

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/16/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
59TH STREET_GT_1	36.81	36.38	34.27	33.66	35.49	39.61	53.30	65.72	56.47	52.92	50.43	49.35	48.33	48.28	48.45	49.19	50.54	53.26	54.87	61.93	78.54	55.37	50.63	44.59
24138	3.00	2.89	2.89	2.86	2.95	3.34	4.64	5.43	4.31	3.90	3.46	3.18	3.04	3.02	3.05	3.14	3.50	4.13	4.76	5.68	5.55	4.67	3.92	3.44
	-2.51	-2.71	0.00	-0.07	-0.15	0.00	-2.27	-7.55	-8.68	-10.02	-11.34	-13.69	-14.28	-14.52	-14.57	-14.06	-12.78	-8.99	-3.86	0.00	-16.96	-2.50	-5.04	-2.54
74TH STREET_GT_1	37.49	36.35	34.30	33.66	35.49	39.61	54.54	70.10	61.62	58.86	57.23	57.56	56.93	57.03	57.23	57.63	58.22	58.65	57.13	61.82	88.76	56.75	53.66	46.10
24260	2.94	2.86	2.92	2.86	2.95	3.34	4.50	5.22	4.18	3.74	3.35	3.05	2.95	2.92	2.96	3.01	3.39	4.05	4.67	5.57	5.44	4.53	3.88	3.40
	-3.26	-2.71	0.00	-0.07	-0.15	0.00	-3.65	-12.15	-13.96	-16.12	-18.25	-22.02	-22.97	-23.36	-23.44	-22.63	-20.55	-14.47	-6.21	0.00	-27.29	-4.02	-8.11	-4.08
74TH STREET_GT_2	37.49	36.35	34.30	33.66	35.49	39.61	54.54	70.10	61.62	58.86	57.23	57.56	56.93	57.03	57.23	57.63	58.22	58.65	57.13	61.82	88.76	56.75	53.66	46.10
24261	2.94	2.86	2.92	2.86	2.95	3.34	4.50	5.22	4.18	3.74	3.35	3.05	2.95	2.92	2.96	3.01	3.39	4.05	4.67	5.57	5.44	4.53	3.88	3.40
	-3.26	-2.71	0.00	-0.07	-0.15	0.00	-3.65	-12.15	-13.96	-16.12	-18.25	-22.02	-22.97	-23.36	-23.44	-22.63	-20.55	-14.47	-6.21	0.00	-27.29	-4.02	-8.11	-4.08
ADK HUDSON___FALLS	35.19	36.41	33.70	33.12	35.11	39.25	50.43	57.17	47.01	42.04	38.31	34.92	33.34	33.18	33.02	34.39	36.98	43.47	49.67	60.53	60.23	51.47	44.42	41.06
24011	2.28	2.25	2.32	2.30	2.53	2.97	4.04	4.43	3.52	3.04	2.67	2.44	2.33	2.43	2.19	2.40	2.71	3.33	3.42	4.28	4.20	3.28	2.75	2.43
	-1.61	-3.40	0.00	-0.09	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	35.35	36.57	33.86	33.28	35.30	39.47	50.75	57.53	47.32	42.27	38.52	35.11	33.50	33.36	33.21	34.58	37.18	43.82	49.99	60.87	60.57	51.76	44.63	41.25
23798	2.44	2.40	2.48	2.46	2.72	3.19	4.36	4.80	3.83	3.28	2.89	2.63	2.48	2.61	2.37	2.59	2.91	3.69	3.74	4.61	4.54	3.57	2.96	2.63
	-1.61	-3.40	0.00	-0.09	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	35.19	36.41	33.70	33.12	35.11	39.25	50.43	57.17	47.01	42.04	38.31	34.92	33.34	33.18	33.02	34.39	36.98	43.47	49.67	60.53	60.23	51.47	44.42	41.06
24028	2.28	2.25	2.32	2.30	2.53	2.97	4.04	4.43	3.52	3.04	2.67	2.44	2.33	2.43	2.19	2.40	2.71	3.33	3.42	4.28	4.20	3.28	2.75	2.43
	-1.61	-3.40	0.00	-0.09	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	34.71	35.93	33.26	32.69	34.55	38.45	49.50	56.06	46.01	41.22	37.66	34.33	32.78	32.56	32.62	33.81	36.29	42.78	49.30	59.63	59.22	50.89	43.96	40.51
23527	1.85	1.85	1.88	1.87	1.98	2.18	3.11	3.32	2.52	2.22	2.03	1.85	1.77	1.81	1.79	1.82	2.02	2.65	3.05	3.38	3.19	2.70	2.29	1.89
	-1.56	-3.31	0.00	-0.09	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	33.67	34.87	32.26	31.68	33.52	37.18	47.50	53.26	43.80	39.27	36.06	32.93	31.51	31.30	31.33	32.63	34.96	41.14	47.45	57.55	57.27	49.16	42.51	39.39
24190	0.81	0.80	0.88	0.86	0.94	0.91	1.11	0.53	0.30	0.27	0.43	0.45	0.50	0.55	0.49	0.64	0.69	1.00	1.20	1.29	1.23	0.96	0.83	0.77
	-1.56	-3.30	0.00	-0.09	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	30.64	30.13	30.69	30.08	31.68	35.48	45.18	42.54	42.40	38.02	34.74	31.63	30.27	30.04	30.19	31.29	33.48	39.17	42.83	54.79	54.63	47.04	40.92	38.00
355683	-0.66	-0.65	-0.69	-0.65	-0.71	-0.80	-1.21	-1.37	-1.09	-0.97	-0.89	-0.84	-0.74	-0.71	-0.65	-0.70	-0.79	-0.96	-1.20	-1.46	-1.40	-1.16	-0.75	-0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	8.83	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	2.21	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	34.05	35.21	32.76	32.20	34.03	37.83	48.38	54.53	44.75	40.17	36.63	33.36	31.88	31.67	31.70	32.92	35.40	41.74	48.24	58.51	58.22	50.03	43.26	40.09
323833	1.22	1.20	1.38	1.38	1.46	1.56	1.99	1.79	1.26	1.17	1.00	0.88	0.87	0.92	0.86	0.93	1.13	1.61	1.99	2.25	2.18	1.83	1.58	1.47
	-1.53	-3.24	0.00	-0.09	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	34.02	35.21	32.76	32.17	34.00	37.83	48.34	54.53	44.75	40.17	36.63	33.36	31.88	31.67	31.70	32.92	35.40	41.74	48.24	58.45	58.22	49.98	43.26	40.09
323834	1.19	1.20	1.38	1.35	1.42	1.56	1.95	1.79	1.26	1.17	1.00	0.88	0.87	0.92	0.86	0.93	1.13	1.61	1.99	2.19	2.18	1.78	1.58	1.47
	-1.53	-3.24	0.00	-0.09	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	33.67	34.87	32.26	31.68	33.52	37.18	47.50	53.26	43.80	39.27	36.06	32.93	31.51	31.30	31.33	32.63	34.96	41.14	47.45	57.55	57.27	49.16	42.51	39.39
23571	0.81	0.80	0.88	0.86	0.94	0.91	1.11	0.53	0.30	0.27	0.43	0.45	0.50	0.55	0.49	0.64	0.69	1.00	1.20	1.29	1.23	0.96	0.83	0.77
	-1.56	-3.30	0.00	-0.09	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	33.67 0.81 -1.56	34.87 0.80 -3.30	32.26 0.88 0.00	31.68 0.86 -0.09	33.52 0.94 -0.18	37.18 0.91 0.00	47.50 1.11 0.00	53.26 0.53 0.00	43.80 0.30 0.00	39.27 0.27 0.00	36.06 0.43 0.00	32.93 0.45 0.00	31.51 0.50 0.00	31.30 0.55 0.00	31.33 0.49 0.00	32.63 0.64 0.00	34.96 0.69 0.00	41.14 1.00 0.00	47.45 1.20 0.00	57.55 1.29 0.00	57.27 1.23 0.00	49.16 0.96 0.00	42.51 0.83 0.00	39.39 0.77 0.00
ALBANY___3 23573	33.67 0.81 -1.56	34.87 0.80 -3.30	32.26 0.88 0.00	31.68 0.86 -0.09	33.52 0.94 -0.18	37.18 0.91 0.00	47.50 1.11 0.00	53.26 0.53 0.00	43.80 0.30 0.00	39.27 0.27 0.00	36.06 0.43 0.00	32.93 0.45 0.00	31.51 0.50 0.00	31.30 0.55 0.00	31.33 0.49 0.00	32.63 0.64 0.00	34.96 0.69 0.00	41.14 1.00 0.00	47.45 1.20 0.00	57.55 1.29 0.00	57.27 1.23 0.00	49.16 0.96 0.00	42.51 0.83 0.00	39.39 0.77 0.00
ALBANY___4 23574	33.67 0.81 -1.56	34.87 0.80 -3.30	32.26 0.88 0.00	31.68 0.86 -0.09	33.52 0.94 -0.18	37.18 0.91 0.00	47.50 1.11 0.00	53.26 0.53 0.00	43.80 0.30 0.00	39.27 0.27 0.00	36.06 0.43 0.00	32.93 0.45 0.00	31.51 0.50 0.00	31.30 0.55 0.00	31.33 0.49 0.00	32.63 0.64 0.00	34.96 0.69 0.00	41.14 1.00 0.00	47.45 1.20 0.00	57.55 1.29 0.00	57.27 1.23 0.00	49.16 0.96 0.00	42.51 0.83 0.00	39.39 0.77 0.00
ALBANY___LFGE 323615	33.93 1.06 -1.57	35.17 1.08 -3.32	32.54 1.16 0.00	31.95 1.14 -0.09	33.78 1.20 -0.19	37.51 1.23 0.00	47.97 1.58 0.00	53.79 1.05 0.00	44.27 0.78 0.00	39.82 0.82 0.00	36.42 0.78 0.00	33.26 0.78 0.00	31.82 0.81 0.00	31.61 0.86 0.00	31.60 0.77 0.00	32.92 0.93 0.00	35.30 1.03 0.00	41.66 1.52 0.00	48.01 1.76 0.00	58.22 1.97 0.00	57.82 1.79 0.00	49.64 1.44 0.00	42.92 1.25 0.00	39.74 1.12 0.00
ALCOA_PA_115KV_PL-6C 55860	31.94 -0.63 -1.27	31.41 -0.62 -1.25	32.02 -0.63 -1.27	31.36 -0.61 -1.25	33.01 -0.68 -1.30	36.97 -0.73 -1.42	46.81 -1.30 -1.72	44.42 -1.42 6.89	44.13 -1.00 -1.64	39.60 -0.90 -1.51	36.22 -0.82 -1.40	32.99 -0.78 -1.29	31.55 -0.71 -1.25	31.35 -0.65 -1.25	31.50 -0.59 -1.25	32.61 -0.67 -1.29	34.91 -0.72 -1.36	40.79 -0.88 -1.54	44.56 -1.20 0.49	56.76 -1.52 -2.03	56.65 -1.40 -2.02	48.82 -1.16 -1.78	42.45 -0.58 -1.36	39.38 -0.50 -1.26
ALCOA_RYNLDS___DRP 24188	31.94 -0.63 -1.27	31.41 -0.62 -1.25	32.02 -0.63 -1.27	31.36 -0.61 -1.25	33.01 -0.68 -1.30	36.97 -0.73 -1.42	46.81 -1.30 -1.72	44.42 -1.42 6.89	44.13 -1.00 -1.64	39.60 -0.90 -1.51	36.22 -0.82 -1.40	32.99 -0.78 -1.29	31.55 -0.71 -1.25	31.35 -0.65 -1.25	31.50 -0.59 -1.25	32.61 -0.67 -1.29	34.91 -0.72 -1.36	40.79 -0.88 -1.54	44.56 -1.20 0.49	56.76 -1.52 -2.03	56.65 -1.40 -2.02	48.82 -1.16 -1.78	42.45 -0.58 -1.36	39.38 -0.50 -1.26
ALCOA___DSASP 323711	31.94 -0.63 -1.27	31.41 -0.62 -1.25	32.02 -0.63 -1.27	31.33 -0.65 -1.25	33.01 -0.68 -1.30	36.97 -0.73 -1.42	46.81 -1.30 -1.72	44.47 -1.37 6.89	44.17 -0.96 -1.64	39.61 -0.90 -1.51	36.22 -0.82 -1.40	32.99 -0.78 -1.29	31.56 -0.71 -1.25	31.35 -0.65 -1.25	31.50 -0.59 -1.25	32.61 -0.67 -1.29	34.91 -0.72 -1.36	40.79 -0.88 -1.54	44.56 -1.20 0.49	56.82 -1.46 -2.03	56.65 -1.40 -2.02	48.82 -1.16 -1.78	42.41 -0.62 -1.36	39.38 -0.50 -1.26
ALLEGHENY___COGEN 23514	30.45 -1.06 -0.22	30.23 -1.01 -0.47	30.47 -0.91 0.00	29.88 -0.86 -0.01	31.38 -1.04 -0.03	35.55 -0.73 0.00	45.65 -0.74 0.00	52.00 -0.74 0.00	43.19 -0.30 0.00	38.53 -0.47 0.00	35.13 -0.50 0.00	31.67 -0.81 0.00	29.96 -1.05 0.00	29.58 -1.17 0.00	29.66 -1.17 0.00	30.97 -1.02 0.00	33.17 -1.10 0.00	39.09 -1.04 0.00	45.23 -1.02 0.00	56.48 0.23 0.00	56.98 0.95 0.00	49.01 0.82 0.00	42.05 0.37 0.00	39.51 0.89 0.00
ALTAMONT_115KV_TB 2 55880	33.92 1.06 -1.56	35.11 1.05 -3.29	32.48 1.10 0.00	31.89 1.08 -0.09	33.71 1.13 -0.18	37.51 1.23 0.00	48.06 1.67 0.00	54.42 1.69 0.00	44.80 1.30 0.00	40.13 1.13 0.00	36.67 1.03 0.00	33.45 0.97 0.00	31.98 0.96 0.00	31.73 0.98 0.00	31.79 0.96 0.00	32.95 0.96 0.00	35.37 1.10 0.00	41.54 1.40 0.00	47.91 1.66 0.00	58.17 1.91 0.00	57.88 1.85 0.00	49.74 1.54 0.00	43.01 1.33 0.00	39.74 1.12 0.00
ALTONA_WT_PWR 323606	-7.02 -1.41 36.90	-7.02 -1.38 36.41	-7.02 -1.44 36.95	-7.04 -1.47 36.30	-7.05 -1.55 37.88	-6.96 -1.70 41.52	-6.29 -2.36 50.32	-6.52 -2.58 56.67	-6.44 -2.13 47.80	-6.78 -1.91 43.87	-7.01 -1.78 40.86	-7.05 -1.62 37.90	-7.05 -1.52 36.54	-7.05 -1.44 36.35	-7.02 -1.39 36.46	-7.02 -1.47 37.54	-7.01 -1.64 39.64	-6.66 -1.93 44.87	-6.43 -2.31 50.37	-5.53 -2.76 59.03	-5.49 -2.63 58.89	-6.03 -2.26 51.96	0.30 -1.75 39.63	0.31 -1.62 36.69
AMERICAN_REF_FUEL 24010	27.74 -3.76 -0.20	27.53 -3.66 -0.42	27.74 -3.64 0.00	27.27 -3.47 -0.01	28.66 -3.76 -0.02	32.17 -4.10 0.00	40.96 -5.43 0.00	46.46 -6.28 0.00	39.79 -3.70 0.00	35.72 -3.28 0.00	33.18 -2.46 0.00	29.98 -2.50 0.00	28.44 -2.57 0.00	27.98 -2.77 0.00	28.00 -2.84 0.00	29.21 -2.78 0.00	31.15 -3.12 0.00	36.08 -4.05 0.00	41.25 -5.00 0.00	50.80 -5.46 0.00	51.10 -4.93 0.00	44.68 -3.52 0.00	38.59 -3.08 0.00	36.46 -2.16 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.90 -3.63 -0.23	27.66 -3.60 -0.48	28.34 -3.04 0.00	27.82 -2.92 -0.01	29.05 -3.37 -0.03	33.01 -3.26 0.00	42.35 -4.04 0.00	48.41 -4.32 0.00	41.18 -2.31 0.00	36.81 -2.18 0.00	33.99 -1.64 0.00	30.69 -1.79 0.00	29.00 -2.02 0.00	28.53 -2.21 0.00	28.52 -2.31 0.00	29.75 -2.24 0.00	31.87 -2.40 0.00	37.21 -2.93 0.00	42.87 -3.37 0.00	53.11 -3.15 0.00	53.68 -2.35 0.00	46.85 -1.35 0.00	40.63 -1.04 0.00	38.66 0.04 0.00
ARTHUR KILL_GT_1 23520	48.86 2.72 -14.84	40.53 2.89 -6.87	49.53 2.73 -15.42	49.53 2.70 -16.10	43.70 2.79 -8.52	49.51 3.12 -10.12	53.66 4.27 -3.00	67.67 4.96 -9.98	58.78 3.83 -11.46	55.71 3.47 -13.24	53.69 3.06 -14.99	53.39 2.82 -18.08	52.58 2.70 -18.86	52.61 2.67 -19.18	52.79 2.71 -19.24	53.35 2.78 -18.58	54.30 3.15 -16.88	55.70 3.69 -11.88	55.70 4.35 -5.10	61.50 5.23 -0.01	83.54 5.10 -22.41	55.79 4.29 -3.31	51.88 3.54 -6.67	45.11 3.13 -3.36
ARTHUR_KILL_2 23512	48.77 2.63 -14.84	40.47 2.83 -6.87	49.44 2.64 -15.42	49.44 2.61 -16.10	43.63 2.72 -8.52	49.44 3.05 -10.12	53.52 4.13 -3.00	67.51 4.80 -9.98	58.70 3.74 -11.46	55.63 3.39 -13.24	53.62 2.99 -14.99	53.29 2.73 -18.08	52.51 2.63 -18.86	52.54 2.61 -19.18	52.73 2.65 -19.24	53.29 2.72 -18.58	54.20 3.05 -16.88	55.63 3.61 -11.88	55.56 4.21 -5.10	61.33 5.07 -0.01	83.37 4.93 -22.41	55.65 4.15 -3.31	51.76 3.42 -6.67	45.03 3.05 -3.36
ARTHUR_KILL_3 23513	48.98 2.85 -14.84	40.34 2.71 -6.86	49.59 2.79 -15.42	49.59 2.77 -16.09	43.79 2.88 -8.51	49.61 3.23 -10.11	53.65 4.27 -3.00	67.72 5.01 -9.97	58.82 3.87 -11.46	55.74 3.51 -13.23	53.75 3.14 -14.98	53.38 2.82 -18.08	52.63 2.76 -18.86	52.63 2.71 -19.18	52.81 2.74 -19.24	53.38 2.82 -18.57	54.29 3.15 -16.87	55.74 3.73 -11.87	55.74 4.40 -5.10	61.43 5.17 0.00	83.48 5.04 -22.40	55.74 4.24 -3.30	51.96 3.62 -6.66	45.14 3.17 -3.35

ARTHUR_KILL_COGEN 323718	48.86	40.53	49.53	49.53	43.70	49.51	53.66	67.67	58.78	55.71	53.69	53.39	52.58	52.61	52.79	53.35	54.30	55.70	55.70	61.50	83.54	55.79	51.88	45.11
	2.72	2.89	2.73	2.70	2.79	3.12	4.27	4.96	3.83	3.47	3.06	2.82	2.70	2.67	2.71	2.78	3.15	3.69	4.35	5.23	5.10	4.29	3.54	3.13
	-14.84	-6.87	-15.42	-16.10	-8.52	-10.12	-3.00	-9.98	-11.46	-13.24	-14.99	-18.08	-18.86	-19.18	-19.24	-18.58	-16.88	-11.88	-5.10	-0.01	-22.41	-3.31	-6.67	-3.36
ASHOKAN____ 23654	33.03	34.13	33.58	32.99	34.83	38.77	49.82	56.22	45.97	41.18	37.41	34.07	32.56	32.32	32.41	33.65	36.29	42.74	49.53	60.25	59.84	51.42	44.51	41.25
	0.31	0.34	2.20	2.18	2.27	2.50	3.43	3.48	2.48	2.18	1.78	1.59	1.55	1.57	1.57	1.66	2.02	2.61	3.28	3.99	3.81	3.23	2.84	2.63
	-1.43	-3.02	0.00	-0.08	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.02	36.26	34.18	33.58	35.40	39.47	54.35	69.83	61.36	58.66	57.05	57.38	56.77	56.87	57.07	57.46	58.01	58.32	56.79	61.43	88.30	56.50	53.36	45.90
	2.82	2.77	2.79	2.77	2.85	3.19	4.31	4.96	3.92	3.55	3.17	2.89	2.79	2.77	2.81	2.85	3.19	3.73	4.35	5.17	4.99	4.29	3.58	3.20
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.64	-12.14	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_EAST_ENERGY_CC2 323582	37.02	36.26	34.18	33.58	35.40	39.47	54.35	69.83	61.36	58.66	57.05	57.38	56.77	56.87	57.07	57.46	58.01	58.32	56.79	61.43	88.30	56.50	53.36	45.90
	2.82	2.77	2.79	2.77	2.85	3.19	4.31	4.96	3.92	3.55	3.17	2.89	2.79	2.77	2.81	2.85	3.19	3.73	4.35	5.17	4.99	4.29	3.58	3.20
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.64	-12.14	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_GT2_1 24094	37.02	36.26	34.18	33.54	35.40	39.47	54.36	69.79	61.40	58.66	57.01	57.42	56.77	56.87	57.07	57.49	58.04	58.44	56.80	61.49	88.36	56.50	53.49	45.94
	2.82	2.77	2.79	2.73	2.85	3.19	4.31	4.90	3.96	3.55	3.14	2.92	2.79	2.77	2.81	2.88	3.22	3.85	4.35	5.23	5.04	4.29	3.71	3.24
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.65	-12.15	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_GT2_2 24095	37.02	36.26	34.18	33.54	35.40	39.47	54.36	69.79	61.40	58.66	57.01	57.42	56.77	56.87	57.07	57.49	58.04	58.44	56.80	61.49	88.36	56.50	53.49	45.94
	2.82	2.77	2.79	2.73	2.85	3.19	4.31	4.90	3.96	3.55	3.14	2.92	2.79	2.77	2.81	2.88	3.22	3.85	4.35	5.23	5.04	4.29	3.71	3.24
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.65	-12.15	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_GT2_3 24096	37.02	36.26	34.18	33.54	35.40	39.47	54.36	69.79	61.40	58.66	57.01	57.42	56.77	56.87	57.07	57.49	58.04	58.44	56.80	61.49	88.36	56.50	53.49	45.94
	2.82	2.77	2.79	2.73	2.85	3.19	4.31	4.90	3.96	3.55	3.14	2.92	2.79	2.77	2.81	2.88	3.22	3.85	4.35	5.23	5.04	4.29	3.71	3.24
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.65	-12.15	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_GT2_4 24097	37.02	36.26	34.18	33.54	35.40	39.47	54.36	69.79	61.40	58.66	57.01	57.42	56.77	56.87	57.07	57.49	58.04	58.44	56.80	61.49	88.36	56.50	53.49	45.94
	2.82	2.77	2.79	2.73	2.85	3.19	4.31	4.90	3.96	3.55	3.14	2.92	2.79	2.77	2.81	2.88	3.22	3.85	4.35	5.23	5.04	4.29	3.71	3.24
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.65	-12.15	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_GT3_1 24098	37.02	36.26	34.18	33.54	35.40	39.47	54.36	69.79	61.40	58.66	57.01	57.42	56.77	56.87	57.07	57.49	58.04	58.44	56.80	61.49	88.36	56.50	53.49	45.94
	2.82	2.77	2.79	2.73	2.85	3.19	4.31	4.90	3.96	3.55	3.14	2.92	2.79	2.77	2.81	2.88	3.22	3.85	4.35	5.23	5.04	4.29	3.71	3.24
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.65	-12.15	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_GT3_2 24099	37.02	36.26	34.18	33.54	35.40	39.47	54.36	69.79	61.40	58.66	57.01	57.42	56.77	56.87	57.07	57.49	58.04	58.44	56.80	61.49	88.36	56.50	53.49	45.94
	2.82	2.77	2.79	2.73	2.85	3.19	4.31	4.90	3.96	3.55	3.14	2.92	2.79	2.77	2.81	2.88	3.22	3.85	4.35	5.23	5.04	4.29	3.71	3.24
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.65	-12.15	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_GT3_3 24100	37.02	36.26	34.18	33.54	35.40	39.47	54.36	69.79	61.40	58.66	57.01	57.42	56.77	56.87	57.07	57.49	58.04	58.44	56.80	61.49	88.36	56.50	53.49	45.94
	2.82	2.77	2.79	2.73	2.85	3.19	4.31	4.90	3.96	3.55	3.14	2.92	2.79	2.77	2.81	2.88	3.22	3.85	4.35	5.23	5.04	4.29	3.71	3.24
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.65	-12.15	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_GT3_4 24101	37.02	36.26	34.18	33.54	35.40	39.47	54.36	69.79	61.40	58.66	57.01	57.42	56.77	56.87	57.07	57.49	58.04	58.44	56.80	61.49	88.36	56.50	53.49	45.94
	2.82	2.77	2.79	2.73	2.85	3.19	4.31	4.90	3.96	3.55	3.14	2.92	2.79	2.77	2.81	2.88	3.22	3.85	4.35	5.23	5.04	4.29	3.71	3.24
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.65	-12.15	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_GT4_1 24102	37.02	36.26	34.18	33.54	35.40	39.47	54.36	69.79	61.40	58.66	57.01	57.42	56.77	56.87	57.07	57.49	58.04	58.44	56.80	61.49	88.36	56.50	53.49	45.94
	2.82	2.77	2.79	2.73	2.85	3.19	4.31	4.90	3.96	3.55	3.14	2.92	2.79	2.77	2.81	2.88	3.22	3.85	4.35	5.23	5.04	4.29	3.71	3.24
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.65	-12.15	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_GT4_2 24103	37.02	36.26	34.18	33.54	35.40	39.47	54.36	69.79	61.40	58.66	57.01	57.42	56.77	56.87	57.07	57.49	58.04	58.44	56.80	61.49	88.36	56.50	53.49	45.94
	2.82	2.77	2.79	2.73	2.85	3.19	4.31	4.90	3.96	3.55	3.14	2.92	2.79	2.77	2.81	2.88	3.22	3.85	4.35	5.23	5.04	4.29	3.71	3.24
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.65	-12.15	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07
ASTORIA_GT4_3 24104	37.02	36.26	34.18	33.54	35.40	39.47	54.36	69.79	61.40	58.66	57.01	57.42	56.77	56.87	57.07	57.49	58.04	58.44	56.80	61.49	88.36	56.50	53.49	45.94
	2.82	2.77	2.79	2.73	2.85	3.19	4.31	4.90	3.96	3.55	3.14	2.92	2.79	2.77	2.81	2.88	3.22	3.85	4.35	5.23	5.04	4.29	3.71	3.24
	-2.91	-2.72	-0.01	-0.08	-0.16	-0.01	-3.65	-12.15	-13.95	-16.11	-18.24	-22.02	-22.97	-23.35	-23.43	-22.62	-20.55	-14.46	-6.20	-0.01	-27.28	-4.02	-8.11	-4.07

ASTORIA_GT4_4 24105	37.02 2.82 -2.91	36.26 2.77 -2.72	34.18 2.79 -0.01	33.54 2.73 -0.08	35.40 2.85 -0.16	39.47 3.19 -0.01	54.36 4.31 -3.65	69.79 4.90 -12.15	61.40 3.96 -13.95	58.66 3.55 -16.11	57.01 3.14 -18.24	57.42 2.92 -22.02	56.77 2.79 -22.97	56.87 2.77 -23.35	57.07 2.81 -23.43	57.49 2.88 -22.62	58.04 3.22 -20.55	58.44 3.85 -14.46	56.80 4.35 -6.20	61.49 5.23 -0.01	88.36 5.04 -27.28	56.50 4.29 -4.02	53.49 3.71 -8.11	45.94 3.24 -4.07
ASTORIA_GT_1 23523	37.08 2.88 -2.91	36.29 2.80 -2.72	34.21 2.83 -0.01	33.60 2.80 -0.08	35.47 2.92 -0.16	39.55 3.27 -0.01	54.39 4.36 -3.64	69.94 5.06 -12.14	61.44 4.00 -13.95	58.70 3.59 -16.11	57.12 3.24 -18.24	57.45 2.96 -22.02	56.83 2.85 -22.97	56.93 2.83 -23.35	57.13 2.87 -23.43	57.52 2.91 -22.62	58.08 3.26 -20.55	58.41 3.81 -14.46	56.89 4.44 -6.20	61.55 5.29 -0.01	88.41 5.10 -27.28	56.60 4.39 -4.02	53.45 3.67 -8.11	45.98 3.28 -4.07
ASTORIA_GT_10 24110	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.61 2.86 -2.03	36.54 2.98 -1.17	40.84 3.34 -1.23	54.49 4.45 -3.65	70.00 5.12 -12.15	64.06 4.13 -16.44	60.22 3.70 -17.52	58.62 3.28 -19.71	59.68 3.02 -24.18	59.12 2.88 -25.22	59.15 2.86 -25.54	59.15 2.90 -25.42	59.68 2.98 -24.71	61.28 3.36 -23.65	87.81 4.01 -43.66	93.87 4.58 -43.04	106.44 5.46 -44.73	89.96 5.32 -28.60	60.18 4.48 -7.50	53.66 3.88 -8.11	52.04 3.40 -10.02
ASTORIA_GT_11 24225	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.61 2.86 -2.03	36.54 2.98 -1.17	40.84 3.34 -1.23	54.49 4.45 -3.65	70.00 5.12 -12.15	64.06 4.13 -16.44	60.22 3.70 -17.52	58.62 3.28 -19.71	59.68 3.02 -24.18	59.12 2.88 -25.22	59.15 2.86 -25.54	59.15 2.90 -25.42	59.68 2.98 -24.71	61.28 3.36 -23.65	87.81 4.01 -43.66	93.87 4.58 -43.04	106.44 5.46 -44.73	89.96 5.32 -28.60	60.18 4.48 -7.50	53.66 3.88 -8.11	52.04 3.40 -10.02
ASTORIA_GT_12 24226	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.61 2.86 -2.03	36.54 2.98 -1.17	40.84 3.34 -1.23	54.49 4.45 -3.65	70.00 5.12 -12.15	64.06 4.13 -16.44	60.22 3.70 -17.52	58.62 3.28 -19.71	59.68 3.02 -24.18	59.12 2.88 -25.22	59.15 2.86 -25.54	59.15 2.90 -25.42	59.68 2.98 -24.71	61.28 3.36 -23.65	87.81 4.01 -43.66	93.87 4.58 -43.04	106.44 5.46 -44.73	89.96 5.32 -28.60	60.18 4.48 -7.50	53.66 3.88 -8.11	52.04 3.40 -10.02
ASTORIA_GT_13 24227	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.61 2.86 -2.03	36.54 2.98 -1.17	40.84 3.34 -1.23	54.49 4.45 -3.65	70.00 5.12 -12.15	64.06 4.13 -16.44	60.22 3.70 -17.52	58.62 3.28 -19.71	59.68 3.02 -24.18	59.12 2.88 -25.22	59.15 2.86 -25.54	59.15 2.90 -25.42	59.68 2.98 -24.71	61.28 3.36 -23.65	87.81 4.01 -43.66	93.87 4.58 -43.04	106.44 5.46 -44.73	89.96 5.32 -28.60	60.18 4.48 -7.50	53.66 3.88 -8.11	52.04 3.40 -10.02
ASTORIA_GT_5 24106	37.09 2.88 -2.91	36.29 2.80 -2.72	34.21 2.82 -0.01	33.60 2.80 -0.08	35.44 2.88 -0.16	39.55 3.26 -0.01	54.40 4.36 -3.65	69.89 5.01 -12.15	61.49 4.04 -13.95	58.74 3.63 -16.11	57.08 3.21 -18.24	57.45 2.96 -22.02	56.83 2.85 -22.97	56.93 2.83 -23.35	57.13 2.87 -23.43	57.56 2.94 -22.62	58.11 3.29 -20.55	58.52 3.93 -14.46	56.89 4.44 -6.20	61.61 5.34 -0.01	88.47 5.15 -27.28	56.60 4.39 -4.02	53.54 3.75 -8.11	46.02 3.32 -4.07
ASTORIA_GT_7 24107	37.09 2.88 -2.91	36.29 2.80 -2.72	34.21 2.82 -0.01	33.60 2.80 -0.08	35.44 2.88 -0.16	39.55 3.26 -0.01	54.40 4.36 -3.65	69.89 5.01 -12.15	61.49 4.04 -13.95	58.74 3.63 -16.11	57.08 3.21 -18.24	57.45 2.96 -22.02	56.83 2.85 -22.97	56.93 2.83 -23.35	57.13 2.87 -23.43	57.56 2.94 -22.62	58.11 3.29 -20.55	58.52 3.93 -14.46	56.89 4.44 -6.20	61.61 5.34 -0.01	88.47 5.15 -27.28	56.60 4.39 -4.02	53.54 3.75 -8.11	46.02 3.32 -4.07
ASTORIA_GT_8 24108	37.09 2.88 -2.91	36.29 2.80 -2.72	34.21 2.82 -0.01	33.60 2.80 -0.08	35.44 2.88 -0.16	39.55 3.26 -0.01	54.40 4.36 -3.65	69.89 5.01 -12.15	61.49 4.04 -13.95	58.74 3.63 -16.11	57.08 3.21 -18.24	57.45 2.96 -22.02	56.83 2.85 -22.97	56.93 2.83 -23.35	57.13 2.87 -23.43	57.56 2.94 -22.62	58.11 3.29 -20.55	58.52 3.93 -14.46	56.89 4.44 -6.20	61.61 5.34 -0.01	88.47 5.15 -27.28	56.60 4.39 -4.02	53.54 3.75 -8.11	46.02 3.32 -4.07
ASTORIA___2 24149	37.02 2.82 -2.91	36.26 2.77 -2.72	34.18 2.79 -0.01	33.58 2.77 -0.08	35.40 2.85 -0.16	39.47 3.19 -0.01	54.35 4.31 -3.64	69.83 4.96 -12.14	61.36 3.92 -13.95	58.66 3.55 -16.11	57.05 3.17 -18.24	57.38 2.89 -22.02	56.77 2.79 -22.97	56.87 2.77 -23.35	57.07 2.81 -23.43	57.46 2.85 -22.62	58.01 3.19 -20.55	58.32 3.73 -14.46	56.79 4.35 -6.20	61.43 5.17 -0.01	88.30 4.99 -27.28	56.50 4.29 -4.02	53.36 3.58 -8.11	45.90 3.20 -4.07
ASTORIA___3 23516	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.64 2.89 -2.03	36.54 2.98 -1.17	40.84 3.34 -1.23	54.49 4.45 -3.65	70.06 5.17 -12.15	63.98 4.05 -16.44	60.18 3.66 -17.52	58.62 3.28 -19.71	59.68 3.02 -24.18	59.15 2.91 -25.22	59.15 2.86 -25.54	59.15 2.90 -25.42	59.68 2.98 -24.71	61.21 3.29 -23.65	87.65 3.85 -43.66	93.82 4.53 -43.04	106.39 5.40 -44.73	89.85 5.21 -28.60	60.18 4.48 -7.50	53.54 3.75 -8.11	52.00 3.36 -10.02
ASTORIA___4 23517	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.61 2.86 -2.03	36.54 2.98 -1.17	40.84 3.34 -1.23	54.49 4.45 -3.65	70.00 5.12 -12.15	64.06 4.13 -16.44	60.22 3.70 -17.52	58.62 3.28 -19.71	59.68 3.02 -24.18	59.12 2.88 -25.22	59.15 2.86 -25.54	59.15 2.90 -25.42	59.68 2.98 -24.71	61.28 3.36 -23.65	87.81 4.01 -43.66	93.87 4.58 -43.04	106.44 5.46 -44.73	89.96 5.32 -28.60	60.18 4.48 -7.50	53.66 3.88 -8.11	52.04 3.40 -10.02
ASTORIA___5 23518	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.64 2.89 -2.03	36.54 2.98 -1.17	40.84 3.34 -1.23	54.49 4.45 -3.65	70.06 5.17 -12.15	63.98 4.05 -16.44	60.18 3.66 -17.52	58.62 3.28 -19.71	59.68 3.02 -24.18	59.15 2.91 -25.22	59.15 2.86 -25.54	59.15 2.90 -25.42	59.68 2.98 -24.71	61.21 3.29 -23.65	87.65 3.85 -43.66	93.82 4.53 -43.04	106.39 5.40 -44.73	89.85 5.21 -28.60	60.18 4.48 -7.50	53.54 3.75 -8.11	52.00 3.36 -10.02
AST_ENERGY_2_CC3 323677	37.08 2.88 -2.90	36.22 2.74 -2.71	34.21 2.83 0.00	33.57 2.77 -0.07	35.43 2.88 -0.15	39.50 3.23 0.00	53.74 4.36 -3.00	67.82 5.11 -9.97	58.94 4.00 -11.45	55.85 3.63 -13.23	53.85 3.24 -14.98	53.50 2.96 -18.07	52.69 2.82 -18.85	52.71 2.80 -19.17	52.90 2.83 -19.23	53.47 2.91 -18.57	54.39 3.26 -16.87	55.86 3.85 -11.87	55.83 4.48 -5.09	61.60 5.35 0.00	83.64 5.21 -22.39	55.88 4.39 -3.30	52.04 3.71 -6.66	45.22 3.24 -3.35
AST_ENERGY_2_CC4 323678	37.08 2.88 -2.90	36.22 2.74 -2.71	34.21 2.83 0.00	33.57 2.77 -0.07	35.43 2.88 -0.15	39.50 3.23 0.00	53.74 4.36 -3.00	67.82 5.11 -9.97	58.94 4.00 -11.45	55.85 3.63 -13.23	53.85 3.24 -14.98	53.50 2.96 -18.07	52.69 2.82 -18.85	52.71 2.80 -19.17	52.90 2.83 -19.23	53.47 2.91 -18.57	54.39 3.26 -16.87	55.86 3.85 -11.87	55.83 4.48 -5.09	61.60 5.35 0.00	83.64 5.21 -22.39	55.88 4.39 -3.30	52.04 3.71 -6.66	45.22 3.24 -3.35

ATHENS_STG_1 23668	34.01	34.99	32.67	32.10	33.89	37.73	48.38	55.00	45.23	40.56	37.06	33.78	32.29	32.01	32.13	33.30	35.74	41.90	48.28	58.56	58.22	50.07	43.26	39.97
	1.31	1.26	1.29	1.29	1.33	1.45	1.99	2.27	1.74	1.56	1.43	1.30	1.27	1.26	1.29	1.31	1.47	1.76	2.03	2.31	2.18	1.88	1.58	1.35
	-1.40	-2.96	0.00	-0.08	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	34.01	34.99	32.67	32.10	33.89	37.73	48.38	55.00	45.23	40.56	37.06	33.78	32.29	32.01	32.13	33.30	35.74	41.90	48.28	58.56	58.22	50.07	43.26	39.97
	1.31	1.26	1.29	1.29	1.33	1.45	1.99	2.27	1.74	1.56	1.43	1.30	1.27	1.26	1.29	1.31	1.47	1.76	2.03	2.31	2.18	1.88	1.58	1.35
	-1.40	-2.96	0.00	-0.08	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	34.01	34.99	32.67	32.10	33.89	37.73	48.38	55.00	45.23	40.56	37.06	33.78	32.29	32.01	32.13	33.30	35.74	41.90	48.28	58.56	58.22	50.07	43.26	39.97
	1.31	1.26	1.29	1.29	1.33	1.45	1.99	2.27	1.74	1.56	1.43	1.30	1.27	1.26	1.29	1.31	1.47	1.76	2.03	2.31	2.18	1.88	1.58	1.35
	-1.40	-2.96	0.00	-0.08	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN___LFGE 323710	31.21	30.90	31.19	30.49	32.18	36.16	46.39	52.74	43.66	39.15	35.81	32.58	31.05	30.75	30.80	31.99	34.24	40.09	46.25	56.48	56.31	48.44	41.63	38.70
	-0.25	-0.22	-0.19	-0.25	-0.23	-0.11	0.00	0.00	0.17	0.16	0.18	0.10	0.03	0.00	-0.03	0.00	-0.03	-0.04	0.00	0.23	0.28	0.24	-0.04	0.08
	-0.16	-0.34	0.00	-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	35.88	36.38	34.36	33.69	35.46	39.76	51.38	58.80	48.37	43.55	39.78	36.55	35.06	34.79	34.88	36.08	38.61	44.85	51.32	62.05	62.89	53.05	46.03	42.25
	3.19	2.89	2.98	2.89	2.92	3.48	4.82	5.48	4.22	3.78	3.28	3.02	2.95	2.92	2.93	3.01	3.36	4.01	4.76	5.80	5.55	4.67	3.96	3.44
	-1.39	-2.71	0.00	-0.07	-0.15	0.00	-0.17	-0.58	-0.66	-0.77	-0.87	-1.05	-1.10	-1.12	-1.12	-1.08	-0.98	-0.71	-0.31	0.00	-1.31	-0.18	-0.40	-0.19
BABYLON__69_KV_BK2 356345	36.15	36.65	34.61	33.93	35.72	40.08	51.84	59.31	48.79	43.84	39.98	36.79	35.25	35.01	35.10	36.34	38.86	45.40	51.87	62.67	63.47	53.63	46.56	42.67
	3.47	3.17	3.23	3.13	3.17	3.81	5.29	6.01	4.65	4.09	3.49	3.28	3.16	3.17	3.18	3.30	3.63	4.58	5.32	6.41	6.16	5.25	4.50	3.86
	-1.38	-2.71	0.00	-0.07	-0.15	0.00	-0.16	-0.56	-0.65	-0.75	-0.85	-1.03	-1.07	-1.09	-1.09	-1.06	-0.96	-0.69	-0.30	0.00	-1.28	-0.18	-0.39	-0.18
BALL_HILL_WT_PWR 323825	28.49	28.23	28.90	28.38	29.67	33.63	43.05	49.10	41.71	37.28	34.46	31.12	29.43	29.00	28.98	30.23	32.39	37.68	43.38	53.50	53.90	46.94	40.55	38.43
	-3.04	-3.01	-2.48	-2.37	-2.75	-2.65	-3.34	-3.64	-1.79	-1.71	-1.18	-1.36	-1.58	-1.75	-1.85	-1.76	-1.88	-2.45	-2.87	-2.76	-2.13	-1.25	-1.12	-0.19
	-0.23	-0.48	0.00	-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS___WT_PWR 323822	29.23	29.03	29.37	28.81	30.26	34.17	43.84	49.89	41.88	37.44	34.35	31.02	29.46	29.09	29.11	30.33	32.49	37.97	43.80	53.89	54.24	47.04	40.51	38.24
	-2.35	-2.34	-2.01	-1.93	-2.17	-2.10	-2.55	-2.85	-1.61	-1.56	-1.28	-1.46	-1.55	-1.66	-1.73	-1.66	-1.78	-2.17	-2.45	-2.36	-1.80	-1.16	-1.17	-0.39
	-0.28	-0.60	0.00	-0.02	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	35.55	36.19	34.17	33.51	35.30	39.54	50.85	58.10	48.00	43.23	39.62	36.28	34.75	34.48	34.61	35.80	38.30	44.50	50.73	61.21	62.02	52.45	45.65	42.03
	2.88	2.71	2.79	2.70	2.75	3.27	4.31	4.85	3.92	3.55	3.21	2.86	2.76	2.74	2.78	2.85	3.15	3.73	4.21	4.95	4.82	4.09	3.62	3.24
	-1.38	-2.71	0.00	-0.07	-0.15	0.00	-0.15	-0.51	-0.59	-0.68	-0.78	-0.94	-0.98	-1.00	-1.00	-0.96	-0.87	-0.63	-0.28	0.00	-1.16	-0.16	-0.36	-0.17
BARRETT_IC_10 23701	35.55	36.19	34.17	33.51	35.30	39.54	50.85	58.10	48.00	43.23	39.62	36.28	34.75	34.48	34.61	35.80	38.30	44.50	50.73	61.21	62.02	52.45	45.65	42.03
	2.88	2.71	2.79	2.70	2.75	3.27	4.31	4.85	3.92	3.55	3.21	2.86	2.76	2.74	2.78	2.85	3.15	3.73	4.21	4.95	4.82	4.09	3.62	3.24
	-1.38	-2.71	0.00	-0.07	-0.15	0.00	-0.15	-0.51	-0.59	-0.68	-0.78	-0.94	-0.98	-1.00	-1.00	-0.96	-0.87	-0.63	-0.28	0.00	-1.16	-0.16	-0.36	-0.17
BARRETT_IC_11 23702	35.55	36.19	34.17	33.51	35.30	39.54	50.85	58.10	48.00	43.23	39.62	36.28	34.75	34.48	34.61	35.80	38.30	44.50	50.73	61.21	62.02	52.45	45.65	42.03
	2.88	2.71	2.79	2.70	2.75	3.27	4.31	4.85	3.92	3.55	3.21	2.86	2.76	2.74	2.78	2.85	3.15	3.73	4.21	4.95	4.82	4.09	3.62	3.24
	-1.38	-2.71	0.00	-0.07	-0.15	0.00	-0.15	-0.51	-0.59	-0.68	-0.78	-0.94	-0.98	-1.00	-1.00	-0.96	-0.87	-0.63	-0.28	0.00	-1.16	-0.16	-0.36	-0.17
BARRETT_IC_12 23703	35.55	36.19	34.17	33.51	35.30	39.54	50.85	58.10	48.00	43.23	39.62	36.28	34.75	34.48	34.61	35.80	38.30	44.50	50.73	61.21	62.02	52.45	45.65	42.03
	2.88	2.71	2.79	2.70	2.75	3.27	4.31	4.85	3.92	3.55	3.21	2.86	2.76	2.74	2.78	2.85	3.15	3.73	4.21	4.95	4.82	4.09	3.62	3.24
	-1.38	-2.71	0.00	-0.07	-0.15	0.00	-0.15	-0.51	-0.59	-0.68	-0.78	-0.94	-0.98	-1.00	-1.00	-0.96	-0.87	-0.63	-0.28	0.00	-1.16	-0.16	-0.36	-0.17
BARRETT_IC_2 23705	35.55	36.19	34.17	33.51	35.30	39.54	50.85	58.10	48.00	43.23	39.62	36.28	34.75	34.48	34.61	35.80	38.30	44.50	50.73	61.21	62.02	52.45	45.65	42.03
	2.88	2.71	2.79	2.70	2.75	3.27	4.31	4.85	3.92	3.55	3.21	2.86	2.76	2.74	2.78	2.85	3.15	3.73	4.21	4.95	4.82	4.09	3.62	3.24
	-1.38	-2.71	0.00	-0.07	-0.15	0.00	-0.15	-0.51	-0.59	-0.68	-0.78	-0.94	-0.98	-1.00	-1.00	-0.96	-0.87	-0.63	-0.28	0.00	-1.16	-0.16	-0.36	-0.17
BARRETT_IC_3 23706	35.55	36.19	34.17	33.51	35.30	39.54	50.85	58.10	48.00	43.23	39.62	36.28	34.75	34.48	34.61	35.80	38.30	44.50	50.73	61.21	62.02	52.45	45.65	42.03
	2.88	2.71	2.79	2.70	2.75	3.27	4.31	4.85	3.92	3.55	3.21	2.86	2.76	2.74	2.78	2.85	3.15	3.73	4.21	4.95	4.82	4.09	3.62	3.24
	-1.38	-2.71	0.00	-0.07	-0.15	0.00	-0.15	-0.51	-0.59	-0.68	-0.78	-0.94	-0.98	-1.00	-1.00	-0.96	-0.87	-0.63	-0.28	0.00	-1.16	-0.16	-0.36	-0.17
BARRETT_IC_4 23707	35.55	36.19	34.17	33.51	35.30	39.54	50.85	58.10	48.00	43.23	39.62	36.28	34.75	34.48	34.61	35.80	38.30	44.50	50.73	61.21	62.02	52.45	45.65	42.03
	2.88	2.71	2.79	2.70	2.75	3.27	4.31	4.85	3.92	3.55	3.21	2.86	2.76	2.74	2.78	2.85	3.15	3.73	4.21	4.95	4.82	4.09	3.62	3.24
	-1.38	-2.71	0.00	-0.07	-0.15	0.00	-0.15	-0.51	-0.59	-0.68	-0.78	-0.94	-0.98	-1.00	-1.00	-0.96	-0.87	-0.63	-0.28	0.00	-1.16	-0.16	-0.36	-0.17

BARRETT_IC_5 23708	35.55 2.88 -1.38	36.19 2.71 -2.71	34.17 2.79 0.00	33.51 2.70 -0.07	35.30 2.75 -0.15	39.54 3.27 0.00	50.85 4.31 -0.15	58.10 4.85 -0.51	48.00 3.92 -0.59	43.23 3.55 -0.68	39.62 3.21 -0.78	36.28 2.86 -0.94	34.75 2.76 -0.98	34.48 2.74 -1.00	34.61 2.78 -1.00	35.80 2.85 -0.96	38.30 3.15 -0.87	44.50 3.73 -0.63	50.73 4.21 -0.28	61.21 4.95 0.00	62.02 4.82 -1.16	52.45 4.09 -0.16	45.65 3.62 -0.36	42.03 3.24 -0.17
BARRETT_IC_6 23709	35.55 2.88 -1.38	36.19 2.71 -2.71	34.17 2.79 0.00	33.51 2.70 -0.07	35.30 2.75 -0.15	39.54 3.27 0.00	50.85 4.31 -0.15	58.10 4.85 -0.51	48.00 3.92 -0.59	43.23 3.55 -0.68	39.62 3.21 -0.78	36.28 2.86 -0.94	34.75 2.76 -0.98	34.48 2.74 -1.00	34.61 2.78 -1.00	35.80 2.85 -0.96	38.30 3.15 -0.87	44.50 3.73 -0.63	50.73 4.21 -0.28	61.21 4.95 0.00	62.02 4.82 -1.16	52.45 4.09 -0.16	45.65 3.62 -0.36	42.03 3.24 -0.17
BARRETT_IC_7 23710	35.55 2.88 -1.38	36.19 2.71 -2.71	34.17 2.79 0.00	33.50 2.70 -0.07	35.30 2.75 -0.15	39.54 3.26 0.00	50.85 4.31 -0.15	58.10 4.85 -0.51	48.08 4.00 -0.59	43.23 3.55 -0.68	39.62 3.21 -0.78	36.28 2.86 -0.94	34.75 2.76 -0.98	34.48 2.74 -1.00	34.61 2.78 -1.00	35.77 2.82 -0.96	38.33 3.19 -0.87	44.54 3.77 -0.63	50.69 4.16 -0.28	61.21 4.95 0.00	62.02 4.82 -1.16	52.41 4.05 -0.16	45.70 3.67 -0.36	42.03 3.24 -0.17
BARRETT_IC_8 23711	35.55 2.88 -1.38	36.19 2.71 -2.71	34.17 2.79 0.00	33.51 2.70 -0.07	35.30 2.75 -0.15	39.54 3.27 0.00	50.85 4.31 -0.15	58.10 4.85 -0.51	48.00 3.92 -0.59	43.23 3.55 -0.68	39.62 3.21 -0.78	36.28 2.86 -0.94	34.75 2.76 -0.98	34.48 2.74 -1.00	34.61 2.78 -1.00	35.80 2.85 -0.96	38.30 3.15 -0.87	44.50 3.73 -0.63	50.73 4.21 -0.28	61.21 4.95 0.00	62.02 4.82 -1.16	52.45 4.09 -0.16	45.65 3.62 -0.36	42.03 3.24 -0.17
BARRETT_IC_9 23700	35.55 2.88 -1.38	36.19 2.71 -2.71	34.17 2.79 0.00	33.51 2.70 -0.07	35.30 2.75 -0.15	39.54 3.27 0.00	50.85 4.31 -0.15	58.10 4.85 -0.51	48.00 3.92 -0.59	43.23 3.55 -0.68	39.62 3.21 -0.78	36.28 2.86 -0.94	34.75 2.76 -0.98	34.48 2.74 -1.00	34.61 2.78 -1.00	35.80 2.85 -0.96	38.30 3.15 -0.87	44.50 3.73 -0.63	50.73 4.21 -0.28	61.21 4.95 0.00	62.02 4.82 -1.16	52.45 4.09 -0.16	45.65 3.62 -0.36	42.03 3.24 -0.17
BARRETT___1 23545	35.55 2.88 -1.38	36.19 2.71 -2.71	34.17 2.79 0.00	33.51 2.70 -0.07	35.30 2.75 -0.15	39.54 3.27 0.00	50.85 4.31 -0.15	58.10 4.85 -0.51	48.00 3.92 -0.59	43.23 3.55 -0.68	39.62 3.21 -0.78	36.28 2.86 -0.94	34.75 2.76 -0.98	34.48 2.74 -1.00	34.61 2.78 -1.00	35.80 2.85 -0.96	38.30 3.15 -0.87	44.50 3.73 -0.63	50.73 4.21 -0.28	61.21 4.95 0.00	62.02 4.82 -1.16	52.45 4.09 -0.16	45.65 3.62 -0.36	42.03 3.24 -0.17
BARRETT___2 23546	35.55 2.88 -1.38	36.19 2.71 -2.71	34.17 2.79 0.00	33.51 2.70 -0.07	35.30 2.75 -0.15	39.54 3.27 0.00	50.85 4.31 -0.15	58.10 4.85 -0.51	48.00 3.92 -0.59	43.23 3.55 -0.68	39.62 3.21 -0.78	36.28 2.86 -0.94	34.75 2.76 -0.98	34.48 2.74 -1.00	34.61 2.78 -1.00	35.80 2.85 -0.96	38.30 3.15 -0.87	44.50 3.73 -0.63	50.73 4.21 -0.28	61.21 4.95 0.00	62.02 4.82 -1.16	52.45 4.09 -0.16	45.65 3.62 -0.36	42.03 3.24 -0.17
BATAVIA__115KV_TB1 55881	29.13 -2.35 -0.18	28.92 -2.25 -0.39	29.18 -2.20 0.00	28.49 -2.24 -0.01	30.05 -2.36 -0.02	33.92 -2.36 0.00	43.33 -3.06 0.00	49.52 -3.22 0.00	41.93 -1.57 0.00	37.83 -1.17 0.00	34.81 -0.82 0.00	31.41 -1.07 0.00	29.84 -1.18 0.00	29.36 -1.38 0.00	29.38 -1.45 0.00	30.65 -1.34 0.00	32.66 -1.61 0.00	38.21 -1.93 0.00	43.80 -2.45 0.00	54.00 -2.25 0.00	54.13 -1.91 0.00	47.09 -1.11 0.00	40.38 -1.29 0.00	38.08 -0.54 0.00
BAYONEEC___CTG1 323682	37.05 2.85 -2.90	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.70 4.31 -3.00	67.72 5.01 -9.97	58.86 3.92 -11.46	55.78 3.55 -13.23	53.78 3.17 -14.98	53.45 2.89 -18.08	52.66 2.79 -18.86	52.66 2.74 -19.18	52.85 2.78 -19.24	53.41 2.85 -18.57	54.33 3.19 -16.87	55.78 3.77 -11.87	55.74 4.40 -5.10	61.49 5.23 0.00	83.53 5.10 -22.40	55.84 4.34 -3.30	52.00 3.67 -6.66	45.18 3.20 -3.35
BAYONEEC___CTG10 323750	37.05 2.85 -2.90	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.70 4.31 -3.00	67.72 5.01 -9.97	58.86 3.92 -11.46	55.78 3.55 -13.23	53.78 3.17 -14.98	53.45 2.89 -18.08	52.66 2.79 -18.86	52.66 2.74 -19.18	52.85 2.78 -19.24	53.41 2.85 -18.57	54.33 3.19 -16.87	55.78 3.77 -11.87	55.74 4.40 -5.10	61.49 5.23 0.00	83.53 5.10 -22.40	55.84 4.34 -3.30	52.00 3.67 -6.66	45.18 3.20 -3.35
BAYONEEC___CTG2 323683	37.05 2.85 -2.90	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.70 4.31 -3.00	67.72 5.01 -9.97	58.86 3.92 -11.46	55.78 3.55 -13.23	53.78 3.17 -14.98	53.45 2.89 -18.08	52.66 2.79 -18.86	52.66 2.74 -19.18	52.85 2.78 -19.24	53.41 2.85 -18.57	54.33 3.19 -16.87	55.78 3.77 -11.87	55.74 4.40 -5.10	61.49 5.23 0.00	83.53 5.10 -22.40	55.84 4.34 -3.30	52.00 3.67 -6.66	45.18 3.20 -3.35
BAYONEEC___CTG3 323684	37.05 2.85 -2.90	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.70 4.31 -3.00	67.72 5.01 -9.97	58.86 3.92 -11.46	55.78 3.55 -13.23	53.78 3.17 -14.98	53.45 2.89 -18.08	52.66 2.79 -18.86	52.66 2.74 -19.18	52.85 2.78 -19.24	53.41 2.85 -18.57	54.33 3.19 -16.87	55.78 3.77 -11.87	55.74 4.40 -5.10	61.49 5.23 0.00	83.53 5.10 -22.40	55.84 4.34 -3.30	52.00 3.67 -6.66	45.18 3.20 -3.35
BAYONEEC___CTG4 323685	37.05 2.85 -2.90	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.70 4.31 -3.00	67.72 5.01 -9.97	58.86 3.92 -11.46	55.78 3.55 -13.23	53.78 3.17 -14.98	53.45 2.89 -18.08	52.66 2.79 -18.86	52.66 2.74 -19.18	52.85 2.78 -19.24	53.41 2.85 -18.57	54.33 3.19 -16.87	55.78 3.77 -11.87	55.74 4.40 -5.10	61.49 5.23 0.00	83.53 5.10 -22.40	55.84 4.34 -3.30	52.00 3.67 -6.66	45.18 3.20 -3.35
BAYONEEC___CTG5 323686	37.05 2.85 -2.90	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.70 4.31 -3.00	67.72 5.01 -9.97	58.86 3.92 -11.46	55.78 3.55 -13.23	53.78 3.17 -14.98	53.45 2.89 -18.08	52.66 2.79 -18.86	52.66 2.74 -19.18	52.85 2.78 -19.24	53.41 2.85 -18.57	54.33 3.19 -16.87	55.78 3.77 -11.87	55.74 4.40 -5.10	61.49 5.23 0.00	83.53 5.10 -22.40	55.84 4.34 -3.30	52.00 3.67 -6.66	45.18 3.20 -3.35
BAYONEEC___CTG6 323687	37.05 2.85 -2.90	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.70 4.31 -3.00	67.72 5.01 -9.97	58.86 3.92 -11.46	55.78 3.55 -13.23	53.78 3.17 -14.98	53.45 2.89 -18.08	52.66 2.79 -18.86	52.66 2.74 -19.18	52.85 2.78 -19.24	53.41 2.85 -18.57	54.33 3.19 -16.87	55.78 3.77 -11.87	55.74 4.40 -5.10	61.49 5.23 0.00	83.53 5.10 -22.40	55.84 4.34 -3.30	52.00 3.67 -6.66	45.18 3.20 -3.35

BAYONEEC___CTG7 323688	37.05 2.85 -2.90	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.70 4.31 -3.00	67.72 5.01 -9.97	58.86 3.92 -11.46	55.78 3.55 -13.23	53.78 3.17 -14.98	53.45 2.89 -18.08	52.66 2.79 -18.86	52.66 2.74 -19.18	52.85 2.78 -19.24	53.41 2.85 -18.57	54.33 3.19 -16.87	55.78 3.77 -11.87	55.74 4.40 -5.10	61.49 5.23 0.00	83.53 5.10 -22.40	55.84 4.34 -3.30	52.00 3.67 -6.66	45.18 3.20 -3.35
BAYONEEC___CTG8 323689	37.05 2.85 -2.90	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.70 4.31 -3.00	67.72 5.01 -9.97	58.86 3.92 -11.46	55.78 3.55 -13.23	53.78 3.17 -14.98	53.45 2.89 -18.08	52.66 2.79 -18.86	52.66 2.74 -19.18	52.85 2.78 -19.24	53.41 2.85 -18.57	54.33 3.19 -16.87	55.78 3.77 -11.87	55.74 4.40 -5.10	61.49 5.23 0.00	83.53 5.10 -22.40	55.84 4.34 -3.30	52.00 3.67 -6.66	45.18 3.20 -3.35
BAYONEEC___CTG9 323749	37.05 2.85 -2.90	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.70 4.31 -3.00	67.72 5.01 -9.97	58.86 3.92 -11.46	55.78 3.55 -13.23	53.78 3.17 -14.98	53.45 2.89 -18.08	52.66 2.79 -18.86	52.66 2.74 -19.18	52.85 2.78 -19.24	53.41 2.85 -18.57	54.33 3.19 -16.87	55.78 3.77 -11.87	55.74 4.40 -5.10	61.49 5.23 0.00	83.53 5.10 -22.40	55.84 4.34 -3.30	52.00 3.67 -6.66	45.18 3.20 -3.35
BEACON___LESR 323632	34.14 1.28 -1.56	35.36 1.29 -3.29	32.76 1.38 0.00	32.17 1.35 -0.09	34.00 1.42 -0.18	37.80 1.52 0.00	48.38 1.99 0.00	54.27 1.53 0.00	44.62 1.13 0.00	40.05 1.05 0.00	36.63 1.00 0.00	33.42 0.94 0.00	31.98 0.96 0.00	31.76 1.01 0.00	31.76 0.92 0.00	33.11 1.12 0.00	35.50 1.23 0.00	41.94 1.81 0.00	48.33 2.08 0.00	58.62 2.36 0.00	58.28 2.24 0.00	50.03 1.83 0.00	43.21 1.54 0.00	40.01 1.39 0.00
BEAVER RIVER___HYD 24048	32.97 -0.50 -2.18	32.52 -0.46 -2.21	33.07 -0.44 -2.13	32.30 -0.52 -2.10	34.10 -0.48 -2.19	38.45 -0.22 -2.40	49.02 -0.28 -2.90	52.96 -0.21 -0.43	45.90 -0.35 -2.76	41.02 -0.51 -2.53	37.46 -0.53 -2.36	34.14 -0.52 -2.19	32.53 -0.59 -2.11	32.32 -0.52 -2.10	32.48 -0.46 -2.11	33.64 -0.51 -2.17	36.05 -0.51 -2.29	42.16 -0.56 -2.59	48.07 -0.37 -2.20	59.61 -0.06 -3.41	59.54 0.11 -3.40	51.10 -0.10 -3.00	43.79 -0.17 -2.29	40.55 -0.19 -2.12
BEEBEE_GT_13 23619	30.17 -1.28 -0.15	29.87 -1.23 -0.33	29.94 -1.44 0.00	29.29 -1.44 -0.01	31.05 -1.36 -0.02	34.71 -1.56 0.00	44.35 -2.04 0.00	50.63 -2.11 0.00	42.45 -1.04 0.00	38.26 -0.74 0.00	35.13 -0.50 0.00	31.86 -0.62 0.00	30.33 -0.68 0.00	29.92 -0.83 0.00	29.97 -0.86 0.00	31.19 -0.80 0.00	33.24 -1.03 0.00	38.85 -1.28 0.00	44.63 -1.62 0.00	54.79 -1.46 0.00	54.74 -1.29 0.00	47.33 -0.87 0.00	40.63 -1.04 0.00	38.04 -0.58 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.94 3.10 -15.55	40.78 3.14 -6.87	51.21 3.11 -16.73	51.23 3.04 -17.46	44.75 3.14 -9.22	50.80 3.55 -10.97	54.87 4.82 -3.65	70.47 5.59 -12.15	64.45 4.52 -16.44	60.57 4.06 -17.52	58.87 3.53 -19.71	59.91 3.25 -24.18	59.34 3.10 -25.22	59.36 3.07 -25.54	59.37 3.11 -25.42	59.93 3.23 -24.71	61.55 3.63 -23.65	88.17 4.37 -43.66	94.32 5.04 -43.03	107.05 6.08 -44.72	90.57 5.94 -28.60	60.66 4.96 -7.50	53.95 4.17 -8.11	52.31 3.67 -10.02
BETHLEHEM___GRP 23843	33.67 0.81 -1.56	34.87 0.80 -3.30	32.26 0.88 0.00	31.68 0.86 -0.09	33.52 0.94 -0.18	37.18 0.91 0.00	47.50 1.11 0.00	53.26 0.53 0.00	43.80 0.30 0.00	39.27 0.27 0.00	36.06 0.43 0.00	32.93 0.45 0.00	31.51 0.50 0.00	31.30 0.55 0.00	31.33 0.49 0.00	32.63 0.64 0.00	34.96 0.69 0.00	41.14 1.00 0.00	47.45 1.20 0.00	57.55 1.29 0.00	57.27 1.23 0.00	49.16 0.96 0.00	42.51 0.83 0.00	39.39 0.77 0.00
BETHLEHEM___GS1 323560	33.67 0.81 -1.56	34.87 0.80 -3.30	32.26 0.88 0.00	31.71 0.89 -0.09	33.52 0.94 -0.18	37.18 0.91 0.00	47.50 1.11 0.00	53.26 0.53 0.00	43.80 0.31 0.00	39.39 0.39 0.00	36.06 0.43 0.00	32.93 0.45 0.00	31.51 0.49 0.00	31.30 0.55 0.00	31.33 0.49 0.00	32.63 0.64 0.00	34.99 0.72 0.00	41.26 1.12 0.00	47.50 1.25 0.00	57.60 1.35 0.00	57.26 1.23 0.00	49.16 0.96 0.00	42.51 0.83 0.00	39.39 0.77 0.00
BETHLEHEM___GS2 323561	33.67 0.81 -1.56	34.87 0.80 -3.30	32.26 0.88 0.00	31.71 0.89 -0.09	33.52 0.94 -0.18	37.18 0.91 0.00	47.50 1.11 0.00	53.26 0.53 0.00	43.80 0.31 0.00	39.39 0.39 0.00	36.06 0.43 0.00	32.93 0.45 0.00	31.51 0.49 0.00	31.30 0.55 0.00	31.33 0.49 0.00	32.63 0.64 0.00	34.99 0.72 0.00	41.26 1.12 0.00	47.50 1.25 0.00	57.60 1.35 0.00	57.26 1.23 0.00	49.16 0.96 0.00	42.51 0.83 0.00	39.39 0.77 0.00
BETHLEHEM___GS3 323562	33.67 0.81 -1.56	34.87 0.80 -3.30	32.26 0.88 0.00	31.71 0.89 -0.09	33.52 0.94 -0.18	37.18 0.91 0.00	47.50 1.11 0.00	53.26 0.53 0.00	43.80 0.31 0.00	39.39 0.39 0.00	36.06 0.43 0.00	32.93 0.45 0.00	31.51 0.49 0.00	31.30 0.55 0.00	31.33 0.49 0.00	32.63 0.64 0.00	34.99 0.72 0.00	41.26 1.12 0.00	47.50 1.25 0.00	57.60 1.35 0.00	57.26 1.23 0.00	49.16 0.96 0.00	42.51 0.83 0.00	39.39 0.77 0.00
BETHLEHEM___STEEL 23779	28.22 -3.29 -0.22	28.03 -3.20 -0.45	28.56 -2.82 0.00	27.91 -2.83 -0.01	29.18 -3.24 -0.03	33.19 -3.08 0.00	42.40 -3.99 0.00	48.36 -4.38 0.00	41.19 -2.31 0.00	37.16 -1.83 0.00	34.21 -1.43 0.00	30.89 -1.59 0.00	29.28 -1.74 0.00	28.84 -1.91 0.00	28.83 -2.00 0.00	30.07 -1.92 0.00	32.15 -2.12 0.00	37.61 -2.53 0.00	43.15 -3.10 0.00	52.88 -3.38 0.00	53.01 -3.03 0.00	46.41 -1.78 0.00	39.88 -1.79 0.00	37.73 -0.89 0.00
BETHLHEM_115KV_TB1 79974	33.73 0.88 -1.56	34.93 0.86 -3.29	32.32 0.94 0.00	31.74 0.92 -0.09	33.55 0.97 -0.18	37.25 0.98 0.00	47.64 1.25 0.00	53.47 0.74 0.00	44.01 0.52 0.00	39.43 0.43 0.00	36.20 0.57 0.00	33.03 0.55 0.00	31.60 0.59 0.00	31.39 0.65 0.00	31.42 0.59 0.00	32.69 0.70 0.00	35.06 0.79 0.00	41.22 1.08 0.00	47.54 1.29 0.00	57.66 1.41 0.00	57.38 1.34 0.00	49.26 1.06 0.00	42.59 0.92 0.00	39.47 0.85 0.00
BETHPAGE_CC_5 323564	35.82 3.13 -1.39	36.35 2.86 -2.71	34.30 2.92 0.00	33.63 2.83 -0.07	35.43 2.88 -0.15	39.61 3.34 0.00	51.21 4.64 -0.18	58.68 5.32 -0.62	48.33 4.13 -0.71	43.52 3.71 -0.82	39.84 3.28 -0.93	36.69 3.09 -1.12	35.14 2.95 -1.17	34.89 2.95 -1.19	34.99 2.96 -1.20	36.19 3.04 -1.16	38.71 3.39 -1.05	44.82 3.94 -0.75	51.20 4.62 -0.33	61.83 5.57 0.00	62.81 5.38 -1.40	52.92 4.53 -0.20	45.93 3.83 -0.43	42.26 3.44 -0.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.17 -3.35 -0.22	27.94 -3.29 -0.46	28.59 -2.79 0.00	27.97 -2.77 -0.01	29.11 -3.30 -0.03	33.26 -3.01 0.00	42.49 -3.90 0.00	48.46 -4.27 0.00	41.27 -2.22 0.00	37.24 -1.75 0.00	34.28 -1.35 0.00	30.95 -1.53 0.00	29.34 -1.67 0.00	28.87 -1.88 0.00	28.89 -1.94 0.00	30.14 -1.86 0.00	32.18 -2.09 0.00	37.73 -2.41 0.00	43.29 -2.96 0.00	53.05 -3.21 0.00	53.17 -2.86 0.00	46.56 -1.64 0.00	39.96 -1.71 0.00	37.85 -0.77 0.00

BINGHAMTON___COGEN 23790	31.49 -0.22 -0.41	31.40 -0.25 -0.87	31.32 -0.06 0.00	30.66 -0.09 -0.02	32.28 -0.16 -0.05	36.31 0.04 0.00	46.58 0.19 0.00	53.05 0.32 0.00	44.01 0.52 0.00	39.43 0.43 0.00	36.03 0.39 0.00	32.74 0.26 0.00	31.20 0.19 0.00	30.87 0.12 0.00	30.93 0.09 0.00	32.15 0.16 0.00	34.44 0.17 0.00	40.33 0.20 0.00	46.53 0.28 0.00	56.70 0.45 0.00	56.54 0.50 0.00	48.73 0.53 0.00	41.92 0.25 0.00	39.09 0.46 0.00
BIXINCNT_115KV_LOAD 355685	27.12 -4.41 -0.23	26.92 -4.34 -0.49	27.80 -3.58 0.00	27.24 -3.50 -0.01	28.18 -4.24 -0.03	32.61 -3.66 0.00	41.61 -4.78 0.00	47.62 -5.12 0.00	40.36 -3.13 0.00	36.42 -2.57 0.00	33.39 -2.24 0.00	30.24 -2.24 0.00	28.53 -2.48 0.00	28.10 -2.64 0.00	28.09 -2.74 0.00	29.30 -2.69 0.00	31.36 -2.91 0.00	37.08 -3.05 0.00	42.55 -3.70 0.00	52.54 -3.71 0.00	52.95 -3.08 0.00	46.46 -1.74 0.00	39.96 -1.71 0.00	37.93 -0.70 0.00
BLACK RIVER___HYD 24047	32.62 -0.22 -1.54	32.18 -0.18 -1.59	32.70 -0.16 -1.47	31.93 -0.25 -1.45	33.72 -0.19 -1.52	38.11 0.18 -1.65	48.72 0.33 -2.00	53.54 0.47 -0.33	45.48 0.09 -1.90	40.59 -0.16 -1.75	37.05 -0.21 -1.63	33.76 -0.23 -1.51	32.13 -0.34 -1.46	31.89 -0.31 -1.45	32.04 -0.25 -1.45	33.20 -0.29 -1.50	35.58 -0.28 -1.58	41.64 -0.28 -1.79	47.91 0.14 -1.52	59.39 0.79 -2.35	59.33 0.95 -2.35	50.89 0.62 -2.07	43.58 0.33 -1.58	40.32 0.23 -1.46
BLACKRVR_115KV_TB2 79977	32.61 -0.22 -1.54	32.18 -0.18 -1.59	32.70 -0.16 -1.47	31.93 -0.25 -1.45	33.72 -0.19 -1.52	38.11 0.18 -1.65	48.72 0.32 -2.00	53.54 0.47 -0.33	45.44 0.04 -1.90	40.55 -0.19 -1.75	37.05 -0.21 -1.63	33.76 -0.23 -1.51	32.13 -0.34 -1.46	31.89 -0.31 -1.45	32.04 -0.25 -1.45	33.20 -0.29 -1.50	35.58 -0.27 -1.58	41.60 -0.32 -1.79	47.91 0.14 -1.52	59.34 0.73 -2.35	59.33 0.95 -2.35	50.89 0.63 -2.07	43.58 0.33 -1.58	40.32 0.23 -1.46
BLISS_WT_PWR 323608	26.77 -4.76 -0.23	26.59 -4.68 -0.49	27.46 -3.92 0.00	26.99 -3.75 -0.01	28.11 -4.31 -0.03	32.25 -4.03 0.00	41.15 -5.24 0.00	46.93 -5.80 0.00	39.88 -3.61 0.00	35.76 -3.24 0.00	32.96 -2.67 0.00	29.91 -2.57 0.00	28.16 -2.85 0.00	27.77 -2.98 0.00	27.78 -3.05 0.00	28.95 -3.04 0.00	30.95 -3.32 0.00	36.36 -3.77 0.00	41.72 -4.53 0.00	51.87 -4.39 0.00	52.67 -3.36 0.00	46.08 -2.12 0.00	39.84 -1.83 0.00	37.77 -0.85 0.00
BLUESTONE___WT_PWR 323821	32.93 1.19 -0.45	32.95 1.23 -0.94	32.79 1.41 0.00	32.10 1.35 -0.03	33.84 1.39 -0.05	38.27 1.99 0.00	49.27 2.88 0.00	57.58 4.85 0.00	47.36 3.87 0.00	42.04 3.04 0.00	38.23 2.60 0.00	34.79 2.31 0.00	32.97 1.96 0.00	32.59 1.84 0.00	32.81 1.98 0.00	34.20 2.21 0.00	36.84 2.57 0.00	42.30 2.17 0.00	48.93 2.68 0.00	59.91 3.65 0.00	59.84 3.81 0.00	51.38 3.18 0.00	44.13 2.46 0.00	41.02 2.40 0.00
BLUE_CIRC_CHEM_DRP 24182	33.89 1.06 -1.53	35.09 1.08 -3.24	32.57 1.19 0.00	31.98 1.17 -0.09	33.81 1.23 -0.18	37.58 1.31 0.00	48.11 1.72 0.00	54.27 1.53 0.00	44.62 1.13 0.00	39.93 0.94 0.00	36.52 0.89 0.00	33.29 0.81 0.00	31.82 0.81 0.00	31.58 0.83 0.00	31.60 0.77 0.00	32.79 0.80 0.00	35.23 0.96 0.00	41.42 1.28 0.00	47.82 1.57 0.00	58.11 1.86 0.00	57.83 1.79 0.00	49.69 1.49 0.00	43.01 1.33 0.00	39.82 1.20 0.00
BOC_GAS_DRP 24189	33.85 1.00 -1.55	35.03 0.98 -3.28	32.42 1.04 0.00	31.83 1.01 -0.09	33.65 1.07 -0.18	37.40 1.12 0.00	47.92 1.53 0.00	54.27 1.53 0.00	44.67 1.17 0.00	40.05 1.05 0.00	36.63 1.00 0.00	33.39 0.91 0.00	31.91 0.90 0.00	31.67 0.92 0.00	31.73 0.89 0.00	32.89 0.90 0.00	35.30 1.03 0.00	41.42 1.28 0.00	47.73 1.48 0.00	57.94 1.69 0.00	57.66 1.62 0.00	49.54 1.35 0.00	42.84 1.17 0.00	39.63 1.00 0.00
BOONVILLE_115KV_TB1 79983	32.49 0.31 -0.88	32.03 0.34 -0.91	32.59 0.38 -0.83	31.86 0.31 -0.82	33.61 0.36 -0.86	37.86 0.65 -0.94	48.45 0.93 -1.14	54.54 1.16 -0.64	45.40 0.83 -1.08	40.61 0.62 -0.99	37.09 0.53 -0.92	33.82 0.49 -0.85	32.24 0.40 -0.82	31.97 0.40 -0.82	32.12 0.46 -0.82	33.32 0.48 -0.85	35.71 0.55 -0.89	41.75 0.60 -1.01	48.10 0.88 -0.98	58.88 1.29 -1.33	58.76 1.40 -1.33	50.43 1.06 -1.17	43.36 0.79 -0.89	40.15 0.70 -0.83
BORALEX_4TH_BRANCH 23824	34.71 1.85 -1.56	35.93 1.85 -3.31	33.26 1.88 0.00	32.69 1.87 -0.09	34.55 1.98 -0.19	38.45 2.18 0.00	49.50 3.11 0.00	56.01 3.27 0.00	46.01 2.52 0.00	41.18 2.18 0.00	37.66 2.03 0.00	34.33 1.85 0.00	32.78 1.77 0.00	32.56 1.81 0.00	32.62 1.79 0.00	33.81 1.82 0.00	36.33 2.06 0.00	42.66 2.53 0.00	49.16 2.91 0.00	59.57 3.32 0.00	59.23 3.19 0.00	50.89 2.70 0.00	43.96 2.29 0.00	40.48 1.85 0.00
BOWLINE___1 23526	34.65 2.13 -1.23	35.40 2.03 -2.60	33.45 2.07 0.00	32.86 2.06 -0.07	34.68 2.14 -0.15	38.67 2.39 0.00	49.64 3.25 0.00	56.58 3.85 0.00	46.45 2.96 0.00	41.65 2.65 0.00	37.98 2.35 0.00	34.62 2.14 0.00	33.06 2.05 0.00	32.78 2.03 0.00	32.90 2.07 0.00	34.10 2.11 0.00	36.71 2.43 0.00	42.94 2.81 0.00	49.58 3.33 0.00	60.19 3.94 0.00	59.84 3.81 0.00	51.38 3.18 0.00	44.34 2.67 0.00	40.90 2.28 0.00
BOWLINE___2 23595	34.65 2.13 -1.23	35.40 2.03 -2.60	33.48 2.10 0.00	32.86 2.06 -0.07	34.71 2.17 -0.15	38.67 2.39 0.00	49.64 3.25 0.00	56.64 3.90 0.00	46.49 3.00 0.00	41.69 2.69 0.00	37.98 2.35 0.00	34.62 2.14 0.00	33.09 2.08 0.00	32.78 2.03 0.00	32.93 2.10 0.00	34.13 2.14 0.00	36.71 2.43 0.00	42.98 2.85 0.00	49.58 3.33 0.00	60.19 3.94 0.00	59.84 3.81 0.00	51.38 3.18 0.00	44.38 2.71 0.00	40.94 2.32 0.00
BRADY___115KV_TB2 356060	33.47 -0.56 -2.74	32.92 -0.55 -2.70	33.59 -0.53 -2.74	32.87 -0.55 -2.69	34.62 -0.58 -2.81	38.81 -0.54 -3.08	49.05 -1.07 -3.73	47.12 -1.16 4.46	46.13 -0.91 -3.55	41.28 -0.97 -3.26	37.74 -0.93 -3.03	34.41 -0.88 -2.81	32.92 -0.81 -2.71	32.71 -0.74 -2.70	32.89 -0.65 -2.71	34.04 -0.74 -2.79	36.46 -0.75 -2.94	42.58 -0.88 -3.33	46.75 -1.06 -1.57	59.40 -1.24 -4.38	59.34 -1.06 -4.37	51.09 -0.96 -3.86	44.20 -0.42 -2.94	41.04 -0.31 -2.72
BRANSCOMB___SOLAR 323811	34.81 1.91 -1.60	36.04 1.88 -3.39	33.33 1.95 0.00	32.76 1.94 -0.09	34.66 2.07 -0.19	38.67 2.39 0.00	49.68 3.29 0.00	56.22 3.48 0.00	46.19 2.70 0.00	41.34 2.34 0.00	37.70 2.07 0.00	34.36 1.88 0.00	32.81 1.80 0.00	32.62 1.88 0.00	32.59 1.76 0.00	33.88 1.89 0.00	36.43 2.16 0.00	42.90 2.77 0.00	49.16 2.92 0.00	59.80 3.55 0.00	59.45 3.42 0.00	50.94 2.75 0.00	44.00 2.33 0.00	40.67 2.05 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.99 3.32 -1.38	36.50 3.02 -2.71	34.49 3.11 0.00	33.78 2.98 -0.07	35.56 3.01 -0.15	39.90 3.63 0.00	51.60 5.06 -0.15	58.95 5.70 -0.52	48.43 4.35 -0.59	43.54 3.86 -0.69	39.69 3.28 -0.78	36.51 3.09 -0.94	34.97 2.98 -0.98	34.73 2.98 -1.00	34.83 2.99 -1.00	36.06 3.10 -0.97	38.54 3.39 -0.88	45.10 4.33 -0.63	51.57 5.04 -0.28	62.16 5.91 0.00	62.86 5.66 -1.17	53.23 4.87 -0.17	46.24 4.21 -0.36	42.38 3.59 -0.17

BRISTLHL_115KV_TB1 79998	30.83 -0.56 -0.10	30.43 -0.55 -0.21	30.82 -0.56 0.00	30.15 -0.58 -0.01	31.82 -0.58 -0.01	35.62 -0.65 0.00	45.60 -0.79 0.00	51.84 -0.90 0.00	42.84 -0.65 0.00	38.45 -0.55 0.00	35.17 -0.46 0.00	32.02 -0.45 0.00	30.55 -0.47 0.00	30.26 -0.49 0.00	30.31 -0.52 0.00	31.48 -0.51 0.00	33.66 -0.62 0.00	39.37 -0.76 0.00	45.42 -0.83 0.00	55.35 -0.90 0.00	55.19 -0.84 0.00	47.47 -0.72 0.00	40.88 -0.79 0.00	37.93 -0.70 0.00
BROOKHAVEN___DRP 24191	35.77 3.10 -1.37	36.22 2.74 -2.71	34.27 2.89 0.00	33.60 2.80 -0.07	35.30 2.75 -0.15	39.65 3.37 0.00	51.27 4.73 -0.15	58.56 5.33 -0.50	47.94 3.87 -0.58	43.02 3.35 -0.67	38.99 2.60 -0.76	36.06 2.66 -0.92	34.51 2.54 -0.96	34.30 2.58 -0.97	34.40 2.59 -0.98	35.62 2.69 -0.94	37.94 2.81 -0.86	44.60 3.85 -0.62	51.05 4.53 -0.27	61.54 5.29 0.00	61.99 4.82 -1.14	52.74 4.39 -0.16	45.77 3.75 -0.35	41.84 3.05 -0.16
BROOKLYN_NAVY_YARD 23515	37.14 2.94 -2.90	36.22 2.74 -2.71	34.17 2.79 0.00	33.57 2.77 -0.07	35.43 2.88 -0.15	39.50 3.23 0.00	53.84 4.45 -3.00	67.93 5.22 -9.97	59.03 4.09 -11.46	55.89 3.66 -13.23	53.89 3.28 -14.98	53.54 2.99 -18.08	52.76 2.88 -18.86	52.75 2.83 -19.18	52.94 2.87 -19.24	53.51 2.94 -18.57	54.47 3.32 -16.87	55.94 3.94 -11.87	55.92 4.58 -5.10	61.71 5.46 0.00	83.76 5.33 -22.40	55.98 4.48 -3.30	52.12 3.79 -6.66	45.29 3.32 -3.35
BROOKLYN___ARMY_DRP 323595	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.13 4.86 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
BROOKVLE_69_KV_TB1 55790	35.83 3.10 -1.44	36.35 2.86 -2.71	34.30 2.92 0.00	33.66 2.86 -0.07	35.46 2.92 -0.15	39.68 3.41 0.00	51.33 4.69 -0.26	59.05 5.43 -0.88	48.81 4.31 -1.01	44.03 3.86 -1.17	40.41 3.46 -1.32	37.26 3.18 -1.60	35.72 3.04 -1.67	35.46 3.01 -1.70	35.59 3.05 -1.70	36.77 3.14 -1.64	39.26 3.50 -1.49	45.34 4.13 -1.07	51.43 4.72 -0.46	61.82 5.57 0.00	63.51 5.49 -1.98	53.11 4.63 -0.28	46.28 4.00 -0.60	42.46 3.55 -0.29
BROOME_2_LFGE 323671	31.49 -0.22 -0.41	31.40 -0.25 -0.87	31.32 -0.06 0.00	30.69 -0.06 -0.02	32.31 -0.13 -0.05	36.31 0.04 0.00	46.53 0.14 0.00	53.00 0.27 0.00	44.01 0.52 0.00	39.39 0.39 0.00	36.03 0.39 0.00	32.74 0.26 0.00	31.20 0.19 0.00	30.87 0.12 0.00	30.93 0.09 0.00	32.15 0.16 0.00	34.44 0.17 0.00	40.21 0.08 0.00	46.39 0.14 0.00	56.59 0.34 0.00	56.54 0.50 0.00	48.68 0.48 0.00	41.92 0.25 0.00	39.09 0.47 0.00
BROOME___LFGE 323600	31.49 -0.22 -0.41	31.40 -0.25 -0.87	31.32 -0.06 0.00	30.69 -0.06 -0.02	32.31 -0.13 -0.05	36.31 0.04 0.00	46.53 0.14 0.00	53.00 0.27 0.00	44.01 0.52 0.00	39.39 0.39 0.00	36.03 0.39 0.00	32.74 0.26 0.00	31.20 0.19 0.00	30.87 0.12 0.00	30.93 0.09 0.00	32.15 0.16 0.00	34.44 0.17 0.00	40.21 0.08 0.00	46.39 0.14 0.00	56.59 0.34 0.00	56.54 0.50 0.00	48.68 0.48 0.00	41.92 0.25 0.00	39.09 0.47 0.00
BROWNFLS_115KV_TB_3_5 80003	34.12 -1.03 -3.86	33.64 -0.98 -3.85	34.21 -1.00 -3.83	33.48 -1.01 -3.77	35.26 -1.07 -3.93	39.64 -0.94 -4.31	50.21 -1.39 -5.21	51.64 -1.48 -0.38	47.14 -1.30 -4.96	42.26 -1.29 -4.55	38.62 -1.25 -4.24	35.27 -1.14 -3.93	33.66 -1.15 -3.79	33.50 -1.01 -3.77	33.69 -0.93 -3.78	34.83 -1.06 -3.89	37.25 -1.13 -4.11	43.46 -1.32 -4.65	48.71 -1.39 -3.85	60.86 -1.52 -6.12	60.79 -1.34 -6.11	52.33 -1.25 -5.39	44.82 -0.96 -4.11	41.50 -0.93 -3.80
BROWNSV1_27_KV_LOAD 356125	37.23 3.04 -2.90	36.41 2.92 -2.71	34.36 2.98 0.00	33.72 2.92 -0.07	35.56 3.01 -0.15	39.68 3.41 0.00	54.03 4.64 -3.00	68.09 5.38 -9.97	59.25 4.31 -11.46	56.09 3.86 -13.23	54.03 3.42 -14.98	53.67 3.12 -18.08	52.88 3.01 -18.86	52.91 2.98 -19.18	53.09 3.02 -19.24	53.67 3.10 -18.57	54.60 3.46 -16.87	56.18 4.17 -11.87	56.11 4.76 -5.10	61.99 5.74 0.00	84.04 5.60 -22.40	56.22 4.72 -3.30	52.37 4.04 -6.66	45.49 3.51 -3.35
BURROWS___LYONSDAL 23803	32.52 0.09 -1.13	32.06 0.12 -1.17	32.63 0.16 -1.09	31.89 0.09 -1.07	33.64 0.13 -1.12	37.93 0.44 -1.22	48.52 0.65 -1.48	54.18 0.84 -0.60	45.42 0.52 -1.41	40.60 0.31 -1.29	37.09 0.25 -1.20	33.82 0.23 -1.12	32.25 0.16 -1.08	31.97 0.15 -1.07	32.12 0.22 -1.07	33.32 0.22 -1.11	35.71 0.27 -1.17	41.74 0.28 -1.32	48.07 0.60 -1.22	58.95 0.96 -1.74	58.83 1.06 -1.74	50.50 0.77 -1.53	43.38 0.54 -1.17	40.17 0.46 -1.08
CAITHNESS_CC_1 323624	35.74 3.07 -1.37	36.22 2.74 -2.71	34.24 2.86 0.00	33.60 2.80 -0.07	35.30 2.75 -0.15	39.61 3.34 0.00	51.22 4.68 -0.14	58.51 5.27 -0.50	47.90 3.83 -0.58	43.06 3.39 -0.67	39.03 2.64 -0.76	36.06 2.66 -0.92	34.58 2.61 -0.96	34.33 2.61 -0.97	34.43 2.62 -0.98	35.49 2.56 -0.94	37.97 2.84 -0.86	44.40 3.65 -0.62	51.00 4.48 -0.27	61.66 5.40 0.00	62.10 4.93 -1.14	52.60 4.24 -0.16	45.65 3.62 -0.35	41.57 2.78 -0.16
CALPINE BETH_PAGE_GT4 24209	35.76 3.07 -1.40	36.29 2.80 -2.71	34.24 2.86 0.00	33.57 2.77 -0.07	35.36 2.82 -0.15	39.47 3.19 0.00	51.03 4.45 -0.19	58.51 5.12 -0.66	48.21 3.96 -0.76	43.46 3.59 -0.88	39.76 3.14 -1.00	36.70 3.02 -1.20	35.15 2.88 -1.26	34.92 2.89 -1.28	35.01 2.90 -1.28	36.23 3.01 -1.24	38.72 3.32 -1.12	44.83 3.89 -0.81	51.04 4.44 -0.35	61.60 5.34 0.00	62.68 5.15 -1.49	52.75 4.34 -0.21	45.88 3.75 -0.46	42.28 3.44 -0.22
CALPINE_BETH_PAGE_GT_4 323586	35.77 3.07 -1.40	36.28 2.80 -2.71	34.24 2.86 0.00	33.57 2.77 -0.07	35.36 2.82 -0.15	39.47 3.19 0.00	51.04 4.45 -0.19	58.51 5.11 -0.66	48.21 3.96 -0.76	43.46 3.59 -0.88	39.77 3.14 -1.00	36.70 3.02 -1.20	35.18 2.91 -1.26	34.91 2.89 -1.28	35.01 2.90 -1.28	36.20 2.98 -1.24	38.72 3.32 -1.12	44.71 3.77 -0.81	51.04 4.44 -0.35	61.60 5.35 0.00	62.68 5.15 -1.49	52.75 4.34 -0.21	45.80 3.67 -0.46	42.24 3.40 -0.22
CALPINE_BP_GT1 23823	35.77 3.07 -1.40	36.28 2.80 -2.71	34.24 2.86 0.00	33.57 2.77 -0.07	35.36 2.82 -0.15	39.47 3.19 0.00	51.04 4.45 -0.19	58.51 5.11 -0.66	48.21 3.96 -0.76	43.46 3.59 -0.88	39.77 3.14 -1.00	36.70 3.02 -1.20	35.18 2.91 -1.26	34.91 2.89 -1.28	35.01 2.90 -1.28	36.20 2.98 -1.24	38.72 3.32 -1.12	44.71 3.77 -0.81	51.04 4.44 -0.35	61.60 5.35 0.00	62.68 5.15 -1.49	52.75 4.34 -0.21	45.80 3.67 -0.46	42.24 3.40 -0.22
CALSPAN___DRP 24200	28.22 -3.29 -0.22	28.03 -3.20 -0.45	28.56 -2.82 0.00	27.91 -2.83 -0.01	29.18 -3.24 -0.03	33.19 -3.08 0.00	42.40 -3.99 0.00	48.36 -4.38 0.00	41.19 -2.31 0.00	37.16 -1.83 0.00	34.21 -1.43 0.00	30.89 -1.59 0.00	29.28 -1.74 0.00	28.84 -1.91 0.00	28.83 -2.00 0.00	30.07 -1.92 0.00	32.15 -2.12 0.00	37.61 -2.53 0.00	43.15 -3.10 0.00	52.88 -3.38 0.00	53.01 -3.03 0.00	46.41 -1.78 0.00	39.88 -1.79 0.00	37.73 -0.89 0.00

CALVERTON___SOLAR 323806	35.80 3.13 -1.37	36.26 2.77 -2.71	34.30 2.92 0.00	33.63 2.83 -0.07	35.33 2.79 -0.15	39.68 3.41 0.00	51.31 4.78 -0.15	58.62 5.38 -0.50	47.90 3.83 -0.58	43.02 3.35 -0.67	38.92 2.53 -0.76	36.03 2.63 -0.92	34.52 2.54 -0.96	34.27 2.55 -0.97	34.37 2.56 -0.98	35.40 2.46 -0.94	37.90 2.77 -0.86	44.40 3.65 -0.62	51.00 4.48 -0.27	61.77 5.52 0.00	62.10 4.93 -1.14	52.60 4.24 -0.16	45.65 3.62 -0.35	41.49 2.70 -0.16
CANDIGU_WT_PWR 323617	29.23 -2.35 -0.28	29.03 -2.34 -0.60	29.37 -2.01 0.00	28.81 -1.93 -0.02	30.26 -2.17 -0.03	34.17 -2.10 0.00	43.84 -2.55 0.00	49.89 -2.85 0.00	41.88 -1.61 0.00	37.44 -1.56 0.00	34.35 -1.28 0.00	31.02 -1.46 0.00	29.46 -1.55 0.00	29.09 -1.66 0.00	29.11 -1.73 0.00	30.33 -1.66 0.00	32.49 -1.78 0.00	37.97 -2.17 0.00	43.80 -2.45 0.00	53.89 -2.36 0.00	54.24 -1.80 0.00	47.04 -1.16 0.00	40.51 -1.17 0.00	38.24 -0.39 0.00
CARR STREET_E_SYR 24060	31.07 -0.34 -0.12	30.68 -0.34 -0.25	31.04 -0.34 0.00	30.40 -0.34 -0.01	32.05 -0.36 -0.01	35.91 -0.36 0.00	45.97 -0.42 0.00	52.31 -0.42 0.00	43.27 -0.22 0.00	38.84 -0.16 0.00	35.53 -0.11 0.00	32.38 -0.10 0.00	30.89 -0.12 0.00	30.60 -0.15 0.00	30.65 -0.18 0.00	31.83 -0.16 0.00	34.03 -0.24 0.00	39.77 -0.36 0.00	45.79 -0.46 0.00	55.86 -0.39 0.00	55.70 -0.33 0.00	47.91 -0.29 0.00	41.26 -0.42 0.00	38.31 -0.31 0.00
CARTHAGE___PAPER 23857	32.67 -0.41 -1.79	32.20 -0.40 -1.83	32.73 -0.38 -1.73	32.00 -0.43 -1.70	33.75 -0.42 -1.78	38.14 -0.07 -1.94	48.69 -0.05 -2.35	53.16 0.05 -0.37	45.51 -0.22 -2.24	40.62 -0.43 -2.05	37.05 -0.50 -1.91	33.76 -0.49 -1.77	32.17 -0.56 -1.71	31.93 -0.52 -1.70	32.11 -0.43 -1.71	33.27 -0.48 -1.76	35.65 -0.48 -1.85	41.79 -0.44 -2.10	47.85 -0.18 -1.78	59.30 0.28 -2.76	59.23 0.45 -2.75	50.82 0.19 -2.43	43.57 0.04 -1.85	40.30 -0.04 -1.72
CASSADAGA_WT_PWR 323784	27.64 -3.88 -0.23	27.44 -3.82 -0.49	28.21 -3.17 0.00	27.73 -3.01 -0.01	28.89 -3.53 -0.03	32.90 -3.37 0.00	42.35 -4.04 0.00	48.41 -4.32 0.00	41.18 -2.31 0.00	36.81 -2.18 0.00	33.96 -1.67 0.00	30.66 -1.82 0.00	28.94 -2.08 0.00	28.47 -2.28 0.00	28.46 -2.37 0.00	29.69 -2.30 0.00	31.80 -2.47 0.00	37.16 -2.97 0.00	42.87 -3.37 0.00	53.22 -3.04 0.00	53.85 -2.19 0.00	46.99 -1.20 0.00	40.80 -0.88 0.00	38.86 0.23 0.00
CE_DUNWOOD___DRP 24194	35.11 2.47 -1.34	35.88 2.40 -2.71	33.83 2.45 0.00	33.20 2.40 -0.07	35.01 2.46 -0.15	39.07 2.79 0.00	50.31 3.80 -0.11	57.54 4.43 -0.38	47.41 3.48 -0.43	42.62 3.12 -0.50	38.98 2.78 -0.57	35.70 2.53 -0.69	34.18 2.45 -0.72	33.91 2.43 -0.73	34.03 2.47 -0.73	35.19 2.50 -0.71	37.76 2.84 -0.64	44.00 3.41 -0.45	50.33 3.88 -0.19	60.87 4.61 0.00	61.37 4.48 -0.85	52.08 3.76 -0.13	45.13 3.21 -0.25	41.53 2.78 -0.13
CE_MILLWOOD___DRP 24193	35.00 2.38 -1.33	35.78 2.31 -2.70	33.73 2.35 0.00	33.10 2.30 -0.07	34.94 2.40 -0.15	38.96 2.68 0.00	50.15 3.66 -0.09	57.31 4.27 -0.30	47.19 3.35 -0.35	42.40 3.00 -0.40	38.76 2.67 -0.46	35.47 2.44 -0.55	33.95 2.36 -0.57	33.67 2.34 -0.58	33.79 2.37 -0.59	34.99 2.43 -0.57	37.53 2.74 -0.51	43.79 3.29 -0.36	50.15 3.75 -0.16	60.70 4.44 0.00	61.03 4.31 -0.68	51.91 3.61 -0.10	44.96 3.08 -0.20	41.39 2.66 -0.10
CE_NYC2_DRP 24202	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.61 2.86 -2.03	36.54 2.98 -1.17	40.88 3.37 -1.23	54.49 4.45 -3.65	70.05 5.17 -12.15	64.06 4.13 -16.44	60.26 3.74 -17.52	58.62 3.28 -19.71	59.68 3.02 -24.18	59.15 2.92 -25.22	59.18 2.89 -25.54	59.18 2.93 -25.42	59.71 3.01 -24.71	61.28 3.36 -23.65	87.85 4.05 -43.66	93.91 4.62 -43.04	106.50 5.51 -44.73	90.01 5.38 -28.60	60.23 4.53 -7.50	53.66 3.88 -8.11	52.04 3.40 -10.02
CE_NYC_DRP 24195	36.95 2.85 -2.81	36.22 2.74 -2.71	34.17 2.79 0.00	33.57 2.77 -0.07	35.39 2.85 -0.15	39.50 3.23 0.00	53.58 4.36 -2.83	67.20 5.06 -9.40	58.34 4.04 -10.80	55.10 3.63 -12.48	52.97 3.21 -14.13	52.48 2.96 -17.05	51.62 2.82 -17.78	51.63 2.80 -18.08	51.81 2.84 -18.14	52.42 2.91 -17.51	53.44 3.26 -15.91	55.26 3.93 -11.20	55.54 4.49 -4.80	61.60 5.34 0.00	82.37 5.21 -21.12	55.70 4.39 -3.11	51.70 3.75 -6.28	45.02 3.24 -3.16
CHAFFEE___LFGE 323603	28.10 -3.44 -0.24	27.81 -3.48 -0.52	29.18 -2.20 0.00	28.65 -2.09 -0.01	29.67 -2.75 -0.03	33.99 -2.28 0.00	43.61 -2.78 0.00	49.84 -2.90 0.00	42.14 -1.35 0.00	37.55 -1.44 0.00	34.64 -1.00 0.00	31.28 -1.20 0.00	29.56 -1.46 0.00	29.12 -1.63 0.00	29.14 -1.70 0.00	30.39 -1.60 0.00	32.59 -1.68 0.00	37.93 -2.21 0.00	43.66 -2.59 0.00	53.72 -2.53 0.00	54.07 -1.96 0.00	46.90 -1.30 0.00	40.38 -1.29 0.00	38.27 -0.35 0.00
CHATEAUG_35_KV_LOAD 355732	-9.70 -1.66 39.34	-9.63 -1.60 38.81	-9.67 -1.66 39.39	-9.59 -1.63 38.69	-9.71 -1.72 40.38	-9.88 -1.89 44.26	-9.84 -2.60 53.64	-9.84 -2.90 59.68	-9.86 -2.39 50.96	-9.91 -2.14 46.76	-9.92 -2.00 43.55	-9.84 -1.92 40.40	-9.73 -1.80 38.95	-9.72 -1.72 38.75	-9.70 -1.67 38.87	-9.78 -1.76 40.01	-9.90 -1.92 42.25	-9.91 -2.21 47.83	-9.89 -2.64 53.51	-9.81 -3.15 62.92	-9.82 -3.08 62.77	-9.79 -2.60 55.39	-2.61 -2.04 42.24	-2.34 -1.85 39.11
CHATEAUG_WT_PWR 323614	-6.94 -1.59 36.64	-6.94 -1.57 36.14	-6.94 -1.63 36.69	-6.94 -1.63 36.04	-6.90 -1.69 37.61	-6.80 -1.85 41.22	-6.12 -2.55 49.95	-6.46 -2.85 56.35	-6.31 -2.35 47.46	-6.66 -2.11 43.55	-6.89 -1.96 40.56	-6.97 -1.82 37.63	-6.97 -1.71 36.28	-6.97 -1.63 36.09	-6.97 -1.60 36.20	-6.97 -1.70 37.26	-6.93 -1.85 39.35	-6.54 -2.13 44.55	-6.32 -2.54 50.02	-5.44 -3.09 58.60	-5.45 -3.03 58.46	-5.94 -2.56 51.58	0.33 -2.00 39.34	0.39 -1.81 36.42
CHAT_HIGH_FALL_HYD 323578	-9.70 -1.66 39.34	-9.63 -1.60 38.81	-9.67 -1.66 39.39	-9.59 -1.63 38.69	-9.71 -1.72 40.38	-9.88 -1.89 44.26	-9.84 -2.60 53.64	-9.84 -2.90 59.68	-9.86 -2.39 50.96	-9.91 -2.14 46.76	-9.92 -2.00 43.55	-9.84 -1.92 40.40	-9.73 -1.80 38.95	-9.72 -1.72 38.75	-9.70 -1.67 38.87	-9.78 -1.76 40.01	-9.90 -1.92 42.25	-9.91 -2.21 47.83	-9.89 -2.64 53.51	-9.81 -3.15 62.92	-9.82 -3.08 62.77	-9.79 -2.60 55.39	-2.61 -2.04 42.24	-2.34 -1.85 39.11
CHAUTAUQUA___LFGE 323629	28.42 -3.10 -0.23	28.17 -3.08 -0.48	28.84 -2.54 0.00	28.34 -2.40 -0.01	29.60 -2.82 -0.03	33.59 -2.68 0.00	43.10 -3.29 0.00	49.15 -3.59 0.00	41.79 -1.70 0.00	37.36 -1.64 0.00	34.49 -1.14 0.00	31.12 -1.36 0.00	29.43 -1.58 0.00	28.96 -1.78 0.00	28.98 -1.85 0.00	30.23 -1.76 0.00	32.39 -1.88 0.00	37.73 -2.41 0.00	43.43 -2.82 0.00	53.67 -2.59 0.00	54.13 -1.91 0.00	47.18 -1.01 0.00	40.80 -0.88 0.00	38.74 0.12 0.00
CHERRYST_13_KV_LD 356241	37.06 2.94 -2.82	36.32 2.83 -2.71	34.27 2.89 0.00	33.63 2.83 -0.07	35.49 2.95 -0.15	39.61 3.34 0.00	53.73 4.50 -2.84	67.42 5.22 -9.46	58.53 4.18 -10.87	55.29 3.74 -12.55	53.19 3.35 -14.21	52.68 3.05 -17.15	51.85 2.95 -17.89	51.86 2.92 -18.19	52.04 2.96 -18.25	52.62 3.01 -17.62	53.67 3.39 -16.01	55.45 4.05 -11.26	55.71 4.62 -4.83	61.77 5.51 0.00	82.66 5.38 -21.25	55.86 4.53 -3.13	51.87 3.88 -6.32	45.16 3.36 -3.18

CHESTROR_138KV_BK263 355645	34.29 1.82 -1.18	35.01 1.75 -2.49	33.17 1.79 0.00	32.55 1.75 -0.07	34.35 1.81 -0.14	38.34 2.07 0.00	49.17 2.78 0.00	56.01 3.27 0.00	46.06 2.57 0.00	41.26 2.26 0.00	37.63 2.00 0.00	34.30 1.82 0.00	32.75 1.74 0.00	32.47 1.72 0.00	32.59 1.76 0.00	33.78 1.79 0.00	36.36 2.09 0.00	42.62 2.49 0.00	49.12 2.87 0.00	59.69 3.43 0.00	59.34 3.31 0.00	50.89 2.70 0.00	44.01 2.33 0.00	40.63 2.01 0.00
CH_MIDHUDSON___DRP 24192	34.72 2.13 -1.30	35.57 2.06 -2.74	33.51 2.13 0.00	32.89 2.09 -0.07	34.68 2.14 -0.15	38.70 2.43 0.00	49.73 3.34 0.00	56.59 3.85 0.00	46.49 3.00 0.00	41.65 2.65 0.00	37.99 2.35 0.00	34.62 2.14 0.00	33.12 2.11 0.00	32.84 2.09 0.00	32.96 2.13 0.00	34.13 2.14 0.00	36.71 2.43 0.00	43.06 2.93 0.00	49.58 3.33 0.00	60.25 3.99 0.00	59.90 3.87 0.00	51.42 3.23 0.00	44.46 2.79 0.00	41.02 2.39 0.00
CH_MISC_IPPS 23765	34.79 2.22 -1.27	35.65 2.19 -2.69	33.61 2.23 0.00	32.98 2.18 -0.07	34.81 2.27 -0.15	38.85 2.58 0.00	49.91 3.52 0.00	56.80 4.06 0.00	46.66 3.17 0.00	41.81 2.81 0.00	38.13 2.49 0.00	34.75 2.27 0.00	33.22 2.20 0.00	32.93 2.18 0.00	33.05 2.22 0.00	34.26 2.27 0.00	36.84 2.57 0.00	43.15 3.01 0.00	49.76 3.51 0.00	60.53 4.27 0.00	60.18 4.15 0.00	51.67 3.47 0.00	44.63 2.96 0.00	41.17 2.55 0.00
CH_RES_BVR_FALLS 23983	30.36 -0.94 0.00	29.88 -0.89 0.00	30.44 -0.94 0.00	29.81 -0.92 0.00	31.45 -0.94 0.00	35.22 -1.05 0.00	44.94 -1.44 0.01	37.50 -1.64 13.60	42.10 -1.39 0.00	37.75 -1.25 0.00	34.46 -1.18 0.00	31.40 -1.07 0.01	29.99 -1.02 0.00	29.76 -0.99 0.00	29.88 -0.96 0.00	30.97 -1.02 0.00	33.17 -1.10 0.00	38.85 -1.29 0.00	41.41 -1.43 3.41	54.51 -1.74 0.00	54.35 -1.68 0.00	46.85 -1.35 0.00	40.67 -1.00 0.00	37.77 -0.85 0.00
CH_RES_NIAGARA 23895	27.83 -3.66 -0.20	27.63 -3.57 -0.42	27.77 -3.61 0.00	27.14 -3.60 -0.01	28.66 -3.76 -0.02	32.21 -4.06 0.00	40.96 -5.43 0.00	46.57 -6.17 0.00	39.79 -3.70 0.00	35.99 -3.00 0.00	33.21 -2.42 0.00	30.01 -2.47 0.00	28.47 -2.54 0.00	28.01 -2.74 0.00	28.06 -2.78 0.00	29.24 -2.75 0.00	31.22 -3.05 0.00	36.36 -3.77 0.00	41.67 -4.58 0.00	50.97 -5.29 0.00	51.05 -4.99 0.00	44.82 -3.37 0.00	38.55 -3.13 0.00	36.50 -2.12 0.00
CH_RES_SYRACUSE 23985	31.27 -0.16 -0.13	30.89 -0.15 -0.27	31.22 -0.16 0.00	30.58 -0.15 -0.01	32.21 -0.19 -0.02	36.13 -0.14 0.00	46.25 -0.16 0.00	52.58 -0.16 0.00	43.53 0.04 0.00	39.00 0.00 0.00	35.70 0.07 0.00	32.51 0.03 0.00	31.01 0.00 0.00	30.72 -0.03 0.00	30.77 -0.06 0.00	31.96 -0.03 0.00	34.17 -0.10 0.00	39.97 -0.16 0.00	46.02 -0.23 0.00	56.14 -0.11 0.00	56.03 0.00 0.00	48.15 -0.05 0.00	41.46 -0.21 0.00	38.51 -0.12 0.00
CLINTON_WT_PWR 323605	-6.94 -1.59 36.64	-6.94 -1.57 36.14	-6.94 -1.63 36.69	-6.94 -1.63 36.04	-6.90 -1.69 37.61	-6.80 -1.85 41.22	-6.12 -2.55 49.95	-6.46 -2.85 56.35	-6.31 -2.35 47.46	-6.66 -2.11 43.55	-6.89 -1.96 40.56	-6.97 -1.82 37.63	-6.97 -1.71 36.28	-6.97 -1.63 36.09	-6.97 -1.60 36.20	-6.97 -1.70 37.26	-6.93 -1.85 39.35	-6.54 -2.13 44.55	-6.32 -2.54 50.02	-5.44 -3.09 58.60	-5.45 -3.03 58.46	-5.94 -2.56 51.58	0.33 -2.00 39.34	0.39 -1.81 36.42
CLINTON___LFGE 323618	-7.47 -1.13 37.64	-7.46 -1.11 37.13	-7.47 -1.16 37.69	-7.49 -1.20 37.02	-7.51 -1.26 38.63	-7.42 -1.34 42.35	-6.78 -1.86 51.32	-6.79 -1.95 57.58	-6.87 -1.61 48.75	-7.18 -1.44 44.74	-7.43 -1.39 41.67	-7.44 -1.27 38.65	-7.40 -1.15 37.27	-7.40 -1.08 37.07	-7.37 -1.02 37.19	-7.34 -1.05 38.28	-7.35 -1.20 40.43	-6.99 -1.36 45.76	-6.82 -1.76 51.31	-5.85 -1.91 60.20	-5.82 -1.80 60.05	-6.38 -1.59 52.99	0.01 -1.25 40.41	0.01 -1.20 37.41
COBBLENY_34_KV_TB1 80064	28.10 -3.44 -0.24	27.81 -3.48 -0.52	29.18 -2.20 0.00	28.56 -2.18 -0.01	29.25 -3.17 -0.03	33.99 -2.29 0.00	43.61 -2.78 0.00	49.94 -2.80 0.00	42.23 -1.26 0.00	37.87 -1.13 0.00	34.67 -0.96 0.00	31.28 -1.20 0.00	29.59 -1.43 0.00	29.12 -1.63 0.00	29.14 -1.70 0.00	30.39 -1.60 0.00	32.66 -1.61 0.00	38.41 -1.73 0.00	44.12 -2.13 0.00	54.06 -2.19 0.00	54.07 -1.96 0.00	47.04 -1.16 0.00	40.34 -1.33 0.00	38.27 -0.35 0.00
COFFEEN___115KV_TB3 355620	32.73 -0.06 -1.49	32.29 -0.03 -1.55	32.81 0.00 -1.43	32.04 -0.09 -1.41	33.83 -0.03 -1.47	38.28 0.40 -1.60	48.93 0.60 -1.94	53.85 0.79 -0.32	45.60 0.26 -1.85	40.65 -0.04 -1.69	37.10 -0.11 -1.58	33.81 -0.13 -1.46	32.18 -0.25 -1.41	31.91 -0.25 -1.40	32.09 -0.15 -1.41	33.25 -0.19 -1.45	35.63 -0.17 -1.53	41.75 -0.12 -1.73	48.14 0.42 -1.48	59.66 1.13 -2.28	59.71 1.40 -2.27	51.21 1.01 -2.01	43.79 0.58 -1.53	40.50 0.46 -1.42
COLDSPRG_115KV_BK1 355956	28.47 -3.07 -0.24	28.23 -3.05 -0.50	29.28 -2.10 0.00	28.62 -2.12 -0.01	29.54 -2.88 -0.03	34.17 -2.10 0.00	43.98 -2.41 0.00	50.36 -2.37 0.00	42.71 -0.78 0.00	38.41 -0.58 0.00	35.17 -0.46 0.00	31.73 -0.75 0.00	29.99 -1.02 0.00	29.52 -1.23 0.00	29.48 -1.36 0.00	30.78 -1.22 0.00	32.97 -1.30 0.00	38.89 -1.24 0.00	44.72 -1.53 0.00	54.96 -1.29 0.00	55.14 -0.90 0.00	48.10 -0.10 0.00	41.38 -0.29 0.00	39.32 0.70 0.00
COLONIE_LFGE___ 323577	34.42 1.53 -1.59	35.64 1.51 -3.36	32.95 1.57 0.00	32.35 1.54 -0.09	34.23 1.65 -0.19	38.09 1.81 0.00	48.94 2.55 0.00	55.27 2.53 0.00	45.45 1.96 0.00	40.75 1.76 0.00	37.20 1.57 0.00	33.91 1.43 0.00	32.41 1.40 0.00	32.19 1.45 0.00	32.22 1.39 0.00	33.46 1.47 0.00	35.92 1.64 0.00	42.34 2.21 0.00	48.74 2.50 0.00	59.07 2.81 0.00	58.72 2.69 0.00	50.41 2.22 0.00	43.55 1.88 0.00	40.24 1.62 0.00
COOPERNY_115KV_TB1 80082	33.57 1.31 -0.96	34.10 1.29 -2.03	32.70 1.32 0.00	32.07 1.29 -0.05	33.83 1.33 -0.11	37.80 1.52 0.00	48.43 2.04 0.00	55.32 2.58 0.00	45.53 2.04 0.00	40.79 1.79 0.00	37.20 1.57 0.00	33.88 1.40 0.00	32.35 1.33 0.00	32.07 1.32 0.00	32.19 1.36 0.00	33.40 1.41 0.00	35.88 1.61 0.00	41.98 1.85 0.00	48.38 2.13 0.00	58.79 2.53 0.00	58.50 2.47 0.00	50.22 2.02 0.00	43.42 1.75 0.00	40.13 1.51 0.00
COPENHAGEN_WT_PWR 323753	32.46 -0.25 -1.42	32.00 -0.25 -1.48	32.54 -0.19 -1.35	31.78 -0.28 -1.33	33.52 -0.26 -1.39	37.90 0.11 -1.51	48.41 0.19 -1.83	53.36 0.32 -0.31	45.23 0.00 -1.74	40.36 -0.23 -1.60	36.87 -0.25 -1.49	33.60 -0.26 -1.38	31.97 -0.37 -1.33	31.74 -0.34 -1.32	31.88 -0.28 -1.33	33.04 -0.32 -1.37	35.37 -0.34 -1.44	41.45 -0.32 -1.64	47.64 0.00 -1.40	58.97 0.56 -2.15	58.90 0.73 -2.15	50.57 0.48 -1.89	43.33 0.21 -1.44	40.11 0.16 -1.34
CORNELL_____ 23752	31.86 0.28 -0.29	31.65 0.28 -0.60	31.76 0.38 0.00	31.08 0.34 -0.02	32.78 0.36 -0.03	36.89 0.62 0.00	47.41 1.02 0.00	53.74 1.00 0.00	44.45 0.96 0.00	39.82 0.82 0.00	36.31 0.68 0.00	33.00 0.52 0.00	31.45 0.43 0.00	31.15 0.40 0.00	31.20 0.37 0.00	32.47 0.48 0.00	34.79 0.51 0.00	40.86 0.72 0.00	47.27 1.02 0.00	57.66 1.41 0.00	57.55 1.51 0.00	49.50 1.30 0.00	42.51 0.83 0.00	39.55 0.93 0.00

CORONA V_69_KV_TB1 355595	35.85 3.10 -1.45	36.38 2.89 -2.71	34.33 2.95 0.00	33.66 2.86 -0.07	35.46 2.92 -0.15	39.72 3.45 0.00	51.40 4.73 -0.28	59.08 5.38 -0.96	48.91 4.31 -1.11	44.14 3.86 -1.28	40.54 3.46 -1.45	37.36 3.12 -1.76	35.83 2.98 -1.83	35.57 2.95 -1.87	35.70 2.99 -1.87	36.84 3.04 -1.81	39.34 3.43 -1.64	45.40 4.09 -1.17	51.38 4.62 -0.51	61.82 5.57 0.00	63.70 5.49 -2.18	53.09 4.58 -0.31	46.34 4.00 -0.66	42.49 3.55 -0.32
CORTLAND_115KV_TB3 80093	31.68 0.16 -0.23	31.42 0.15 -0.49	31.60 0.22 0.00	30.93 0.18 -0.01	32.61 0.19 -0.03	36.64 0.36 0.00	47.04 0.65 0.00	53.47 0.74 0.00	44.23 0.74 0.00	39.62 0.62 0.00	36.17 0.53 0.00	32.90 0.42 0.00	31.39 0.37 0.00	31.09 0.34 0.00	31.14 0.31 0.00	32.37 0.38 0.00	34.68 0.41 0.00	40.62 0.48 0.00	46.90 0.65 0.00	57.21 0.96 0.00	56.98 0.95 0.00	49.06 0.87 0.00	42.17 0.50 0.00	39.20 0.58 0.00
COXSACKIE__GT 23611	34.07 1.28 -1.49	35.24 1.32 -3.14	33.29 1.91 0.00	32.69 1.87 -0.08	34.54 1.98 -0.18	38.52 2.25 0.00	49.45 3.06 0.00	55.53 2.79 0.00	45.49 2.00 0.00	40.98 1.99 0.00	37.20 1.57 0.00	33.84 1.36 0.00	32.38 1.36 0.00	32.13 1.38 0.00	32.19 1.36 0.00	33.49 1.50 0.00	36.16 1.88 0.00	42.74 2.61 0.00	49.58 3.33 0.00	59.91 3.65 0.00	59.56 3.53 0.00	51.09 2.89 0.00	44.13 2.46 0.00	40.98 2.36 0.00
CPV_VALLEY__CC1 323721	33.96 1.56 -1.10	34.61 1.51 -2.33	32.92 1.54 0.00	32.33 1.54 -0.06	34.11 1.59 -0.13	38.05 1.78 0.00	48.80 2.41 0.00	55.58 2.85 0.00	45.66 2.17 0.00	40.98 1.99 0.00	37.38 1.75 0.00	34.07 1.59 0.00	32.53 1.52 0.00	32.25 1.51 0.00	32.37 1.54 0.00	33.56 1.57 0.00	36.09 1.82 0.00	42.22 2.09 0.00	48.70 2.45 0.00	59.18 2.92 0.00	58.83 2.80 0.00	50.51 2.31 0.00	43.67 2.00 0.00	40.32 1.70 0.00
CPV_VALLEY__CC2 323722	33.96 1.56 -1.10	34.61 1.51 -2.33	32.92 1.54 0.00	32.33 1.54 -0.06	34.11 1.59 -0.13	38.05 1.78 0.00	48.80 2.41 0.00	55.58 2.85 0.00	45.66 2.17 0.00	40.98 1.99 0.00	37.38 1.75 0.00	34.07 1.59 0.00	32.53 1.52 0.00	32.25 1.51 0.00	32.37 1.54 0.00	33.56 1.57 0.00	36.09 1.82 0.00	42.22 2.09 0.00	48.70 2.45 0.00	59.18 2.92 0.00	58.83 2.80 0.00	50.51 2.31 0.00	43.67 2.00 0.00	40.32 1.70 0.00
CRESCENT__HYD 24018	34.42 1.53 -1.59	35.64 1.51 -3.36	32.95 1.57 0.00	32.35 1.54 -0.09	34.23 1.65 -0.19	38.09 1.81 0.00	48.94 2.55 0.00	55.27 2.53 0.00	45.45 1.96 0.00	40.75 1.76 0.00	37.20 1.57 0.00	33.91 1.43 0.00	32.41 1.40 0.00	32.19 1.45 0.00	32.22 1.39 0.00	33.46 1.47 0.00	35.92 1.64 0.00	42.34 2.21 0.00	48.74 2.50 0.00	59.07 2.81 0.00	58.72 2.69 0.00	50.41 2.22 0.00	43.55 1.88 0.00	40.24 1.62 0.00
CRICKET__VALLEY_CC1 323756	34.54 1.91 -1.34	35.48 1.88 -2.83	33.33 1.95 0.00	32.71 1.91 -0.08	34.53 1.98 -0.16	38.41 2.14 0.00	49.40 3.01 0.00	56.11 3.38 0.00	46.06 2.57 0.00	41.34 2.34 0.00	37.70 2.07 0.00	34.40 1.92 0.00	32.91 1.89 0.00	32.62 1.88 0.00	32.75 1.91 0.00	33.91 1.92 0.00	36.40 2.13 0.00	42.74 2.61 0.00	49.30 3.05 0.00	59.69 3.43 0.00	59.28 3.25 0.00	50.94 2.75 0.00	44.00 2.33 0.00	40.55 1.93 0.00
CRICKET__VALLEY_CC2 323757	34.54 1.91 -1.34	35.48 1.88 -2.83	33.33 1.95 0.00	32.71 1.91 -0.08	34.53 1.98 -0.16	38.41 2.14 0.00	49.40 3.01 0.00	56.11 3.38 0.00	46.06 2.57 0.00	41.34 2.34 0.00	37.70 2.07 0.00	34.40 1.92 0.00	32.91 1.89 0.00	32.62 1.88 0.00	32.75 1.91 0.00	33.91 1.92 0.00	36.40 2.13 0.00	42.74 2.61 0.00	49.30 3.05 0.00	59.69 3.43 0.00	59.28 3.25 0.00	50.94 2.75 0.00	44.00 2.33 0.00	40.55 1.93 0.00
CRICKET__VALLEY_CC3 323758	34.54 1.91 -1.34	35.48 1.88 -2.83	33.33 1.95 0.00	32.71 1.91 -0.08	34.53 1.98 -0.16	38.41 2.14 0.00	49.40 3.01 0.00	56.11 3.38 0.00	46.06 2.57 0.00	41.34 2.34 0.00	37.70 2.07 0.00	34.40 1.92 0.00	32.91 1.89 0.00	32.62 1.88 0.00	32.75 1.91 0.00	33.91 1.92 0.00	36.40 2.13 0.00	42.74 2.61 0.00	49.30 3.05 0.00	59.69 3.43 0.00	59.28 3.25 0.00	50.94 2.75 0.00	44.00 2.33 0.00	40.55 1.93 0.00
CRUCIBLE_METL_DRP 24180	31.27 -0.16 -0.13	30.89 -0.15 -0.27	31.22 -0.16 0.00	30.55 -0.18 -0.01	32.21 -0.19 -0.02	36.13 -0.15 0.00	46.25 -0.14 0.00	52.63 -0.11 0.00	43.49 0.00 0.00	39.04 0.04 0.00	35.70 0.07 0.00	32.51 0.03 0.00	31.01 0.00 0.00	30.72 -0.03 0.00	30.77 -0.06 0.00	31.96 -0.03 0.00	34.17 -0.10 0.00	39.97 -0.16 0.00	46.06 -0.18 0.00	56.20 -0.06 0.00	55.98 -0.06 0.00	48.15 -0.05 0.00	41.46 -0.21 0.00	38.51 -0.12 0.00
DAHOWA__HYDRO 323763	34.90 2.00 -1.60	36.13 1.97 -3.39	33.42 2.04 0.00	32.85 2.03 -0.09	34.79 2.20 -0.19	38.85 2.58 0.00	49.91 3.52 0.00	56.48 3.74 0.00	46.45 2.96 0.00	41.53 2.53 0.00	37.88 2.25 0.00	34.49 2.01 0.00	32.97 1.96 0.00	32.78 2.03 0.00	32.71 1.88 0.00	34.04 2.05 0.00	36.57 2.30 0.00	43.10 2.97 0.00	49.35 3.10 0.00	60.02 3.77 0.00	59.67 3.64 0.00	51.09 2.89 0.00	44.13 2.46 0.00	40.78 2.16 0.00
DANC__LFGE 323619	31.88 -0.41 -0.99	31.44 -0.40 -1.07	31.91 -0.38 -0.91	31.19 -0.43 -0.89	32.91 -0.42 -0.94	37.07 -0.22 -1.02	47.35 -0.28 -1.23	52.71 -0.26 -0.24	44.31 -0.35 -1.17	39.61 -0.47 -1.08	36.21 -0.43 -1.00	33.02 -0.39 -0.93	31.45 -0.46 -0.90	31.18 -0.46 -0.89	31.30 -0.43 -0.89	32.43 -0.48 -0.92	34.69 -0.55 -0.97	40.63 -0.60 -1.10	46.73 -0.46 -0.95	57.59 -0.11 -1.45	57.48 0.00 -1.44	49.37 -0.10 -1.27	42.44 -0.21 -0.97	39.29 -0.23 -0.90
DANSKAMMER__1 23586	34.79 2.22 -1.27	35.65 2.19 -2.69	33.61 2.23 0.00	32.98 2.18 -0.07	34.81 2.27 -0.15	38.85 2.58 0.00	49.91 3.52 0.00	56.80 4.06 0.00	46.66 3.17 0.00	41.81 2.81 0.00	38.13 2.49 0.00	34.75 2.27 0.00	33.22 2.20 0.00	32.93 2.18 0.00	33.05 2.22 0.00	34.26 2.27 0.00	36.84 2.57 0.00	43.15 3.01 0.00	49.76 3.51 0.00	60.53 4.27 0.00	60.18 4.15 0.00	51.67 3.47 0.00	44.63 2.96 0.00	41.17 2.55 0.00
DANSKAMMER__2 23589	34.79 2.22 -1.27	35.65 2.19 -2.69	33.61 2.23 0.00	32.98 2.18 -0.07	34.81 2.27 -0.15	38.85 2.58 0.00	49.91 3.52 0.00	56.80 4.06 0.00	46.66 3.17 0.00	41.81 2.81 0.00	38.13 2.49 0.00	34.75 2.27 0.00	33.22 2.20 0.00	32.93 2.18 0.00	33.05 2.22 0.00	34.26 2.27 0.00	36.84 2.57 0.00	43.15 3.01 0.00	49.76 3.51 0.00	60.53 4.27 0.00	60.18 4.15 0.00	51.67 3.47 0.00	44.63 2.96 0.00	41.17 2.55 0.00
DANSKAMMER__3 23590	34.79 2.22 -1.27	35.65 2.19 -2.69	33.61 2.23 0.00	32.98 2.18 -0.07	34.81 2.27 -0.15	38.85 2.58 0.00	49.91 3.52 0.00	56.80 4.06 0.00	46.66 3.17 0.00	41.81 2.81 0.00	38.13 2.49 0.00	34.75 2.27 0.00	33.22 2.20 0.00	32.93 2.18 0.00	33.05 2.22 0.00	34.26 2.27 0.00	36.84 2.57 0.00	43.15 3.01 0.00	49.76 3.51 0.00	60.53 4.27 0.00	60.18 4.15 0.00	51.67 3.47 0.00	44.63 2.96 0.00	41.17 2.55 0.00

DANSKAMMER___4 23591	34.79 2.22 -1.27	35.65 2.19 -2.69	33.61 2.23 0.00	32.98 2.18 -0.07	34.81 2.27 -0.15	38.85 2.58 0.00	49.91 3.52 0.00	56.80 4.06 0.00	46.66 3.17 0.00	41.81 2.81 0.00	38.13 2.49 0.00	34.75 2.27 0.00	33.22 2.20 0.00	32.93 2.18 0.00	33.05 2.22 0.00	34.26 2.27 0.00	36.84 2.57 0.00	43.15 3.01 0.00	49.76 3.51 0.00	60.53 4.27 0.00	60.18 4.15 0.00	51.67 3.47 0.00	44.63 2.96 0.00	41.17 2.55 0.00
DANSKAMMER___DIESEL 23592	34.79 2.22 -1.27	35.65 2.18 -2.69	33.61 2.23 0.00	32.98 2.18 -0.07	34.78 2.24 -0.15	38.85 2.58 0.00	49.92 3.53 0.00	56.80 4.06 0.00	46.71 3.22 0.00	41.80 2.81 0.00	38.09 2.46 0.00	34.75 2.27 0.00	33.22 2.20 0.00	32.93 2.18 0.00	33.05 2.22 0.00	34.23 2.24 0.00	36.84 2.57 0.00	43.18 3.05 0.00	49.76 3.51 0.00	60.53 4.28 0.00	60.18 4.15 0.00	51.67 3.47 0.00	44.63 2.96 0.00	41.21 2.59 0.00
DARBY___SOLAR 323810	34.84 1.94 -1.60	36.07 1.91 -3.39	33.36 1.98 0.00	32.79 1.97 -0.09	34.69 2.10 -0.19	38.70 2.43 0.00	49.73 3.34 0.00	56.27 3.53 0.00	46.28 2.79 0.00	41.42 2.42 0.00	37.74 2.10 0.00	34.40 1.92 0.00	32.84 1.83 0.00	32.66 1.91 0.00	32.62 1.79 0.00	33.94 1.95 0.00	36.47 2.20 0.00	42.94 2.81 0.00	49.21 2.96 0.00	59.86 3.60 0.00	59.51 3.48 0.00	50.99 2.79 0.00	44.05 2.37 0.00	40.67 2.05 0.00
DASHVILLE___HYD 23610	34.11 1.50 -1.31	35.02 1.48 -2.77	33.36 1.98 0.00	32.77 1.97 -0.07	34.56 2.01 -0.16	38.56 2.29 0.00	49.50 3.11 0.00	56.22 3.48 0.00	46.19 2.70 0.00	41.34 2.34 0.00	37.66 2.03 0.00	34.33 1.85 0.00	32.81 1.80 0.00	32.53 1.78 0.00	32.65 1.82 0.00	33.85 1.86 0.00	36.43 2.16 0.00	42.74 2.61 0.00	49.25 3.01 0.00	59.97 3.71 0.00	59.62 3.59 0.00	51.18 2.99 0.00	44.30 2.63 0.00	40.90 2.28 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.77 3.10 -1.37	36.22 2.74 -2.71	34.27 2.89 0.00	33.57 2.77 -0.07	35.30 2.75 -0.15	39.68 3.41 0.00	51.36 4.82 -0.15	58.72 5.48 -0.50	47.94 3.87 -0.58	43.02 3.35 -0.67	38.74 2.35 -0.76	35.90 2.50 -0.92	34.33 2.36 -0.96	34.12 2.40 -0.97	34.22 2.41 -0.98	35.46 2.53 -0.94	37.73 2.60 -0.86	44.48 3.73 -0.62	50.91 4.39 -0.27	61.43 5.18 0.00	61.82 4.65 -1.14	52.60 4.24 -0.16	45.65 3.63 -0.35	41.80 3.01 -0.16
DELAWARE___LFGE 323621	32.95 1.10 -0.55	33.02 1.08 -1.17	32.54 1.16 0.00	31.90 1.14 -0.03	33.62 1.17 -0.07	37.72 1.45 0.00	48.38 1.99 0.00	55.11 2.37 0.00	45.45 1.96 0.00	40.67 1.68 0.00	37.09 1.46 0.00	33.81 1.33 0.00	32.22 1.21 0.00	31.92 1.17 0.00	32.04 1.20 0.00	33.27 1.28 0.00	35.71 1.44 0.00	41.82 1.69 0.00	48.24 1.99 0.00	58.67 2.42 0.00	58.44 2.41 0.00	50.27 2.07 0.00	43.38 1.71 0.00	40.17 1.54 0.00
DERFIELD_115KV_TB7 355931	31.51 0.22 0.00	30.99 0.22 0.00	31.60 0.22 0.00	30.94 0.22 0.00	32.62 0.23 0.00	36.53 0.25 0.00	46.76 0.37 0.00	53.89 0.47 -0.68	43.80 0.30 0.00	39.27 0.27 0.00	35.88 0.25 0.00	32.71 0.23 0.00	31.23 0.22 0.00	30.96 0.22 0.00	31.05 0.22 0.00	32.21 0.22 0.00	34.55 0.27 0.00	40.46 0.32 0.00	46.79 0.37 -0.17	56.70 0.45 0.00	56.48 0.45 0.00	48.58 0.39 0.00	41.96 0.29 0.00	38.85 0.23 0.00
DOGLEVILLE___HYD 23807	29.39 -1.91 0.00	28.93 -1.85 0.00	29.53 -1.85 0.00	28.91 -1.81 0.00	30.51 -1.88 0.00	34.31 -1.96 0.00	43.93 -2.46 0.00	50.67 -2.74 -0.68	40.92 -2.57 0.00	36.70 -2.30 0.00	33.42 -2.21 0.00	30.56 -1.92 0.00	29.12 -1.89 0.00	28.87 -1.88 0.00	28.95 -1.88 0.00	30.04 -1.95 0.00	32.18 -2.09 0.00	37.68 -2.45 0.00	43.79 -2.63 -0.17	53.22 -3.04 0.00	53.06 -2.97 0.00	45.59 -2.60 0.00	39.34 -2.33 0.00	36.38 -2.24 0.00
DUNKIRK___115KV_TB_200 55889	28.49 -3.04 -0.23	28.23 -3.02 -0.48	28.90 -2.48 0.00	28.28 -2.46 -0.01	29.47 -2.95 -0.03	33.66 -2.61 0.00	43.19 -3.20 0.00	49.36 -3.38 0.00	41.88 -1.61 0.00	37.67 -1.33 0.00	34.56 -1.07 0.00	31.18 -1.30 0.00	29.49 -1.52 0.00	29.03 -1.72 0.00	29.01 -1.82 0.00	30.30 -1.70 0.00	32.49 -1.78 0.00	38.21 -1.93 0.00	43.94 -2.31 0.00	54.00 -2.25 0.00	54.13 -1.91 0.00	47.33 -0.87 0.00	40.71 -0.96 0.00	38.70 0.08 0.00
DUNKIRK___1 23563	28.49 -3.04 -0.23	28.23 -3.02 -0.48	28.90 -2.48 0.00	28.28 -2.46 -0.01	29.47 -2.95 -0.03	33.66 -2.61 0.00	43.19 -3.20 0.00	49.36 -3.38 0.00	41.88 -1.61 0.00	37.67 -1.33 0.00	34.56 -1.07 0.00	31.18 -1.30 0.00	29.49 -1.52 0.00	29.03 -1.72 0.00	29.01 -1.82 0.00	30.30 -1.70 0.00	32.49 -1.78 0.00	38.21 -1.93 0.00	43.94 -2.31 0.00	54.00 -2.25 0.00	54.13 -1.91 0.00	47.33 -0.87 0.00	40.71 -0.96 0.00	38.70 0.08 0.00
DUNKIRK___2 23564	28.49 -3.04 -0.23	28.23 -3.02 -0.48	28.90 -2.48 0.00	28.28 -2.46 -0.01	29.47 -2.95 -0.03	33.66 -2.61 0.00	43.19 -3.20 0.00	49.36 -3.38 0.00	41.88 -1.61 0.00	37.67 -1.33 0.00	34.56 -1.07 0.00	31.18 -1.30 0.00	29.49 -1.52 0.00	29.03 -1.72 0.00	29.01 -1.82 0.00	30.30 -1.70 0.00	32.49 -1.78 0.00	38.21 -1.93 0.00	43.94 -2.31 0.00	54.00 -2.25 0.00	54.13 -1.91 0.00	47.33 -0.87 0.00	40.71 -0.96 0.00	38.70 0.08 0.00
DUNKIRK___3 23565	28.49 -3.04 -0.23	28.23 -3.02 -0.48	28.90 -2.48 0.00	28.25 -2.49 -0.01	29.47 -2.95 -0.03	33.63 -2.65 0.00	43.05 -3.34 0.00	49.20 -3.53 0.00	41.75 -1.74 0.00	37.55 -1.44 0.00	34.49 -1.14 0.00	31.12 -1.36 0.00	29.46 -1.55 0.00	29.00 -1.75 0.00	28.98 -1.85 0.00	30.26 -1.73 0.00	32.42 -1.85 0.00	38.09 -2.05 0.00	43.80 -2.45 0.00	53.72 -2.53 0.00	53.90 -2.13 0.00	47.09 -1.11 0.00	40.46 -1.21 0.00	38.43 -0.19 0.00
DUNKIRK___4 23566	28.49 -3.04 -0.23	28.23 -3.02 -0.48	28.90 -2.48 0.00	28.25 -2.49 -0.01	29.47 -2.95 -0.03	33.63 -2.65 0.00	43.05 -3.34 0.00	49.20 -3.53 0.00	41.75 -1.74 0.00	37.55 -1.44 0.00	34.49 -1.14 0.00	31.12 -1.36 0.00	29.46 -1.55 0.00	29.00 -1.75 0.00	28.98 -1.85 0.00	30.26 -1.73 0.00	32.42 -1.85 0.00	38.09 -2.05 0.00	43.80 -2.45 0.00	53.72 -2.53 0.00	53.90 -2.13 0.00	47.09 -1.11 0.00	40.46 -1.21 0.00	38.43 -0.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.18 2.60 -1.28	36.01 2.52 -2.71	33.92 2.54 0.00	33.32 2.52 -0.07	35.14 2.59 -0.15	39.21 2.94 0.00	50.38 3.99 0.00	57.38 4.64 0.00	47.14 3.65 0.00	42.27 3.28 0.00	38.56 2.92 0.00	35.14 2.66 0.00	33.59 2.57 0.00	33.30 2.55 0.00	33.42 2.59 0.00	34.65 2.66 0.00	37.25 2.98 0.00	43.71 3.57 0.00	50.32 4.07 0.00	61.09 4.84 0.00	60.74 4.71 0.00	52.15 3.95 0.00	45.05 3.38 0.00	41.56 2.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.53 2.00 -1.23	35.31 1.94 -2.60	33.36 1.98 0.00	32.73 1.94 -0.07	34.55 2.01 -0.15	38.56 2.29 0.00	49.54 3.15 0.00	56.37 3.64 0.00	46.36 2.87 0.00	41.53 2.53 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.94 1.92 0.00	32.65 1.91 0.00	32.78 1.94 0.00	34.01 2.02 0.00	36.57 2.30 0.00	42.90 2.77 0.00	49.39 3.14 0.00	60.08 3.83 0.00	59.73 3.70 0.00	51.23 3.04 0.00	44.30 2.63 0.00	40.90 2.28 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.99 2.79 -2.91	36.23 2.74 -2.72	34.18 2.79 -0.01	33.54 2.73 -0.08	35.37 2.82 -0.16	39.47 3.19 -0.01	54.31 4.27 -3.65	69.79 4.90 -12.15	61.40 3.96 -13.95	58.66 3.55 -16.11	57.01 3.14 -18.24	57.39 2.89 -22.02	56.74 2.76 -22.97	56.84 2.74 -23.35	57.04 2.78 -23.43	57.46 2.85 -22.62	58.04 3.22 -20.55	58.44 3.85 -14.46	56.84 4.39 -6.20	61.49 5.23 -0.01	88.42 5.10 -27.28	56.50 4.29 -4.02	53.45 3.67 -8.11	45.90 3.21 -4.07
E179THST_13_KV_LOAD 356214	37.09 2.88 -2.91	36.32 2.83 -2.72	34.27 2.89 -0.01	33.64 2.83 -0.08	35.50 2.95 -0.16	39.58 3.30 -0.01	54.49 4.45 -3.65	70.00 5.12 -12.15	61.57 4.13 -13.95	58.82 3.70 -16.11	57.16 3.28 -18.24	57.52 3.02 -22.02	56.86 2.88 -22.97	56.96 2.86 -23.35	57.16 2.90 -23.43	57.62 3.01 -22.62	58.18 3.36 -20.55	58.65 4.05 -14.46	57.07 4.62 -6.20	61.78 5.51 -0.01	88.70 5.38 -27.28	56.74 4.53 -4.02	53.66 3.88 -8.11	46.06 3.36 -4.07
EAST HAMPTON___GT 23717	35.45 2.78 -1.37	35.92 2.43 -2.71	33.92 2.54 0.00	33.29 2.49 -0.07	34.98 2.43 -0.15	39.32 3.05 0.00	50.94 4.41 -0.15	58.25 5.01 -0.50	47.50 3.43 -0.58	42.67 3.00 -0.67	38.14 1.75 -0.76	35.41 2.01 -0.92	33.90 1.92 -0.96	33.66 1.94 -0.97	33.75 1.94 -0.98	34.76 1.82 -0.94	37.22 2.09 -0.86	43.72 2.97 -0.62	50.17 3.65 -0.27	60.81 4.55 0.00	61.09 3.92 -1.14	51.68 3.32 -0.16	44.86 2.84 -0.35	41.06 2.28 -0.16
EAST RIVER___6 23660	37.06 2.91 -2.85	36.28 2.80 -2.71	34.24 2.86 0.00	33.63 2.83 -0.07	35.49 2.95 -0.15	39.57 3.30 0.00	53.74 4.45 -2.90	67.60 5.22 -9.64	58.66 4.09 -11.08	55.50 3.71 -12.80	53.44 3.31 -14.49	52.99 3.02 -17.48	52.17 2.91 -18.24	52.19 2.89 -18.55	52.34 2.90 -18.61	52.93 2.98 -17.97	53.91 3.32 -16.32	55.55 3.94 -11.48	55.76 4.58 -4.93	61.71 5.46 0.00	83.03 5.33 -21.67	55.92 4.53 -3.19	51.91 3.79 -6.44	45.18 3.32 -3.24
EAST RIVER___7 23524	37.06 2.91 -2.85	36.28 2.80 -2.71	34.24 2.86 0.00	33.63 2.83 -0.07	35.49 2.95 -0.15	39.57 3.30 0.00	53.74 4.45 -2.90	67.60 5.22 -9.64	58.66 4.09 -11.08	55.50 3.71 -12.80	53.44 3.31 -14.49	52.99 3.02 -17.48	52.17 2.91 -18.24	52.19 2.89 -18.55	52.34 2.90 -18.61	52.93 2.98 -17.97	53.91 3.32 -16.32	55.55 3.94 -11.48	55.76 4.58 -4.93	61.71 5.46 0.00	83.03 5.33 -21.67	55.92 4.53 -3.19	51.91 3.79 -6.44	45.18 3.32 -3.24
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.11 2.47 -1.34	35.88 2.40 -2.71	33.83 2.45 0.00	33.20 2.40 -0.07	35.01 2.46 -0.15	39.07 2.79 0.00	50.31 3.80 -0.11	57.54 4.43 -0.38	47.41 3.48 -0.43	42.62 3.12 -0.50	38.98 2.78 -0.57	35.70 2.53 -0.69	34.18 2.45 -0.72	33.91 2.43 -0.73	34.03 2.47 -0.73	35.19 2.50 -0.71	37.76 2.84 -0.64	44.00 3.41 -0.45	50.33 3.88 -0.19	60.87 4.61 0.00	61.37 4.48 -0.85	52.08 3.76 -0.13	45.13 3.21 -0.25	41.53 2.78 -0.13
EAST_HAMPTON___DIESEL 23722	35.39 2.72 -1.37	35.85 2.37 -2.71	33.86 2.48 0.00	33.23 2.43 -0.07	34.91 2.36 -0.15	39.25 2.98 0.00	50.85 4.31 -0.15	58.09 4.85 -0.50	47.42 3.35 -0.58	42.59 2.93 -0.67	38.03 1.64 -0.76	35.31 1.92 -0.92	33.80 1.83 -0.96	33.57 1.84 -0.97	33.69 1.88 -0.98	34.66 1.73 -0.94	37.15 2.02 -0.86	43.60 2.85 -0.62	50.03 3.51 -0.27	60.65 4.39 0.00	60.93 3.75 -1.14	51.54 3.18 -0.16	44.73 2.71 -0.35	40.99 2.20 -0.16
EAST_POINT___SOLAR 323840	35.95 2.88 -1.78	37.33 2.80 -3.76	34.30 2.92 0.00	33.72 2.89 -0.10	35.78 3.18 -0.21	39.94 3.66 0.00	51.36 4.97 0.00	58.32 5.59 0.00	47.27 3.78 0.00	41.73 2.73 0.00	37.45 1.82 0.00	34.04 1.56 0.00	32.75 1.74 0.00	32.56 1.81 0.00	32.65 1.82 0.00	33.91 1.92 0.00	36.40 2.13 0.00	43.27 3.13 0.00	50.83 4.58 0.00	62.61 6.35 0.00	62.42 6.39 0.00	53.50 5.30 0.00	46.05 4.37 0.00	42.60 3.98 0.00
EAST_PULASKI___ESR 323781	30.92 -0.47 -0.09	30.48 -0.49 -0.20	30.88 -0.50 0.00	30.24 -0.49 -0.01	31.88 -0.52 -0.01	35.80 -0.47 0.00	45.79 -0.60 0.00	51.60 -0.69 0.45	42.92 -0.57 0.00	38.41 -0.58 0.00	35.17 -0.46 0.00	32.02 -0.45 0.00	30.52 -0.50 0.00	30.26 -0.49 0.00	30.34 -0.49 0.00	31.45 -0.54 0.00	33.62 -0.65 0.00	39.37 -0.76 0.00	45.35 -0.79 0.11	55.64 -0.62 0.00	55.47 -0.56 0.00	47.71 -0.48 0.00	41.13 -0.54 0.00	38.12 -0.50 0.00
EAST_RIVER___1 323558	36.95 2.85 -2.81	36.22 2.74 -2.71	34.17 2.79 0.00	33.57 2.77 -0.07	35.43 2.88 -0.15	39.50 3.23 0.00	53.57 4.36 -2.83	67.25 5.11 -9.40	58.29 4.00 -10.80	55.10 3.63 -12.48	53.00 3.24 -14.13	52.48 2.96 -17.05	51.65 2.85 -17.78	51.63 2.80 -18.08	51.81 2.83 -18.14	52.42 2.91 -17.51	53.44 3.26 -15.91	55.18 3.85 -11.20	55.54 4.48 -4.80	61.60 5.35 0.00	82.37 5.21 -21.12	55.69 4.39 -3.11	51.66 3.71 -6.28	45.03 3.24 -3.16
EAST_RIVER___2 323559	37.06 2.91 -2.85	36.28 2.80 -2.71	34.24 2.86 0.00	33.63 2.83 -0.07	35.49 2.95 -0.15	39.57 3.30 0.00	53.74 4.45 -2.90	67.60 5.22 -9.64	58.66 4.09 -11.08	55.50 3.71 -12.80	53.44 3.31 -14.49	52.99 3.02 -17.48	52.17 2.91 -18.24	52.19 2.89 -18.55	52.34 2.90 -18.61	52.93 2.98 -17.97	53.91 3.32 -16.32	55.55 3.94 -11.48	55.76 4.58 -4.93	61.71 5.46 0.00	83.03 5.33 -21.67	55.92 4.53 -3.19	51.91 3.79 -6.44	45.18 3.32 -3.24
EAST___DELAWARE_HYD 23607	34.40 1.94 -1.16	35.17 1.94 -2.45	33.39 2.01 0.00	32.76 1.97 -0.07	34.57 2.04 -0.14	38.63 2.36 0.00	49.64 3.25 0.00	56.58 3.85 0.00	46.49 3.00 0.00	41.57 2.57 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.94 1.92 0.00	32.62 1.88 0.00	32.78 1.94 0.00	33.97 1.98 0.00	36.57 2.30 0.00	42.78 2.65 0.00	49.39 3.15 0.00	60.31 4.05 0.00	59.90 3.86 0.00	51.42 3.23 0.00	44.42 2.75 0.00	41.10 2.47 0.00
EIGHT_POINT___WT_PWR 323820	28.53 -3.04 -0.27	28.29 -3.05 -0.56	28.71 -2.67 0.00	28.13 -2.61 -0.02	29.54 -2.88 -0.03	33.48 -2.79 0.00	43.10 -3.29 0.00	49.10 -3.64 0.00	41.27 -2.22 0.00	36.85 -2.14 0.00	33.67 -1.96 0.00	30.37 -2.11 0.00	28.84 -2.17 0.00	28.47 -2.28 0.00	28.43 -2.41 0.00	29.62 -2.37 0.00	31.74 -2.54 0.00	37.16 -2.97 0.00	42.97 -3.28 0.00	53.05 -3.20 0.00	53.62 -2.41 0.00	46.56 -1.64 0.00	40.09 -1.58 0.00	38.35 -0.27 0.00
ELBRIDGE_115KV_TB2 80188	31.09 -0.34 -0.14	30.72 -0.34 -0.29	31.03 -0.35 0.00	30.37 -0.37 -0.01	32.05 -0.36 -0.02	35.91 -0.36 0.00	45.97 -0.42 0.00	52.26 -0.47 0.00	43.23 -0.26 0.00	38.76 -0.23 0.00	35.46 -0.18 0.00	32.28 -0.19 0.00	30.80 -0.22 0.00	30.50 -0.25 0.00	30.56 -0.28 0.00	31.73 -0.26 0.00	33.93 -0.34 0.00	39.73 -0.40 0.00	45.79 -0.46 0.00	55.86 -0.39 0.00	55.64 -0.39 0.00	47.86 -0.34 0.00	41.21 -0.46 0.00	38.31 -0.31 0.00
ELEC_TRO_TEK 24086	35.72 2.97 -1.45	36.22 2.74 -2.71	34.17 2.79 0.00	33.50 2.70 -0.07	35.30 2.75 -0.15	39.54 3.26 0.00	51.17 4.50 -0.28	58.86 5.17 -0.95	48.67 4.09 -1.10	43.93 3.67 -1.27	40.35 3.28 -1.44	37.17 2.96 -1.74	35.68 2.85 -1.81	35.42 2.83 -1.84	35.55 2.87 -1.85	36.69 2.91 -1.78	39.15 3.26 -1.62	45.19 3.89 -1.16	51.15 4.39 -0.50	61.54 5.29 0.00	63.40 5.21 -2.15	52.84 4.34 -0.31	46.08 3.75 -0.65	42.26 3.32 -0.31

ELLENBURG_WT_PWR 323604	-6.94 -1.59 36.64	-6.94 -1.57 36.14	-6.94 -1.63 36.69	-6.94 -1.63 36.04	-6.90 -1.69 37.61	-6.80 -1.85 41.22	-6.12 -2.55 49.95	-6.46 -2.85 56.35	-6.31 -2.35 47.46	-6.66 -2.11 43.55	-6.89 -1.96 40.56	-6.97 -1.82 37.63	-6.97 -1.71 36.28	-6.97 -1.63 36.09	-6.97 -1.60 36.20	-6.97 -1.70 37.26	-6.93 -1.85 39.35	-6.54 -2.13 44.55	-6.32 -2.54 50.02	-5.44 -3.09 58.60	-5.45 -3.03 58.46	-5.94 -2.56 51.58	0.33 -2.00 39.34	0.39 -1.81 36.42
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.22 -3.29 -0.21	28.02 -3.20 -0.45	28.43 -2.95 0.00	27.79 -2.95 -0.01	29.15 -3.27 -0.03	33.04 -3.23 0.00	42.17 -4.22 0.00	48.04 -4.69 0.00	40.92 -2.57 0.00	36.97 -2.03 0.00	34.03 -1.60 0.00	30.76 -1.72 0.00	29.15 -1.86 0.00	28.69 -2.06 0.00	28.71 -2.13 0.00	29.94 -2.05 0.00	31.98 -2.30 0.00	37.40 -2.73 0.00	42.92 -3.33 0.00	52.54 -3.71 0.00	52.61 -3.42 0.00	46.12 -2.07 0.00	39.63 -2.04 0.00	37.50 -1.12 0.00
EMPIRE_CC_1 323656	34.30 1.50 -1.50	35.42 1.48 -3.17	32.92 1.54 0.00	32.35 1.54 -0.09	34.16 1.59 -0.18	37.98 1.71 0.00	48.75 2.36 0.00	53.89 1.16 0.00	44.36 0.87 0.00	39.85 0.86 0.00	36.45 0.82 0.00	33.26 0.78 0.00	31.85 0.84 0.00	31.61 0.86 0.00	31.63 0.80 0.00	32.92 0.93 0.00	35.30 1.03 0.00	42.18 2.05 0.00	48.61 2.36 0.00	58.90 2.64 0.00	58.49 2.46 0.00	50.31 2.12 0.00	43.46 1.79 0.00	40.17 1.55 0.00
EMPIRE_CC_2 323658	34.30 1.50 -1.50	35.42 1.48 -3.17	32.92 1.54 0.00	32.35 1.54 -0.09	34.16 1.59 -0.18	37.98 1.71 0.00	48.75 2.36 0.00	53.89 1.16 0.00	44.36 0.87 0.00	39.85 0.86 0.00	36.45 0.82 0.00	33.26 0.78 0.00	31.85 0.84 0.00	31.61 0.86 0.00	31.63 0.80 0.00	32.92 0.93 0.00	35.30 1.03 0.00	42.18 2.05 0.00	48.61 2.36 0.00	58.90 2.64 0.00	58.49 2.46 0.00	50.31 2.12 0.00	43.46 1.79 0.00	40.17 1.55 0.00
ENORWICH_115KV_TB1 80156	33.07 1.38 -0.40	33.03 1.42 -0.84	33.01 1.63 0.00	32.26 1.51 -0.02	33.99 1.55 -0.05	38.63 2.36 0.00	49.82 3.43 0.00	60.49 7.75 0.00	49.23 5.74 0.00	43.25 4.25 0.00	39.20 3.56 0.00	35.57 3.09 0.00	33.59 2.57 0.00	33.18 2.43 0.00	33.55 2.71 0.00	35.09 3.10 0.00	38.04 3.77 0.00	42.62 2.49 0.00	49.53 3.28 0.00	60.64 4.39 0.00	60.63 4.59 0.00	52.00 3.81 0.00	44.59 2.92 0.00	41.48 2.86 0.00
ERIE_ST__34_KV_TB1-2 80199	28.10 -3.41 -0.22	27.88 -3.35 -0.46	28.84 -2.54 0.00	28.22 -2.52 -0.01	29.15 -3.27 -0.03	33.55 -2.72 0.00	42.91 -3.48 0.00	49.04 -3.69 0.00	41.71 -1.78 0.00	37.63 -1.36 0.00	34.60 -1.03 0.00	31.25 -1.23 0.00	29.62 -1.40 0.00	29.15 -1.67 0.00	29.17 -1.57 0.00	30.42 -1.75 0.00	32.52 -1.75 0.00	38.13 -2.01 0.00	43.75 -2.50 0.00	53.61 -2.64 0.00	53.68 -2.35 0.00	46.94 -1.25 0.00	40.26 -1.42 0.00	38.08 -0.54 0.00
ERIE_WT_PWR 323693	28.23 -3.29 -0.22	28.00 -3.23 -0.45	28.56 -2.82 0.00	28.04 -2.70 -0.01	29.31 -3.11 -0.03	33.19 -3.08 0.00	42.40 -3.99 0.00	48.25 -4.48 0.00	41.14 -2.35 0.00	36.93 -2.07 0.00	34.21 -1.43 0.00	30.89 -1.59 0.00	29.28 -1.74 0.00	28.81 -1.94 0.00	28.83 -2.00 0.00	30.07 -1.92 0.00	32.08 -2.19 0.00	37.29 -2.85 0.00	42.73 -3.52 0.00	52.65 -3.60 0.00	53.06 -2.97 0.00	46.27 -1.93 0.00	39.96 -1.71 0.00	37.77 -0.85 0.00
ESPRGFLD_115KV_TB1 80157	33.45 2.13 -0.03	32.89 2.06 -0.06	33.58 2.20 0.00	32.85 2.12 0.00	34.66 2.27 0.00	39.03 2.76 0.00	50.19 3.80 0.00	57.27 4.54 0.00	46.97 3.48 0.00	41.84 2.85 0.00	37.99 2.35 0.00	34.66 2.18 0.00	33.03 2.02 0.00	32.75 2.00 0.00	32.84 2.00 0.00	34.17 2.18 0.00	36.60 2.33 0.00	42.94 2.81 0.00	49.95 3.70 0.00	61.09 4.84 0.00	60.91 4.87 0.00	52.34 4.14 0.00	45.05 3.38 0.00	41.71 3.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.86 0.28 -0.28	31.65 0.28 -0.60	31.76 0.38 0.00	31.05 0.31 -0.02	32.75 0.32 -0.03	36.85 0.58 0.00	47.32 0.93 0.00	53.63 0.90 0.00	44.36 0.87 0.00	39.74 0.74 0.00	36.27 0.64 0.00	32.97 0.49 0.00	31.42 0.40 0.00	31.12 0.37 0.00	31.20 0.37 0.00	32.44 0.45 0.00	34.75 0.48 0.00	40.82 0.68 0.00	47.17 0.92 0.00	57.60 1.35 0.00	57.43 1.40 0.00	49.40 1.20 0.00	42.46 0.79 0.00	39.47 0.85 0.00
ETNA____115KV_TB2 80207	31.86 0.28 -0.28	31.65 0.28 -0.60	31.76 0.38 0.00	31.05 0.31 -0.02	32.75 0.32 -0.03	36.85 0.58 0.00	47.32 0.93 0.00	53.63 0.90 0.00	44.36 0.87 0.00	39.74 0.74 0.00	36.27 0.64 0.00	32.97 0.49 0.00	31.42 0.40 0.00	31.12 0.37 0.00	31.20 0.37 0.00	32.44 0.45 0.00	34.75 0.48 0.00	40.82 0.68 0.00	47.17 0.92 0.00	57.60 1.35 0.00	57.43 1.40 0.00	49.40 1.20 0.00	42.46 0.79 0.00	39.47 0.85 0.00
EUCLID____115KV_TB2 356179	30.93 -0.47 -0.11	30.54 -0.46 -0.23	30.91 -0.47 0.00	30.24 -0.49 -0.01	31.92 -0.49 -0.01	35.73 -0.54 0.00	45.69 -0.70 0.00	52.00 -0.74 0.00	43.01 -0.48 0.00	38.61 -0.39 0.00	35.31 -0.32 0.00	32.15 -0.32 0.00	30.70 -0.31 0.00	30.41 -0.34 0.00	30.46 -0.37 0.00	31.64 -0.35 0.00	33.83 -0.45 0.00	39.57 -0.56 0.00	45.60 -0.65 0.00	55.58 -0.68 0.00	55.36 -0.67 0.00	47.62 -0.58 0.00	41.05 -0.63 0.00	38.12 -0.50 0.00
E_CANADA_CAP_HY 24051	35.87 2.72 -1.85	37.34 2.65 -3.92	34.11 2.73 0.00	33.54 2.70 -0.11	35.56 2.95 -0.22	39.57 3.30 0.00	50.89 4.50 0.00	57.85 5.11 0.00	47.23 3.74 0.00	41.88 2.89 0.00	37.92 2.28 0.00	34.66 2.18 0.00	33.12 2.11 0.00	32.90 2.15 0.00	32.96 2.13 0.00	34.30 2.30 0.00	36.67 2.40 0.00	43.30 3.17 0.00	50.59 4.35 0.00	62.05 5.80 0.00	61.80 5.77 0.00	53.21 5.01 0.00	45.80 4.13 0.00	42.37 3.75 0.00
E_CANADA_MHWK_HY 24050	29.39 -1.91 0.00	28.93 -1.85 0.00	29.53 -1.85 0.00	28.91 -1.81 0.00	30.51 -1.88 0.00	34.31 -1.96 0.00	43.93 -2.46 0.00	50.67 -2.74 -0.68	40.92 -2.57 0.00	36.70 -2.30 0.00	33.42 -2.21 0.00	30.56 -1.92 0.00	29.12 -1.89 0.00	28.87 -1.88 0.00	28.95 -1.88 0.00	30.04 -1.95 0.00	32.18 -2.09 0.00	37.68 -2.45 0.00	43.79 -2.63 -0.17	53.22 -3.04 0.00	53.06 -2.97 0.00	45.59 -2.60 0.00	39.34 -2.33 0.00	36.38 -2.24 0.00
E_FISHKILL____LBMP 23776	34.73 2.13 -1.30	35.59 2.06 -2.75	33.48 2.10 0.00	32.86 2.06 -0.07	34.68 2.14 -0.15	38.67 2.39 0.00	49.64 3.25 0.00	56.48 3.74 0.00	46.40 2.91 0.00	41.61 2.61 0.00	37.95 2.32 0.00	34.62 2.14 0.00	33.09 2.08 0.00	32.81 2.06 0.00	32.93 2.10 0.00	34.10 2.11 0.00	36.67 2.40 0.00	43.02 2.89 0.00	49.53 3.28 0.00	60.14 3.88 0.00	59.79 3.75 0.00	51.33 3.13 0.00	44.38 2.71 0.00	40.94 2.32 0.00
FALCON____SEABRD_CC1 323796	-7.18 -1.16 37.32	-7.21 -1.17 36.81	-7.18 -1.19 37.37	-7.24 -1.26 36.70	-7.24 -1.33 38.31	-7.13 -1.42 41.99	-6.48 -1.99 50.88	-6.61 -2.16 57.18	-6.59 -1.74 48.34	-6.96 -1.60 44.36	-7.18 -1.50 41.31	-7.18 -1.33 38.32	-7.17 -1.24 36.95	-7.18 -1.17 36.76	-7.12 -1.08 36.87	-7.11 -1.15 37.95	-7.15 -1.34 40.08	-6.76 -1.53 45.37	-6.59 -1.94 50.90	-5.62 -2.19 59.68	-5.58 -2.07 59.54	-6.13 -1.78 52.54	0.23 -1.37 40.07	0.25 -1.27 37.10

FALCON___SEABRD_CC2 323797	-7.18 -1.16 37.32	-7.21 -1.17 36.81	-7.18 -1.19 37.37	-7.24 -1.26 36.70	-7.24 -1.33 38.31	-7.13 -1.42 41.99	-6.48 -1.99 50.88	-6.61 -2.16 57.18	-6.59 -1.74 48.34	-6.96 -1.60 44.36	-7.18 -1.50 41.31	-7.18 -1.33 38.32	-7.17 -1.24 36.95	-7.18 -1.17 36.76	-7.12 -1.08 36.87	-7.11 -1.15 37.95	-7.15 -1.34 40.08	-6.76 -1.53 45.37	-6.59 -1.94 50.90	-5.62 -2.19 59.68	-5.58 -2.07 59.54	-6.13 -1.78 52.54	0.23 -1.37 40.07	0.25 -1.27 37.10
FAR ROCKAWAY___4 23548	36.05 3.32 -1.44	36.56 3.08 -2.71	34.52 3.14 0.00	33.84 3.04 -0.07	35.65 3.11 -0.15	39.97 3.70 0.00	51.70 5.06 -0.25	59.35 5.75 -0.86	49.14 4.65 -0.99	44.28 4.13 -1.15	40.68 3.74 -1.30	37.40 3.35 -1.57	35.85 3.19 -1.64	35.59 3.17 -1.67	35.72 3.21 -1.68	36.90 3.30 -1.62	39.41 3.67 -1.47	45.56 4.37 -1.05	51.70 4.99 -0.46	62.33 6.08 0.00	63.98 6.00 -1.95	53.44 4.96 -0.28	46.60 4.33 -0.59	42.73 3.82 -0.28
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.08 2.88 -2.90	36.25 2.77 -2.71	34.20 2.82 0.00	33.57 2.77 -0.07	35.39 2.85 -0.15	39.50 3.23 0.00	53.75 4.36 -3.00	67.77 5.06 -9.97	58.95 4.00 -11.46	55.86 3.63 -13.23	53.82 3.21 -14.98	53.51 2.96 -18.08	52.69 2.82 -18.86	52.72 2.80 -19.18	52.91 2.84 -19.24	53.48 2.91 -18.57	54.40 3.26 -16.87	55.94 3.93 -11.87	55.83 4.49 -5.10	61.60 5.34 0.00	83.64 5.21 -22.40	55.88 4.39 -3.30	52.08 3.75 -6.66	45.25 3.28 -3.35
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.08 2.88 -2.90	36.25 2.77 -2.71	34.20 2.82 0.00	33.57 2.77 -0.07	35.39 2.85 -0.15	39.50 3.23 0.00	53.75 4.36 -3.00	67.77 5.06 -9.97	58.95 4.00 -11.46	55.86 3.63 -13.23	53.82 3.21 -14.98	53.51 2.96 -18.08	52.69 2.82 -18.86	52.72 2.80 -19.18	52.91 2.84 -19.24	53.48 2.91 -18.57	54.40 3.26 -16.87	55.90 3.89 -11.87	55.83 4.49 -5.10	61.60 5.34 0.00	83.64 5.21 -22.40	55.88 4.39 -3.30	52.08 3.75 -6.66	45.25 3.28 -3.35
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.05 2.85 -2.90	36.22 2.74 -2.71	34.17 2.79 0.00	33.54 2.73 -0.07	35.39 2.85 -0.15	39.50 3.23 0.00	53.75 4.36 -3.00	67.77 5.06 -9.97	58.95 4.00 -11.46	55.82 3.59 -13.23	53.82 3.21 -14.98	53.48 2.92 -18.08	52.69 2.82 -18.86	52.72 2.80 -19.18	52.91 2.84 -19.24	53.48 2.91 -18.57	54.40 3.26 -16.87	55.90 3.89 -11.87	55.78 4.44 -5.10	61.54 5.29 0.00	83.59 5.15 -22.40	55.84 4.34 -3.30	52.08 3.75 -6.66	45.22 3.24 -3.35
FARRAGUT___LBMP 323566	37.05 2.85 -2.90	36.22 2.74 -2.71	34.17 2.79 0.00	33.54 2.73 -0.07	35.36 2.82 -0.15	39.47 3.19 0.00	53.70 4.31 -3.00	67.72 5.01 -9.97	58.90 3.96 -11.46	55.78 3.55 -13.23	53.78 3.17 -14.98	53.45 2.89 -18.08	52.66 2.79 -18.86	52.69 2.77 -19.18	52.88 2.81 -19.24	53.44 2.88 -18.57	54.36 3.22 -16.87	55.86 3.85 -11.87	55.74 4.39 -5.10	61.49 5.23 0.00	83.53 5.10 -22.40	55.79 4.29 -3.30	52.04 3.71 -6.66	45.18 3.21 -3.35
FENNER___WINDPWR 24204	31.86 0.41 -0.15	31.53 0.43 -0.33	31.88 0.50 0.00	31.20 0.46 -0.01	32.90 0.49 -0.02	37.00 0.73 0.00	47.46 1.07 0.00	54.00 1.26 0.00	44.53 1.04 0.00	39.85 0.86 0.00	36.42 0.78 0.00	33.16 0.68 0.00	31.60 0.59 0.00	31.33 0.58 0.00	31.42 0.58 0.00	32.66 0.67 0.00	34.99 0.72 0.00	40.89 0.76 0.00	47.22 0.97 0.00	57.66 1.41 0.00	57.49 1.45 0.00	49.40 1.21 0.00	42.55 0.88 0.00	39.47 0.85 0.00
FIBERTEK___ENERGY 23856	31.27 -0.16 -0.13	30.89 -0.15 -0.27	31.22 -0.16 0.00	30.55 -0.18 -0.01	32.21 -0.19 -0.02	36.13 -0.15 0.00	46.25 -0.14 0.00	52.63 -0.11 0.00	43.49 0.00 0.00	39.04 0.04 0.00	35.70 0.07 0.00	32.51 0.03 0.00	31.01 0.00 0.00	30.72 -0.03 0.00	30.77 -0.06 0.00	31.96 -0.03 0.00	34.17 -0.10 0.00	39.97 -0.16 0.00	46.06 -0.18 0.00	56.20 -0.06 0.00	55.98 -0.06 0.00	48.15 -0.05 0.00	41.46 -0.21 0.00	38.51 -0.12 0.00
FITZPATRICK____ 23598	30.46 -0.91 -0.08	30.04 -0.89 -0.16	30.44 -0.94 0.00	29.81 -0.92 0.00	31.43 -0.97 -0.01	35.19 -1.09 0.00	44.90 -1.49 0.00	51.05 -1.69 0.00	42.23 -1.26 0.00	37.86 -1.13 0.00	34.64 -1.00 0.00	31.57 -0.91 0.00	30.15 -0.87 0.00	29.86 -0.89 0.00	29.91 -0.92 0.00	31.06 -0.93 0.00	33.21 -1.06 0.00	38.85 -1.29 0.00	44.72 -1.53 0.00	54.57 -1.69 0.00	54.41 -1.63 0.00	46.75 -1.44 0.00	40.38 -1.29 0.00	37.46 -1.16 0.00
FLOWRFLD_69_KV_BK1 356044	35.99 3.32 -1.37	36.47 2.98 -2.71	34.49 3.11 0.00	33.81 3.01 -0.07	35.56 3.01 -0.15	39.94 3.66 0.00	51.55 5.01 -0.15	58.94 5.70 -0.51	48.34 4.26 -0.58	43.49 3.82 -0.68	39.57 3.17 -0.77	36.46 3.05 -0.93	34.90 2.92 -0.97	34.68 2.95 -0.98	34.78 2.96 -0.99	36.01 3.07 -0.95	38.46 3.32 -0.86	45.09 4.33 -0.62	51.52 4.99 -0.27	61.99 5.74 0.00	62.62 5.44 -1.15	53.23 4.87 -0.16	46.23 4.21 -0.35	42.34 3.55 -0.16
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.83 2.25 -1.28	35.69 2.22 -2.70	33.64 2.26 0.00	33.04 2.24 -0.07	34.84 2.30 -0.15	38.88 2.61 0.00	50.01 3.62 0.00	56.90 4.17 0.00	46.75 3.26 0.00	41.88 2.89 0.00	38.16 2.53 0.00	34.82 2.34 0.00	33.25 2.23 0.00	32.99 2.24 0.00	33.12 2.28 0.00	34.29 2.30 0.00	36.91 2.64 0.00	43.26 3.13 0.00	49.86 3.61 0.00	60.64 4.39 0.00	60.29 4.26 0.00	51.76 3.57 0.00	44.71 3.04 0.00	41.29 2.66 0.00
FORT ORANGE____ 23900	33.88 1.03 -1.55	35.10 1.05 -3.28	32.57 1.19 0.00	31.98 1.17 -0.09	33.81 1.23 -0.18	37.54 1.27 0.00	48.06 1.67 0.00	53.85 1.11 0.00	44.27 0.78 0.00	39.62 0.62 0.00	36.24 0.61 0.00	33.06 0.59 0.00	31.63 0.62 0.00	31.42 0.68 0.00	31.45 0.62 0.00	32.73 0.74 0.00	35.13 0.86 0.00	41.50 1.37 0.00	47.82 1.57 0.00	58.22 1.97 0.00	57.88 1.85 0.00	49.69 1.50 0.00	42.97 1.29 0.00	39.78 1.16 0.00
FORT_DRUM_COGEN 23780	32.63 -0.25 -1.58	32.16 -0.25 -1.64	32.71 -0.19 -1.52	31.95 -0.28 -1.50	33.73 -0.23 -1.57	38.13 0.15 -1.71	48.69 0.23 -2.07	53.49 0.42 -0.34	45.46 0.00 -1.97	40.53 -0.27 -1.80	37.06 -0.25 -1.68	33.78 -0.26 -1.56	32.15 -0.37 -1.50	31.91 -0.34 -1.50	32.06 -0.28 -1.50	33.25 -0.29 -1.54	35.56 -0.34 -1.63	41.62 -0.36 -1.85	47.91 0.09 -1.57	59.30 0.62 -2.43	59.30 0.84 -2.42	50.91 0.58 -2.14	43.55 0.25 -1.63	40.29 0.15 -1.51
FOX_HILLS___ESR 323835	49.69 2.85 -15.55	40.59 2.95 -6.87	50.96 2.86 -16.73	50.98 2.80 -17.46	44.50 2.88 -9.22	50.51 3.26 -10.97	54.45 4.41 -3.65	70.05 5.17 -12.15	64.11 4.18 -16.44	60.22 3.70 -17.52	58.55 3.21 -19.71	59.61 2.96 -24.18	59.06 2.82 -25.22	59.12 2.83 -25.54	59.12 2.87 -25.42	59.65 2.94 -24.71	61.24 3.32 -23.65	87.80 4.01 -43.66	93.90 4.62 -43.03	106.49 5.51 -44.72	90.01 5.38 -28.60	60.23 4.53 -7.50	53.58 3.79 -8.11	52.00 3.36 -10.02
FPL FAR_ROCK_GT1 24212	36.05 3.32 -1.44	36.56 3.08 -2.71	34.52 3.14 0.00	33.84 3.04 -0.07	35.65 3.11 -0.15	39.97 3.70 0.00	51.70 5.06 -0.25	59.40 5.80 -0.86	49.09 4.61 -0.99	44.28 4.13 -1.15	40.68 3.74 -1.30	37.40 3.35 -1.57	35.85 3.20 -1.64	35.59 3.17 -1.67	35.72 3.21 -1.68	36.90 3.30 -1.62	39.41 3.67 -1.47	45.52 4.34 -1.05	51.70 5.00 -0.46	62.33 6.08 0.00	63.92 5.94 -1.95	53.49 5.01 -0.28	46.56 4.29 -0.59	42.73 3.82 -0.28

FPL FAR_ROCK_GT2 23815	36.05 3.32 -1.44	36.56 3.08 -2.71	34.52 3.14 0.00	33.84 3.04 -0.07	35.65 3.11 -0.15	39.97 3.70 0.00	51.70 5.06 -0.25	59.40 5.80 -0.86	49.09 4.61 -0.99	44.28 4.13 -1.15	40.68 3.74 -1.30	37.40 3.35 -1.57	35.85 3.20 -1.64	35.59 3.17 -1.67	35.72 3.21 -1.68	36.90 3.30 -1.62	39.41 3.67 -1.47	45.52 4.34 -1.05	51.70 5.00 -0.46	62.33 6.08 0.00	63.92 5.94 -1.95	53.49 5.01 -0.28	46.56 4.29 -0.59	42.73 3.82 -0.28
FRANKLIN_FALL_HYD 24054	53.92 -1.50 -24.13	53.10 -1.48 -23.80	54.03 -1.51 -24.16	52.98 -1.47 -23.73	55.57 -1.59 -24.77	61.75 -1.67 -27.15	76.91 -2.37 -32.89	73.34 -2.53 -23.13	72.74 -2.00 -31.25	65.88 -1.79 -28.68	60.67 -1.67 -26.71	55.62 -1.62 -24.77	53.38 -1.52 -23.89	53.10 -1.41 -23.77	53.35 -1.33 -23.84	55.06 -1.47 -24.54	58.61 -1.58 -25.92	67.63 -1.85 -29.34	73.38 -2.31 -29.44	92.20 -2.64 -38.59	92.07 -2.47 -38.50	80.00 -2.17 -33.97	65.96 -1.63 -25.91	61.14 -1.47 -23.99
FREEPORT_EQUS_GT1 23764	35.87 3.16 -1.41	36.38 2.89 -2.71	34.33 2.95 0.00	33.69 2.89 -0.07	35.49 2.95 -0.15	39.72 3.45 0.00	51.33 4.73 -0.21	58.88 5.43 -0.71	48.58 4.26 -0.82	43.77 3.82 -0.95	40.10 3.39 -1.08	36.90 3.12 -1.30	35.38 3.01 -1.36	35.11 2.98 -1.38	35.21 2.99 -1.39	36.40 3.07 -1.34	38.95 3.46 -1.21	45.06 4.05 -0.87	51.35 4.72 -0.38	62.00 5.74 0.00	63.20 5.55 -1.62	53.10 4.67 -0.23	46.17 4.00 -0.49	42.41 3.55 -0.23
FREEPORT___CT2 23818	35.87 3.16 -1.41	36.38 2.89 -2.71	34.33 2.95 0.00	33.69 2.89 -0.07	35.49 2.95 -0.15	39.72 3.45 0.00	51.33 4.73 -0.21	58.88 5.43 -0.71	48.58 4.26 -0.82	43.77 3.82 -0.95	40.10 3.39 -1.08	36.90 3.12 -1.30	35.38 3.01 -1.36	35.11 2.98 -1.38	35.21 2.99 -1.39	36.40 3.07 -1.34	38.95 3.46 -1.21	45.06 4.05 -0.87	51.35 4.72 -0.38	62.00 5.74 0.00	63.20 5.55 -1.62	53.10 4.67 -0.23	46.17 4.00 -0.49	42.41 3.55 -0.23
FRESHKLS_33_KV_LOAD 356253	48.86 2.72 -14.84	40.53 2.89 -6.87	49.53 2.73 -15.42	49.50 2.67 -16.10	43.70 2.79 -8.52	49.51 3.12 -10.12	53.66 4.27 -3.00	67.67 4.96 -9.98	58.96 4.00 -11.46	55.79 3.55 -13.24	53.69 3.06 -14.99	53.39 2.83 -18.08	52.58 2.70 -18.86	52.61 2.68 -19.18	52.79 2.71 -19.24	53.39 2.82 -18.58	54.34 3.19 -16.88	55.91 3.89 -11.88	55.79 4.44 -5.10	61.61 5.34 -0.01	83.65 5.21 -22.41	55.84 4.34 -3.31	52.01 3.67 -6.67	45.19 3.21 -3.36
FULTON COGEN____ 23766	30.83 -0.56 -0.10	30.43 -0.55 -0.21	30.82 -0.56 0.00	30.15 -0.58 -0.01	31.82 -0.58 -0.01	35.62 -0.65 0.00	45.60 -0.79 0.00	51.84 -0.90 0.00	42.84 -0.65 0.00	38.45 -0.55 0.00	35.17 -0.46 0.00	32.02 -0.45 0.00	30.55 -0.47 0.00	30.26 -0.49 0.00	30.31 -0.52 0.00	31.48 -0.51 0.00	33.66 -0.62 0.00	39.37 -0.76 0.00	45.42 -0.83 0.00	55.35 -0.90 0.00	55.19 -0.84 0.00	47.47 -0.72 0.00	40.88 -0.79 0.00	37.93 -0.70 0.00
FULTON___LFGE 323630	35.63 2.57 -1.76	36.99 2.49 -3.73	33.95 2.57 0.00	33.38 2.55 -0.10	35.42 2.82 -0.21	39.50 3.23 0.00	50.75 4.36 0.00	57.64 4.91 0.00	47.10 3.61 0.00	41.84 2.85 0.00	37.92 2.28 0.00	34.56 2.08 0.00	33.03 2.01 0.00	32.84 2.09 0.00	32.87 2.03 0.00	34.20 2.21 0.00	36.67 2.40 0.00	43.30 3.17 0.00	50.50 4.25 0.00	61.88 5.62 0.00	61.63 5.60 0.00	52.87 4.67 0.00	45.55 3.88 0.00	42.10 3.48 0.00
G.F.CEMENT___DRP 24184	35.19 2.28 -1.61	36.41 2.25 -3.40	33.70 2.32 0.00	33.12 2.30 -0.09	35.11 2.53 -0.19	39.25 2.97 0.00	50.43 4.04 0.00	57.17 4.43 0.00	47.01 3.52 0.00	42.04 3.04 0.00	38.31 2.67 0.00	34.92 2.44 0.00	33.34 2.33 0.00	33.18 2.43 0.00	33.02 2.19 0.00	34.39 2.40 0.00	36.98 2.71 0.00	43.47 3.33 0.00	49.67 3.42 0.00	60.53 4.28 0.00	60.23 4.20 0.00	51.47 3.28 0.00	44.42 2.75 0.00	41.06 2.43 0.00
GARDENVILLE___LBMP 24039	28.22 -3.29 -0.21	28.00 -3.23 -0.45	28.49 -2.89 0.00	27.85 -2.89 -0.01	29.15 -3.27 -0.03	33.12 -3.16 0.00	42.31 -4.08 0.00	48.20 -4.54 0.00	41.06 -2.44 0.00	37.05 -1.95 0.00	34.10 -1.53 0.00	30.79 -1.69 0.00	29.22 -1.80 0.00	28.75 -2.00 0.00	28.77 -2.07 0.00	29.98 -2.02 0.00	32.04 -2.23 0.00	37.49 -2.65 0.00	43.06 -3.19 0.00	52.71 -3.54 0.00	52.84 -3.19 0.00	46.32 -1.88 0.00	39.76 -1.92 0.00	37.66 -0.97 0.00
GARDNVLA_35_KV_LD 355827	28.26 -3.25 -0.22	28.06 -3.17 -0.46	28.59 -2.79 0.00	27.94 -2.80 -0.01	29.21 -3.21 -0.03	33.26 -3.01 0.00	42.49 -3.90 0.00	48.46 -4.27 0.00	41.27 -2.22 0.00	37.24 -1.75 0.00	34.31 -1.32 0.00	30.99 -1.49 0.00	29.37 -1.64 0.00	28.90 -1.84 0.00	28.92 -1.91 0.00	30.14 -1.86 0.00	32.22 -2.06 0.00	37.69 -2.45 0.00	43.24 -3.01 0.00	52.99 -3.26 0.00	53.12 -2.91 0.00	46.51 -1.69 0.00	39.96 -1.71 0.00	37.81 -0.81 0.00
GELCKHM___115KV_LOAD 80723	31.04 -0.38 -0.12	30.65 -0.37 -0.24	31.00 -0.38 0.00	30.33 -0.40 -0.01	32.02 -0.39 -0.01	35.87 -0.40 0.00	45.88 -0.51 0.00	52.21 -0.53 0.00	43.19 -0.30 0.00	38.76 -0.23 0.00	35.46 -0.18 0.00	32.28 -0.19 0.00	30.83 -0.19 0.00	30.53 -0.22 0.00	30.56 -0.28 0.00	31.77 -0.22 0.00	33.93 -0.34 0.00	39.69 -0.44 0.00	45.74 -0.51 0.00	55.80 -0.45 0.00	55.58 -0.45 0.00	47.81 -0.39 0.00	41.17 -0.50 0.00	38.24 -0.39 0.00
GENERAL___MILLS 23808	28.22 -3.29 -0.22	28.03 -3.20 -0.45	28.56 -2.82 0.00	27.91 -2.83 -0.01	29.18 -3.24 -0.03	33.19 -3.08 0.00	42.40 -3.99 0.00	48.36 -4.38 0.00	41.19 -2.31 0.00	37.16 -1.83 0.00	34.21 -1.43 0.00	30.89 -1.59 0.00	29.28 -1.74 0.00	28.84 -1.91 0.00	28.83 -2.00 0.00	30.07 -1.92 0.00	32.15 -2.12 0.00	37.61 -2.53 0.00	43.15 -3.10 0.00	52.88 -3.38 0.00	53.01 -3.03 0.00	46.41 -1.78 0.00	39.88 -1.79 0.00	37.73 -0.89 0.00
GE_PLASTICS___DRP 24183	33.85 1.00 -1.55	35.03 0.98 -3.28	32.45 1.07 0.00	31.86 1.04 -0.09	33.68 1.10 -0.18	37.43 1.16 0.00	47.97 1.58 0.00	54.05 1.32 0.00	44.49 1.00 0.00	39.89 0.90 0.00	36.52 0.89 0.00	33.29 0.81 0.00	31.85 0.84 0.00	31.61 0.86 0.00	31.67 0.83 0.00	32.85 0.86 0.00	35.27 0.99 0.00	41.46 1.32 0.00	47.77 1.53 0.00	58.00 1.74 0.00	57.71 1.68 0.00	49.54 1.35 0.00	42.84 1.17 0.00	39.67 1.04 0.00
GILBOA___1 23756	33.56 1.03 -1.23	34.38 1.01 -2.60	32.45 1.07 0.00	31.84 1.05 -0.07	33.61 1.07 -0.15	37.47 1.20 0.00	48.06 1.67 0.00	54.63 1.90 0.00	44.97 1.48 0.00	40.28 1.28 0.00	36.81 1.17 0.00	33.55 1.07 0.00	32.07 1.06 0.00	31.79 1.05 0.00	31.88 1.05 0.00	33.04 1.05 0.00	35.47 1.20 0.00	41.54 1.40 0.00	47.91 1.66 0.00	58.11 1.85 0.00	57.77 1.74 0.00	49.78 1.59 0.00	43.01 1.33 0.00	39.78 1.16 0.00
GILBOA___2 23757	33.56 1.03 -1.23	34.38 1.01 -2.60	32.45 1.07 0.00	31.84 1.05 -0.07	33.61 1.07 -0.15	37.47 1.20 0.00	48.06 1.67 0.00	54.63 1.90 0.00	44.97 1.48 0.00	40.28 1.28 0.00	36.81 1.17 0.00	33.55 1.07 0.00	32.07 1.06 0.00	31.79 1.05 0.00	31.88 1.05 0.00	33.04 1.05 0.00	35.47 1.20 0.00	41.54 1.40 0.00	47.91 1.66 0.00	58.11 1.85 0.00	57.77 1.74 0.00	49.78 1.59 0.00	43.01 1.33 0.00	39.78 1.16 0.00

GILBOA___3 23758	33.56 1.03 -1.23	34.38 1.01 -2.60	32.45 1.07 0.00	31.84 1.05 -0.07	33.61 1.07 -0.15	37.47 1.20 0.00	48.06 1.67 0.00	54.63 1.90 0.00	44.97 1.48 0.00	40.28 1.28 0.00	36.81 1.17 0.00	33.55 1.07 0.00	32.07 1.06 0.00	31.79 1.05 0.00	31.88 1.05 0.00	33.04 1.05 0.00	35.47 1.20 0.00	41.54 1.40 0.00	47.91 1.66 0.00	58.11 1.85 0.00	57.77 1.74 0.00	49.78 1.59 0.00	43.01 1.33 0.00	39.78 1.16 0.00
GILBOA___4 23759	33.56 1.03 -1.23	34.38 1.01 -2.60	32.45 1.07 0.00	31.84 1.05 -0.07	33.61 1.07 -0.15	37.47 1.20 0.00	48.06 1.67 0.00	54.63 1.90 0.00	44.97 1.48 0.00	40.28 1.28 0.00	36.81 1.17 0.00	33.55 1.07 0.00	32.07 1.06 0.00	31.79 1.05 0.00	31.88 1.05 0.00	33.04 1.05 0.00	35.47 1.20 0.00	41.54 1.40 0.00	47.91 1.66 0.00	58.11 1.85 0.00	57.77 1.74 0.00	49.78 1.59 0.00	43.01 1.33 0.00	39.78 1.16 0.00
GILBOA___ 23599	33.56 1.03 -1.23	34.39 1.02 -2.60	32.45 1.07 0.00	31.84 1.04 -0.07	33.61 1.07 -0.15	37.47 1.20 0.00	48.06 1.67 0.00	54.58 1.85 0.00	44.97 1.48 0.00	40.28 1.29 0.00	36.81 1.18 0.00	33.55 1.07 0.00	32.07 1.05 0.00	31.79 1.05 0.00	31.88 1.05 0.00	33.05 1.06 0.00	35.47 1.20 0.00	41.58 1.44 0.00	47.91 1.66 0.00	58.05 1.80 0.00	57.77 1.74 0.00	49.74 1.54 0.00	43.01 1.33 0.00	39.78 1.16 0.00
GINNA___ 23603	29.04 -2.41 -0.15	28.75 -2.34 -0.31	28.87 -2.51 0.00	28.28 -2.46 -0.01	29.82 -2.59 -0.02	33.44 -2.83 0.00	42.77 -3.62 0.00	48.78 -3.96 0.00	40.79 -2.70 0.00	36.66 -2.34 0.00	33.71 -1.92 0.00	30.59 -1.88 0.00	29.15 -1.86 0.00	28.78 -1.97 0.00	28.80 -2.04 0.00	29.98 -2.01 0.00	31.94 -2.33 0.00	37.29 -2.85 0.00	42.73 -3.52 0.00	52.60 -3.66 0.00	52.67 -3.36 0.00	45.30 -2.89 0.00	39.00 -2.67 0.00	36.42 -2.20 0.00
GLEN PARK___ 23778	32.68 -0.12 -1.51	32.21 -0.12 -1.56	32.76 -0.06 -1.44	31.99 -0.15 -1.42	33.75 -0.13 -1.48	38.22 0.33 -1.62	48.81 0.46 -1.96	53.69 0.64 -0.32	45.53 0.17 -1.86	40.63 -0.08 -1.71	37.05 -0.18 -1.59	33.76 -0.19 -1.47	32.13 -0.31 -1.42	31.89 -0.28 -1.42	32.04 -0.21 -1.42	33.20 -0.26 -1.46	35.58 -0.24 -1.54	41.72 -0.16 -1.75	48.02 0.28 -1.49	59.57 1.01 -2.30	59.56 1.23 -2.29	51.04 0.82 -2.02	43.67 0.46 -1.54	40.44 0.39 -1.43
GLENDALE_27_KV_LOAD 356172	38.35 3.00 -4.05	36.60 2.95 -2.87	36.27 3.01 -1.88	35.70 2.95 -2.03	36.64 3.08 -1.17	40.98 3.48 -1.23	54.68 4.64 -3.65	70.26 5.38 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.76 3.42 -19.71	59.81 3.15 -24.18	59.27 3.04 -25.22	59.30 3.01 -25.54	59.30 3.05 -25.42	59.84 3.14 -24.71	61.41 3.50 -23.65	87.99 4.21 -43.64	94.07 4.81 -43.01	106.69 5.74 -44.70	90.24 5.60 -28.60	60.42 4.72 -7.50	53.83 4.04 -8.11	52.19 3.55 -10.01
GLENWOOD_IC_1_G5 23712	35.72 2.97 -1.45	36.25 2.77 -2.71	34.20 2.82 0.00	33.57 2.77 -0.07	35.36 2.82 -0.15	39.57 3.30 0.00	51.21 4.55 -0.27	58.89 5.22 -0.93	48.69 4.13 -1.07	43.98 3.74 -1.24	40.38 3.35 -1.40	37.23 3.05 -1.69	35.70 2.92 -1.77	35.44 2.89 -1.80	35.57 2.93 -1.80	36.74 3.01 -1.74	39.21 3.36 -1.58	45.28 4.01 -1.13	51.27 4.53 -0.49	61.49 5.23 0.00	63.29 5.15 -2.10	52.93 4.43 -0.30	46.15 3.83 -0.64	42.33 3.40 -0.30
GLENWOOD_IC_2_G1 23688	35.20 2.72 -1.18	36.07 2.59 -2.71	34.02 2.64 0.00	33.41 2.61 -0.07	35.23 2.69 -0.15	39.32 3.05 0.00	50.38 4.18 0.19	56.97 4.85 0.62	46.56 3.78 0.71	41.61 3.43 0.82	37.73 3.03 0.93	34.12 2.76 1.12	32.51 2.67 1.17	32.21 2.64 1.19	32.32 2.68 1.19	33.59 2.75 1.15	36.31 3.09 1.05	43.01 3.61 0.73	50.14 4.21 0.31	61.26 5.00 0.00	59.52 4.87 1.39	52.08 4.09 0.21	44.76 3.50 0.41	41.46 3.05 0.21
GLENWOOD_IC_3_G1 23689	35.20 2.72 -1.18	36.07 2.59 -2.71	34.02 2.64 0.00	33.41 2.61 -0.07	35.23 2.69 -0.15	39.32 3.05 0.00	50.38 4.18 0.19	56.97 4.85 0.62	46.56 3.78 0.71	41.61 3.43 0.82	37.73 3.03 0.93	34.12 2.76 1.12	32.51 2.67 1.17	32.21 2.64 1.19	32.32 2.68 1.19	33.59 2.75 1.15	36.31 3.09 1.05	43.01 3.61 0.73	50.14 4.21 0.31	61.26 5.00 0.00	59.52 4.87 1.39	52.08 4.09 0.21	44.76 3.50 0.41	41.46 3.05 0.21
GLENWOOD___4 23550	35.72 2.97 -1.45	36.25 2.77 -2.71	34.20 2.82 0.00	33.57 2.77 -0.07	35.36 2.82 -0.15	39.57 3.30 0.00	51.21 4.55 -0.27	58.89 5.22 -0.93	48.69 4.13 -1.07	43.98 3.74 -1.24	40.38 3.35 -1.40	37.23 3.05 -1.69	35.70 2.92 -1.77	35.44 2.89 -1.80	35.57 2.93 -1.80	36.74 3.01 -1.74	39.21 3.36 -1.58	45.28 4.01 -1.13	51.27 4.53 -0.49	61.60 5.34 0.00	63.34 5.21 -2.10	52.93 4.43 -0.30	46.15 3.83 -0.64	42.33 3.40 -0.30
GLENWOOD___5 23614	35.72 2.97 -1.45	36.25 2.77 -2.71	34.20 2.82 0.00	33.57 2.77 -0.07	35.36 2.82 -0.15	39.57 3.30 0.00	51.21 4.55 -0.27	58.89 5.22 -0.93	48.69 4.13 -1.07	43.98 3.74 -1.24	40.38 3.35 -1.40	37.23 3.05 -1.69	35.70 2.92 -1.77	35.44 2.89 -1.80	35.57 2.93 -1.80	36.74 3.01 -1.74	39.21 3.36 -1.58	45.28 4.01 -1.13	51.27 4.53 -0.49	61.60 5.34 0.00	63.34 5.21 -2.10	52.93 4.43 -0.30	46.15 3.83 -0.64	42.33 3.40 -0.30
GLOBAL GREEN_PORT_GT1 23814	35.70 3.03 -1.37	36.16 2.68 -2.71	34.21 2.83 0.00	33.53 2.73 -0.07	35.23 2.69 -0.15	39.61 3.34 0.00	51.31 4.78 -0.15	58.67 5.43 -0.50	47.90 3.83 -0.58	42.98 3.31 -0.67	38.57 2.17 -0.76	35.77 2.37 -0.92	34.21 2.23 -0.96	34.00 2.28 -0.97	34.09 2.28 -0.98	35.11 2.18 -0.94	37.60 2.47 -0.86	44.16 3.41 -0.62	50.68 4.16 -0.27	61.49 5.23 0.00	61.77 4.60 -1.14	52.26 3.90 -0.16	45.36 3.34 -0.35	41.41 2.63 -0.16
GLOBE___DSASP 323697	27.74 -3.76 -0.20	27.56 -3.63 -0.42	27.68 -3.70 0.00	27.08 -3.66 -0.01	28.59 -3.82 -0.02	32.10 -4.17 0.00	40.82 -5.57 0.00	46.41 -6.33 0.00	39.66 -3.83 0.00	35.84 -3.16 0.00	33.10 -2.53 0.00	29.91 -2.57 0.00	28.38 -2.64 0.00	27.92 -2.83 0.00	27.97 -2.87 0.00	29.14 -2.85 0.00	31.12 -3.15 0.00	36.24 -3.89 0.00	41.58 -4.67 0.00	50.80 -5.46 0.00	50.82 -5.21 0.00	44.68 -3.52 0.00	38.42 -3.25 0.00	36.38 -2.24 0.00
GOETHSLN___LBMP 323567	37.05 2.85 -2.90	36.19 2.71 -2.71	34.17 2.79 0.00	33.54 2.73 -0.07	35.39 2.85 -0.15	39.47 3.19 0.00	53.65 4.27 -3.00	67.56 4.85 -9.97	58.69 3.74 -11.46	55.62 3.39 -13.23	53.68 3.06 -14.98	53.35 2.79 -18.08	52.57 2.70 -18.86	52.60 2.68 -19.18	52.78 2.71 -19.24	53.35 2.78 -18.57	54.26 3.12 -16.87	55.70 3.69 -11.87	55.55 4.21 -5.10	61.21 4.95 0.00	83.31 4.87 -22.40	55.59 4.10 -3.30	51.96 3.63 -6.66	45.14 3.17 -3.35
GOLAH___69_KV_TB 1_2 80279	30.08 -1.38 -0.16	29.75 -1.35 -0.33	29.91 -1.47 0.00	29.26 -1.47 -0.01	30.99 -1.43 -0.02	34.75 -1.52 0.00	44.40 -1.99 0.00	50.57 -2.16 0.00	42.40 -1.09 0.00	38.14 -0.86 0.00	34.99 -0.64 0.00	31.70 -0.78 0.00	30.15 -0.87 0.00	29.73 -1.01 0.00	29.79 -1.05 0.00	31.00 -0.99 0.00	32.97 -1.30 0.00	38.69 -1.44 0.00	44.49 -1.76 0.00	54.68 -1.58 0.00	54.74 -1.29 0.00	47.33 -0.87 0.00	40.71 -0.96 0.00	38.24 -0.39 0.00

GOODYEAR_LAKE_HYD 323669	33.17 1.47 -0.40	33.07 1.45 -0.85	32.92 1.54 0.00	32.26 1.51 -0.02	34.03 1.59 -0.05	38.23 1.96 0.00	49.13 2.74 0.00	56.06 3.32 0.00	46.14 2.65 0.00	41.26 2.26 0.00	37.63 2.00 0.00	34.30 1.82 0.00	32.66 1.64 0.00	32.35 1.60 0.00	32.47 1.63 0.00	33.72 1.73 0.00	36.16 1.88 0.00	42.34 2.21 0.00	48.98 2.73 0.00	59.69 3.43 0.00	59.45 3.42 0.00	51.09 2.89 0.00	44.01 2.33 0.00	40.79 2.16 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.49 -0.22 -0.41	31.39 -0.25 -0.87	31.32 -0.06 0.00	30.66 -0.09 -0.02	32.28 -0.16 -0.05	36.31 0.04 0.00	46.58 0.19 0.00	53.05 0.32 0.00	44.01 0.52 0.00	39.43 0.43 0.00	35.99 0.36 0.00	32.71 0.23 0.00	31.14 0.12 0.00	30.81 0.06 0.00	30.90 0.06 0.00	32.12 0.13 0.00	34.44 0.17 0.00	40.33 0.20 0.00	46.53 0.28 0.00	56.70 0.45 0.00	56.54 0.50 0.00	48.73 0.53 0.00	41.92 0.25 0.00	39.12 0.50 0.00
GOUDEY___7 23579	31.49 -0.22 -0.41	31.39 -0.25 -0.87	31.32 -0.06 0.00	30.66 -0.09 -0.02	32.28 -0.16 -0.05	36.31 0.04 0.00	46.58 0.19 0.00	53.05 0.32 0.00	44.01 0.52 0.00	39.43 0.43 0.00	35.99 0.36 0.00	32.71 0.23 0.00	31.14 0.12 0.00	30.81 0.06 0.00	30.90 0.06 0.00	32.12 0.13 0.00	34.44 0.17 0.00	40.33 0.20 0.00	46.53 0.28 0.00	56.70 0.45 0.00	56.54 0.50 0.00	48.73 0.53 0.00	41.92 0.25 0.00	39.12 0.50 0.00
GOUDEY___8 23580	31.49 -0.22 -0.41	31.39 -0.25 -0.87	31.32 -0.06 0.00	30.66 -0.09 -0.02	32.28 -0.16 -0.05	36.31 0.04 0.00	46.58 0.19 0.00	53.05 0.32 0.00	44.01 0.52 0.00	39.43 0.43 0.00	35.99 0.36 0.00	32.71 0.23 0.00	31.14 0.12 0.00	30.81 0.06 0.00	30.90 0.06 0.00	32.12 0.13 0.00	34.44 0.17 0.00	40.33 0.20 0.00	46.53 0.28 0.00	56.70 0.45 0.00	56.54 0.50 0.00	48.73 0.53 0.00	41.92 0.25 0.00	39.12 0.50 0.00
GOWANUS_GT1_1 24077	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.21 2.98 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.09 4.81 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT1_2 24078	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.21 2.98 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.09 4.81 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT1_3 24079	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.21 2.98 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.09 4.81 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT1_4 24080	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.21 2.98 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.09 4.81 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT1_5 24084	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.21 2.98 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.09 4.81 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT1_6 24111	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.21 2.98 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.09 4.81 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT1_7 24112	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.21 2.98 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.09 4.81 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT1_8 24113	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.21 2.98 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.09 4.81 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT2_1 24114	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT2_2 24115	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT2_3 24116	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02

GOWANUS_GT2_4 24117	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT2_5 24118	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT2_6 24119	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT2_7 24120	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT2_8 24121	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT3_1 24122	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.15 4.22 -16.44	60.38 3.86 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.24 2.95 -25.54	59.28 3.02 -25.42	59.78 3.07 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.00 4.72 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.37 4.67 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT3_2 24123	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.15 4.22 -16.44	60.38 3.86 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.24 2.95 -25.54	59.28 3.02 -25.42	59.78 3.07 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.00 4.72 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.37 4.67 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT3_3 24124	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.15 4.22 -16.44	60.38 3.86 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.24 2.95 -25.54	59.28 3.02 -25.42	59.78 3.07 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.00 4.72 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.37 4.67 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT3_4 24125	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.15 4.22 -16.44	60.38 3.86 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.24 2.95 -25.54	59.28 3.02 -25.42	59.78 3.07 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.00 4.72 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.37 4.67 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT3_5 24126	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.15 4.22 -16.44	60.38 3.86 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.24 2.95 -25.54	59.28 3.02 -25.42	59.78 3.07 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.00 4.72 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.37 4.67 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT3_6 24127	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.15 4.22 -16.44	60.38 3.86 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.24 2.95 -25.54	59.28 3.02 -25.42	59.78 3.07 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.00 4.72 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.37 4.67 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT3_7 24128	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.15 4.22 -16.44	60.38 3.86 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.24 2.95 -25.54	59.28 3.02 -25.42	59.78 3.07 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.00 4.72 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.37 4.67 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT3_8 24129	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.15 4.22 -16.44	60.38 3.86 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.24 2.95 -25.54	59.28 3.02 -25.42	59.78 3.07 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.00 4.72 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.37 4.67 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
GOWANUS_GT4_1 24130	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.13 4.86 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT4_2 24131	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.13 4.86 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02

GOWANUS_GT4_3 24132	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.13 4.86 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT4_4 24133	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.13 4.86 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT4_5 24134	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.13 4.86 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT4_6 24135	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.13 4.86 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT4_7 24136	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.13 4.86 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GOWANUS_GT4_8 24137	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.13 4.86 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GREENBSH_115KV_TB3 55895	33.82 0.97 -1.56	35.02 0.95 -3.29	32.42 1.04 0.00	31.83 1.01 -0.09	33.68 1.10 -0.18	37.40 1.12 0.00	47.78 1.39 0.00	53.53 0.79 0.00	44.06 0.57 0.00	39.46 0.47 0.00	36.20 0.57 0.00	33.06 0.58 0.00	31.63 0.62 0.00	31.42 0.68 0.00	31.45 0.62 0.00	32.73 0.74 0.00	35.09 0.82 0.00	41.38 1.24 0.00	47.68 1.43 0.00	57.89 1.63 0.00	57.60 1.57 0.00	49.45 1.25 0.00	42.76 1.08 0.00	39.59 0.97 0.00
GREENIDGE_115KV_TB5 80291	30.70 -0.84 -0.25	30.47 -0.83 -0.53	30.69 -0.69 0.00	30.04 -0.71 -0.01	31.64 -0.78 -0.03	35.73 -0.54 0.00	45.93 -0.46 0.00	52.10 -0.63 0.00	43.58 0.09 0.00	39.04 0.04 0.00	35.63 0.00 0.00	32.25 -0.23 0.00	30.67 -0.34 0.00	30.35 -0.40 0.00	30.37 -0.46 0.00	31.64 -0.35 0.00	33.86 -0.41 0.00	39.73 -0.40 0.00	45.88 -0.37 0.00	55.97 -0.28 0.00	55.92 -0.11 0.00	48.48 0.29 0.00	41.55 -0.13 0.00	38.93 0.31 0.00
GREENIDGE___3 23582	30.70 -0.84 -0.25	30.47 -0.83 -0.53	30.69 -0.69 0.00	30.04 -0.71 -0.01	31.64 -0.78 -0.03	35.73 -0.54 0.00	45.93 -0.46 0.00	52.10 -0.63 0.00	43.58 0.09 0.00	39.04 0.04 0.00	35.63 0.00 0.00	32.25 -0.23 0.00	30.67 -0.34 0.00	30.35 -0.40 0.00	30.37 -0.46 0.00	31.64 -0.35 0.00	33.86 -0.41 0.00	39.73 -0.40 0.00	45.88 -0.37 0.00	55.97 -0.28 0.00	55.92 -0.11 0.00	48.48 0.29 0.00	41.55 -0.13 0.00	38.93 0.31 0.00
GREENIDGE___4 23583	30.70 -0.84 -0.25	30.48 -0.83 -0.53	30.69 -0.69 0.00	30.07 -0.68 -0.01	31.64 -0.78 -0.03	35.73 -0.54 0.00	45.93 -0.46 0.00	52.05 -0.69 0.00	43.53 0.04 0.00	38.92 -0.08 0.00	35.63 0.00 0.00	32.25 -0.23 0.00	30.67 -0.34 0.00	30.35 -0.40 0.00	30.37 -0.46 0.00	31.64 -0.35 0.00	33.86 -0.41 0.00	39.61 -0.52 0.00	45.70 -0.55 0.00	55.86 -0.39 0.00	55.92 -0.11 0.00	48.39 0.19 0.00	41.55 -0.12 0.00	38.93 0.31 0.00
GREENLWN_69_KV_BK 3 55738	35.80 3.13 -1.38	36.35 2.86 -2.71	34.30 2.92 0.00	33.63 2.83 -0.07	35.39 2.85 -0.15	39.68 3.41 0.00	50.99 4.45 -0.15	58.32 5.06 -0.52	48.05 3.96 -0.60	43.51 3.82 -0.69	39.77 3.35 -0.79	36.52 3.09 -0.95	34.98 2.98 -0.99	34.71 2.95 -1.01	34.84 2.99 -1.01	36.04 3.07 -0.98	38.55 3.39 -0.89	44.79 4.01 -0.64	50.87 4.35 -0.28	61.43 5.18 0.00	62.26 5.04 -1.18	52.60 4.24 -0.17	45.78 3.75 -0.36	42.31 3.51 -0.17
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.13 4.86 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02
GRISSOM___SOLAR 323813	35.45 2.41 -1.74	36.80 2.34 -3.69	33.80 2.42 0.00	33.23 2.40 -0.10	35.22 2.62 -0.21	39.28 3.01 0.00	50.47 4.08 0.00	57.27 4.54 0.00	46.84 3.35 0.00	41.65 2.65 0.00	37.81 2.17 0.00	34.46 1.98 0.00	32.94 1.92 0.00	32.75 2.00 0.00	32.75 1.91 0.00	34.07 2.08 0.00	36.57 2.30 0.00	43.15 3.01 0.00	50.23 3.98 0.00	61.43 5.17 0.00	61.18 5.15 0.00	52.48 4.29 0.00	45.21 3.54 0.00	41.83 3.20 0.00
GROVEVILLE___HYD 323602	34.83 2.25 -1.28	35.69 2.22 -2.70	33.64 2.26 0.00	33.04 2.24 -0.07	34.84 2.30 -0.15	38.88 2.61 0.00	50.01 3.62 0.00	56.90 4.17 0.00	46.75 3.26 0.00	41.88 2.89 0.00	38.16 2.53 0.00	34.82 2.34 0.00	33.25 2.23 0.00	32.99 2.24 0.00	33.12 2.28 0.00	34.29 2.30 0.00	36.91 2.64 0.00	43.26 3.13 0.00	49.86 3.61 0.00	60.64 4.39 0.00	60.29 4.26 0.00	51.76 3.57 0.00	44.71 3.04 0.00	41.29 2.66 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.27 -0.16 -0.13	30.89 -0.15 -0.27	31.22 -0.16 0.00	30.55 -0.18 -0.01	32.21 -0.19 -0.02	36.13 -0.15 0.00	46.25 -0.14 0.00	52.63 -0.11 0.00	43.49 0.00 0.00	39.04 0.04 0.00	35.70 0.07 0.00	32.51 0.03 0.00	31.01 0.00 0.00	30.72 -0.03 0.00	30.77 -0.06 0.00	31.96 -0.03 0.00	34.17 -0.10 0.00	39.97 -0.16 0.00	46.06 -0.18 0.00	56.20 -0.06 0.00	55.98 -0.06 0.00	48.15 -0.05 0.00	41.46 -0.21 0.00	38.51 -0.12 0.00

HAMLTNNY_34_KV_TB 80303	31.25 -0.19 -0.14	30.88 -0.18 -0.29	31.19 -0.19 0.00	30.52 -0.22 -0.01	32.21 -0.19 -0.02	36.13 -0.15 0.00	45.32 -1.07 0.00	51.84 -0.90 0.00	43.49 0.00 0.00	39.19 0.19 0.00	35.99 0.36 0.00	32.61 0.13 0.00	31.05 0.03 0.00	30.63 -0.12 0.00	30.65 -0.19 0.00	31.93 -0.06 0.00	33.96 -0.31 0.00	39.69 -0.44 0.00	45.55 -0.69 0.00	55.97 -0.28 0.00	55.98 -0.06 0.00	48.29 0.10 0.00	41.42 -0.25 0.00	38.78 0.15 0.00
HAMPSHIRE___PAPER_HYD 323593	34.13 -1.03 -3.86	33.64 -0.99 -3.85	34.21 -1.01 -3.83	33.45 -1.04 -3.77	35.26 -1.07 -3.93	39.64 -0.94 -4.31	50.21 -1.39 -5.21	51.64 -1.48 -0.38	47.19 -1.26 -4.96	42.30 -1.25 -4.55	38.62 -1.25 -4.24	35.27 -1.14 -3.93	33.66 -1.15 -3.79	33.50 -1.01 -3.77	33.69 -0.92 -3.78	34.83 -1.05 -3.89	37.25 -1.13 -4.11	43.50 -1.29 -4.65	48.71 -1.39 -3.85	60.91 -1.46 -6.12	60.79 -1.35 -6.11	52.33 -1.25 -5.39	44.82 -0.96 -4.11	41.50 -0.93 -3.80
HARDSCRABBLE_WT_PWR 323673	29.54 -1.75 0.00	29.08 -1.69 0.00	29.65 -1.73 0.00	29.04 -1.69 0.00	30.67 -1.72 0.00	34.46 -1.81 0.00	44.12 -2.27 0.00	50.89 -2.53 -0.68	41.14 -2.35 0.00	36.85 -2.14 0.00	33.60 -2.03 0.00	30.69 -1.79 0.00	29.25 -1.77 0.00	29.00 -1.75 0.00	29.11 -1.73 0.00	30.20 -1.79 0.00	32.35 -1.92 0.00	37.89 -2.25 0.00	44.01 -2.41 -0.17	53.44 -2.81 0.00	53.29 -2.74 0.00	45.79 -2.41 0.00	39.50 -2.17 0.00	36.54 -2.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.55 2.07 -1.19	35.29 2.00 -2.51	33.42 2.04 0.00	32.79 2.00 -0.07	34.61 2.07 -0.14	38.63 2.36 0.00	49.59 3.20 0.00	56.53 3.80 0.00	46.49 3.00 0.00	41.65 2.65 0.00	37.95 2.32 0.00	34.59 2.11 0.00	33.03 2.02 0.00	32.75 2.00 0.00	32.87 2.04 0.00	34.10 2.11 0.00	36.71 2.43 0.00	43.02 2.89 0.00	49.58 3.33 0.00	60.25 3.99 0.00	59.90 3.87 0.00	51.38 3.18 0.00	44.38 2.71 0.00	40.98 2.36 0.00
HARSNRAD_115KV_TB1 81005	28.11 -3.38 -0.20	27.89 -3.29 -0.41	28.15 -3.23 0.00	27.51 -3.23 -0.01	28.98 -3.43 -0.02	32.68 -3.59 0.00	41.66 -4.73 0.00	47.41 -5.33 0.00	40.45 -3.04 0.00	36.54 -2.46 0.00	33.71 -1.92 0.00	30.43 -2.05 0.00	28.87 -2.14 0.00	28.41 -2.34 0.00	28.43 -2.41 0.00	29.62 -2.37 0.00	31.63 -2.64 0.00	36.92 -3.21 0.00	42.32 -3.93 0.00	51.87 -4.39 0.00	52.00 -4.03 0.00	45.59 -2.60 0.00	39.13 -2.54 0.00	37.04 -1.58 0.00
HARZA MOOSE___RIVER 24016	32.52 0.09 -1.13	32.06 0.12 -1.17	32.63 0.16 -1.09	31.89 0.09 -1.07	33.64 0.13 -1.12	37.93 0.44 -1.22	48.52 0.65 -1.48	54.18 0.84 -0.60	45.42 0.52 -1.41	40.60 0.31 -1.29	37.09 0.25 -1.20	33.82 0.23 -1.12	32.25 0.16 -1.08	31.97 0.15 -1.07	32.12 0.22 -1.07	33.32 0.22 -1.11	35.71 0.27 -1.17	41.74 0.28 -1.32	48.07 0.60 -1.22	58.95 0.96 -1.74	58.83 1.06 -1.74	50.50 0.77 -1.53	43.38 0.54 -1.17	40.17 0.46 -1.08
HDSNBRDG_115KV_BRDG_TB1 355580	31.07 -0.34 -0.12	30.68 -0.34 -0.25	31.03 -0.35 0.00	30.37 -0.37 -0.01	32.05 -0.36 -0.01	35.91 -0.36 0.00	45.93 -0.46 0.00	52.26 -0.47 0.00	43.27 -0.22 0.00	38.84 -0.16 0.00	35.53 -0.11 0.00	32.35 -0.13 0.00	30.86 -0.16 0.00	30.56 -0.18 0.00	30.62 -0.22 0.00	31.80 -0.19 0.00	34.00 -0.27 0.00	39.77 -0.36 0.00	45.83 -0.42 0.00	55.86 -0.39 0.00	55.64 -0.39 0.00	47.91 -0.29 0.00	41.26 -0.42 0.00	38.31 -0.31 0.00
HELLGATE_13_KV_LD 55870	38.38 3.04 -4.05	36.63 2.98 -2.87	36.30 3.04 -1.88	35.73 2.98 -2.03	36.64 3.08 -1.17	40.99 3.48 -1.23	54.68 4.64 -3.65	70.26 5.38 -12.15	64.28 4.35 -16.44	60.42 3.90 -17.52	58.76 3.42 -19.71	59.81 3.15 -24.18	59.27 3.04 -25.22	59.30 3.01 -25.54	59.31 3.05 -25.42	59.84 3.14 -24.71	61.42 3.50 -23.65	88.01 4.21 -43.66	94.10 4.81 -43.04	106.72 5.74 -44.73	90.24 5.60 -28.60	60.42 4.72 -7.50	53.83 4.04 -8.11	52.19 3.55 -10.02
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.38 3.04 -4.05	36.63 2.98 -2.87	36.30 3.04 -1.88	35.73 2.98 -2.03	36.64 3.08 -1.17	40.99 3.48 -1.23	54.68 4.64 -3.65	70.26 5.38 -12.15	64.28 4.35 -16.44	60.42 3.90 -17.52	58.76 3.42 -19.71	59.81 3.15 -24.18	59.27 3.04 -25.22	59.30 3.01 -25.54	59.31 3.05 -25.42	59.84 3.14 -24.71	61.42 3.50 -23.65	88.01 4.21 -43.66	94.10 4.81 -43.04	106.72 5.74 -44.73	90.24 5.60 -28.60	60.42 4.72 -7.50	53.83 4.04 -8.11	52.19 3.55 -10.02
HEMPSTEAD____ 23647	35.63 2.91 -1.42	36.16 2.68 -2.71	34.11 2.73 0.00	33.47 2.67 -0.07	35.27 2.72 -0.15	39.47 3.19 0.00	51.03 4.41 -0.23	58.65 5.11 -0.80	48.36 3.96 -0.92	43.64 3.59 -1.06	40.04 3.21 -1.20	36.85 2.92 -1.45	35.35 2.82 -1.51	35.09 2.80 -1.54	35.21 2.83 -1.54	36.36 2.88 -1.49	38.85 3.22 -1.35	44.88 3.77 -0.97	51.07 4.40 -0.42	61.49 5.23 0.00	62.93 5.10 -1.80	52.74 4.29 -0.26	45.89 3.67 -0.55	42.13 3.24 -0.26
HEWLETT_69_KV_BK3 55828	35.92 3.19 -1.44	36.44 2.95 -2.71	34.39 3.01 0.00	33.72 2.92 -0.07	35.52 2.98 -0.15	39.83 3.55 0.00	51.51 4.87 -0.25	59.14 5.54 -0.86	48.96 4.48 -0.99	44.12 3.98 -1.15	40.50 3.56 -1.30	37.27 3.22 -1.57	35.73 3.07 -1.64	35.46 3.04 -1.67	35.59 3.08 -1.68	36.78 3.17 -1.62	39.27 3.53 -1.47	45.40 4.21 -1.05	51.47 4.76 -0.46	61.99 5.74 0.00	63.70 5.72 -1.95	53.20 4.72 -0.28	46.39 4.13 -0.59	42.57 3.67 -0.28
HICKLING___1 23621	30.49 -1.13 -0.32	30.32 -1.14 -0.68	30.60 -0.78 0.00	29.92 -0.83 -0.02	31.43 -1.00 -0.04	35.58 -0.69 0.00	45.69 -0.70 0.00	52.10 -0.63 0.00	43.53 0.04 0.00	39.04 0.04 0.00	35.63 0.00 0.00	32.25 -0.23 0.00	30.64 -0.37 0.00	30.26 -0.49 0.00	30.28 -0.56 0.00	31.54 -0.45 0.00	33.83 -0.45 0.00	39.65 -0.48 0.00	45.74 -0.51 0.00	55.92 -0.34 0.00	55.92 -0.11 0.00	48.34 0.14 0.00	41.51 -0.17 0.00	39.01 0.39 0.00
HICKLING___2 23622	30.49 -1.13 -0.32	30.32 -1.14 -0.68	30.60 -0.78 0.00	29.92 -0.83 -0.02	31.43 -1.00 -0.04	35.58 -0.69 0.00	45.69 -0.70 0.00	52.10 -0.63 0.00	43.53 0.04 0.00	39.04 0.04 0.00	35.63 0.00 0.00	32.25 -0.23 0.00	30.64 -0.37 0.00	30.26 -0.49 0.00	30.28 -0.56 0.00	31.54 -0.45 0.00	33.83 -0.45 0.00	39.65 -0.48 0.00	45.74 -0.51 0.00	55.92 -0.34 0.00	55.92 -0.11 0.00	48.34 0.14 0.00	41.51 -0.17 0.00	39.01 0.39 0.00
HIGH FALLS___HY 23754	34.76 2.19 -1.27	35.59 2.12 -2.69	33.51 2.13 0.00	32.89 2.09 -0.07	34.68 2.14 -0.15	38.74 2.47 0.00	49.87 3.48 0.00	56.85 4.11 0.00	46.71 3.22 0.00	41.69 2.69 0.00	37.95 2.32 0.00	34.59 2.11 0.00	33.03 2.02 0.00	32.75 2.00 0.00	32.90 2.07 0.00	34.10 2.11 0.00	36.74 2.47 0.00	43.06 2.93 0.00	49.62 3.38 0.00	60.53 4.28 0.00	60.18 4.15 0.00	51.67 3.47 0.00	44.63 2.96 0.00	41.17 2.55 0.00
HIGH_RIVER___SOLAR 323847	34.87 1.88 -1.70	36.20 1.85 -3.58	33.26 1.88 0.00	32.70 1.87 -0.10	34.64 2.04 -0.20	38.60 2.32 0.00	49.55 3.16 0.00	56.16 3.43 0.00	45.92 2.43 0.00	40.83 1.83 0.00	37.09 1.46 0.00	33.74 1.27 0.00	32.26 1.24 0.00	32.01 1.26 0.00	32.07 1.23 0.00	33.33 1.34 0.00	35.85 1.58 0.00	42.30 2.17 0.00	49.30 3.05 0.00	60.25 3.99 0.00	60.01 3.98 0.00	51.47 3.28 0.00	44.42 2.75 0.00	41.06 2.43 0.00

HILLBURN___GT 23639	34.66 2.16 -1.20	35.38 2.06 -2.55	33.48 2.10 0.00	32.89 2.09 -0.07	34.74 2.20 -0.14	38.70 2.43 0.00	49.68 3.29 0.00	56.69 3.96 0.00	46.58 3.09 0.00	41.73 2.73 0.00	38.06 2.42 0.00	34.69 2.21 0.00	33.12 2.11 0.00	32.84 2.09 0.00	32.96 2.13 0.00	34.17 2.18 0.00	36.77 2.50 0.00	43.03 2.89 0.00	49.62 3.37 0.00	60.31 4.05 0.00	59.95 3.92 0.00	51.47 3.28 0.00	44.42 2.75 0.00	40.98 2.36 0.00
HILLSIDE_115KV_TB1 80332	30.41 -1.22 -0.34	30.22 -1.26 -0.71	30.44 -0.94 0.00	29.82 -0.92 -0.02	31.30 -1.13 -0.04	35.37 -0.91 0.00	45.37 -1.02 0.00	51.73 -1.00 0.00	43.19 -0.30 0.00	38.68 -0.31 0.00	35.35 -0.29 0.00	31.99 -0.49 0.00	30.42 -0.59 0.00	30.04 -0.71 0.00	30.09 -0.74 0.00	31.32 -0.67 0.00	33.62 -0.65 0.00	39.37 -0.76 0.00	45.42 -0.83 0.00	55.47 -0.79 0.00	55.36 -0.67 0.00	47.86 -0.34 0.00	41.13 -0.54 0.00	38.62 0.00 0.00
HISHELDN_WT_PWR 323625	28.08 -3.44 -0.23	27.88 -3.39 -0.49	28.27 -3.11 0.00	27.76 -2.98 -0.01	29.12 -3.30 -0.03	32.90 -3.37 0.00	42.08 -4.31 0.00	47.89 -4.85 0.00	40.66 -2.83 0.00	36.42 -2.57 0.00	33.64 -1.99 0.00	30.37 -2.11 0.00	28.78 -2.23 0.00	28.38 -2.37 0.00	28.40 -2.44 0.00	29.59 -2.40 0.00	31.63 -2.64 0.00	36.84 -3.29 0.00	42.36 -3.88 0.00	52.26 -3.99 0.00	52.84 -3.19 0.00	46.08 -2.12 0.00	39.76 -1.92 0.00	37.62 -1.00 0.00
HOLTSVILLE_IC_1 23690	35.80 3.13 -1.37	36.28 2.80 -2.71	34.30 2.92 0.00	33.63 2.83 -0.07	35.36 2.82 -0.15	39.68 3.41 0.00	51.31 4.78 -0.14	58.56 5.32 -0.50	48.03 3.96 -0.58	43.21 3.55 -0.67	39.28 2.89 -0.76	36.22 2.82 -0.92	34.70 2.73 -0.96	34.46 2.74 -0.97	34.55 2.74 -0.98	35.65 2.72 -0.94	38.14 3.02 -0.85	44.52 3.77 -0.62	51.14 4.62 -0.27	61.77 5.52 0.00	62.32 5.15 -1.14	52.74 4.39 -0.16	45.77 3.75 -0.35	41.80 3.01 -0.16
HOLTSVILLE_IC_10 23699	35.93 3.25 -1.37	36.41 2.92 -2.71	34.42 3.04 0.00	33.75 2.95 -0.07	35.49 2.95 -0.15	39.87 3.59 0.00	51.50 4.97 -0.15	58.83 5.59 -0.51	48.25 4.18 -0.58	43.38 3.71 -0.68	39.43 3.03 -0.77	36.36 2.96 -0.93	34.83 2.85 -0.97	34.59 2.86 -0.98	34.69 2.87 -0.99	35.82 2.88 -0.95	38.32 3.19 -0.86	44.77 4.01 -0.62	51.38 4.85 -0.27	62.11 5.85 0.00	62.62 5.43 -1.15	53.03 4.67 -0.16	45.99 3.96 -0.35	41.99 3.20 -0.16
HOLTSVILLE_IC_2 23691	35.80 3.13 -1.37	36.28 2.80 -2.71	34.30 2.92 0.00	33.63 2.83 -0.07	35.36 2.82 -0.15	39.68 3.41 0.00	51.31 4.78 -0.14	58.56 5.32 -0.50	48.03 3.96 -0.58	43.21 3.55 -0.67	39.28 2.89 -0.76	36.22 2.82 -0.92	34.70 2.73 -0.96	34.46 2.74 -0.97	34.55 2.74 -0.98	35.65 2.72 -0.94	38.14 3.02 -0.85	44.52 3.77 -0.62	51.14 4.62 -0.27	61.77 5.52 0.00	62.32 5.15 -1.14	52.74 4.39 -0.16	45.77 3.75 -0.35	41.80 3.01 -0.16
HOLTSVILLE_IC_3 23692	35.80 3.13 -1.37	36.28 2.80 -2.71	34.30 2.92 0.00	33.63 2.83 -0.07	35.36 2.82 -0.15	39.68 3.41 0.00	51.31 4.78 -0.14	58.56 5.32 -0.50	48.03 3.96 -0.58	43.21 3.55 -0.67	39.28 2.89 -0.76	36.22 2.82 -0.92	34.70 2.73 -0.96	34.46 2.74 -0.97	34.55 2.74 -0.98	35.65 2.72 -0.94	38.14 3.02 -0.85	44.52 3.77 -0.62	51.14 4.62 -0.27	61.77 5.52 0.00	62.32 5.15 -1.14	52.74 4.39 -0.16	45.77 3.75 -0.35	41.80 3.01 -0.16
HOLTSVILLE_IC_4 23693	35.80 3.13 -1.37	36.28 2.80 -2.71	34.30 2.92 0.00	33.63 2.83 -0.07	35.36 2.82 -0.15	39.68 3.41 0.00	51.31 4.78 -0.14	58.56 5.32 -0.50	48.03 3.96 -0.58	43.21 3.55 -0.67	39.28 2.89 -0.76	36.22 2.82 -0.92	34.70 2.73 -0.96	34.46 2.74 -0.97	34.55 2.74 -0.98	35.65 2.72 -0.94	38.14 3.02 -0.85	44.52 3.77 -0.62	51.14 4.62 -0.27	61.77 5.52 0.00	62.32 5.15 -1.14	52.74 4.39 -0.16	45.77 3.75 -0.35	41.80 3.01 -0.16
HOLTSVILLE_IC_5 23694	35.80 3.13 -1.37	36.28 2.80 -2.71	34.30 2.92 0.00	33.63 2.83 -0.07	35.36 2.82 -0.15	39.68 3.41 0.00	51.31 4.78 -0.14	58.56 5.32 -0.50	48.03 3.96 -0.58	43.21 3.55 -0.67	39.28 2.89 -0.76	36.22 2.82 -0.92	34.70 2.73 -0.96	34.46 2.74 -0.97	34.55 2.74 -0.98	35.65 2.72 -0.94	38.14 3.02 -0.85	44.52 3.77 -0.62	51.14 4.62 -0.27	61.77 5.52 0.00	62.32 5.15 -1.14	52.74 4.39 -0.16	45.77 3.75 -0.35	41.80 3.01 -0.16
HOLTSVILLE_IC_6 23695	35.93 3.25 -1.37	36.41 2.92 -2.71	34.42 3.04 0.00	33.75 2.95 -0.07	35.49 2.95 -0.15	39.87 3.59 0.00	51.50 4.97 -0.15	58.83 5.59 -0.51	48.25 4.18 -0.58	43.38 3.71 -0.68	39.43 3.03 -0.77	36.36 2.96 -0.93	34.83 2.85 -0.97	34.59 2.86 -0.98	34.69 2.87 -0.99	35.82 2.88 -0.95	38.32 3.19 -0.86	44.77 4.01 -0.62	51.38 4.85 -0.27	62.11 5.85 0.00	62.62 5.43 -1.15	53.03 4.67 -0.16	45.99 3.96 -0.35	41.99 3.20 -0.16
HOLTSVILLE_IC_7 23696	35.93 3.25 -1.37	36.41 2.92 -2.71	34.42 3.04 0.00	33.75 2.95 -0.07	35.49 2.95 -0.15	39.87 3.59 0.00	51.50 4.97 -0.15	58.83 5.59 -0.51	48.25 4.18 -0.58	43.38 3.71 -0.68	39.43 3.03 -0.77	36.36 2.96 -0.93	34.83 2.85 -0.97	34.59 2.86 -0.98	34.69 2.87 -0.99	35.82 2.88 -0.95	38.32 3.19 -0.86	44.77 4.01 -0.62	51.38 4.85 -0.27	62.11 5.85 0.00	62.62 5.43 -1.15	53.03 4.67 -0.16	45.99 3.96 -0.35	41.99 3.20 -0.16
HOLTSVILLE_IC_8 23697	35.93 3.25 -1.37	36.41 2.92 -2.71	34.42 3.04 0.00	33.75 2.95 -0.07	35.49 2.95 -0.15	39.87 3.59 0.00	51.50 4.97 -0.15	58.83 5.59 -0.51	48.25 4.18 -0.58	43.38 3.71 -0.68	39.43 3.03 -0.77	36.36 2.96 -0.93	34.83 2.85 -0.97	34.59 2.86 -0.98	34.69 2.87 -0.99	35.82 2.88 -0.95	38.32 3.19 -0.86	44.77 4.01 -0.62	51.38 4.85 -0.27	62.11 5.85 0.00	62.62 5.43 -1.15	53.03 4.67 -0.16	45.99 3.96 -0.35	41.99 3.20 -0.16
HOLTSVILLE_IC_9 23698	35.93 3.25 -1.37	36.41 2.92 -2.71	34.42 3.04 0.00	33.75 2.95 -0.07	35.49 2.95 -0.15	39.87 3.59 0.00	51.50 4.97 -0.15	58.83 5.59 -0.51	48.25 4.18 -0.58	43.38 3.71 -0.68	39.43 3.03 -0.77	36.36 2.96 -0.93	34.83 2.85 -0.97	34.59 2.86 -0.98	34.69 2.87 -0.99	35.82 2.88 -0.95	38.32 3.19 -0.86	44.77 4.01 -0.62	51.38 4.85 -0.27	62.11 5.85 0.00	62.62 5.43 -1.15	53.03 4.67 -0.16	45.99 3.96 -0.35	41.99 3.20 -0.16
HOMER_HL_115KV_TB2 355744	28.19 -3.35 -0.24	27.90 -3.39 -0.52	29.25 -2.13 0.00	28.65 -2.09 -0.01	29.34 -3.08 -0.03	34.06 -2.21 0.00	43.65 -2.74 0.00	49.94 -2.80 0.00	42.27 -1.22 0.00	37.90 -1.09 0.00	34.67 -0.96 0.00	31.28 -1.20 0.00	29.62 -1.40 0.00	29.15 -1.60 0.00	29.17 -1.67 0.00	30.42 -1.57 0.00	32.73 -1.54 0.00	38.45 -1.69 0.00	44.21 -2.03 0.00	54.17 -2.08 0.00	54.24 -1.79 0.00	47.18 -1.01 0.00	40.51 -1.17 0.00	38.43 -0.19 0.00
HOWARD_WT_PWR 323690	28.50 -3.07 -0.27	28.24 -3.11 -0.57	28.68 -2.70 0.00	28.10 -2.64 -0.02	29.51 -2.92 -0.03	33.44 -2.83 0.00	43.05 -3.34 0.00	49.04 -3.69 0.00	41.23 -2.26 0.00	36.81 -2.18 0.00	33.67 -1.96 0.00	30.33 -2.14 0.00	28.84 -2.17 0.00	28.47 -2.28 0.00	28.43 -2.41 0.00	29.59 -2.40 0.00	31.70 -2.57 0.00	37.12 -3.01 0.00	42.92 -3.33 0.00	52.99 -3.26 0.00	53.57 -2.46 0.00	46.51 -1.69 0.00	40.05 -1.63 0.00	38.31 -0.31 0.00

HQ_GEN_CEDARS 23644	32.51 -0.66 -1.87	32.00 -0.62 -1.84	32.59 -0.66 -1.87	31.95 -0.61 -1.84	33.63 -0.68 -1.92	37.65 -0.73 -2.10	47.49 -1.44 -2.54	45.31 -1.53 5.90	44.91 -1.00 -2.42	40.28 -0.94 -2.22	36.85 -0.86 -2.07	33.58 -0.81 -1.91	32.12 -0.74 -1.85	31.91 -0.68 -1.84	32.10 -0.59 -1.85	33.22 -0.67 -1.90	35.53 -0.75 -2.01	41.48 -0.92 -2.27	45.31 -1.29 -0.36	57.56 -1.69 -2.99	57.45 -1.57 -2.98	49.53 -1.30 -2.63	43.06 -0.63 -2.01	39.98 -0.50 -1.86
HQ_GEN_CEDARS_PROXY 323590	32.51 -0.66 -1.87	32.00 -0.62 -1.84	32.59 -0.66 -1.87	31.89 -0.68 -1.84	33.60 -0.71 -1.92	37.65 -0.73 -2.10	47.49 -1.44 -2.54	45.31 -1.53 5.90	44.91 -1.00 -2.42	40.32 -0.90 -2.22	36.85 -0.86 -2.07	33.58 -0.81 -1.91	32.12 -0.74 -1.85	31.91 -0.68 -1.84	32.09 -0.59 -1.85	33.22 -0.67 -1.90	35.53 -0.75 -2.01	41.52 -0.88 -2.27	45.31 -1.29 -0.36	57.61 -1.63 -2.99	57.45 -1.57 -2.98	49.53 -1.30 -2.63	43.06 -0.62 -2.01	39.98 -0.50 -1.86
HQ_GEN_IMPORT 323601	30.79 -0.50 0.00	30.28 -0.49 0.00	30.88 -0.50 0.00	30.21 -0.52 0.00	31.87 -0.52 0.00	35.69 -0.58 0.00	45.50 -0.88 0.00	49.05 -1.00 2.68	42.71 -0.78 0.00	38.30 -0.70 0.00	34.96 -0.68 0.00	31.86 -0.62 0.00	30.42 -0.59 0.00	30.20 -0.55 0.00	30.31 -0.52 0.00	31.42 -0.57 0.00	33.66 -0.62 0.00	39.41 -0.72 0.00	44.70 -0.88 0.67	55.18 -1.07 0.00	54.97 -1.07 0.00	47.33 -0.87 0.00	41.05 -0.62 0.00	38.08 -0.54 0.00
HQ_GEN_WHEEL 23651	30.79 -0.50 0.00	30.28 -0.49 0.00	30.88 -0.50 0.00	30.21 -0.52 0.00	31.87 -0.52 0.00	35.69 -0.58 0.00	45.50 -0.88 0.00	49.05 -1.00 2.68	42.71 -0.78 0.00	38.30 -0.70 0.00	34.96 -0.68 0.00	31.86 -0.62 0.00	30.42 -0.59 0.00	30.20 -0.55 0.00	30.31 -0.52 0.00	31.42 -0.57 0.00	33.66 -0.62 0.00	39.41 -0.72 0.00	44.70 -0.88 0.67	55.18 -1.07 0.00	54.97 -1.07 0.00	47.33 -0.87 0.00	41.05 -0.62 0.00	38.08 -0.54 0.00
HUDSON AVE_GT_3 23810	37.08 2.88 -2.90	36.25 2.77 -2.71	34.20 2.82 0.00	33.57 2.77 -0.07	35.43 2.88 -0.15	39.50 3.23 0.00	53.79 4.41 -3.00	67.82 5.12 -9.97	58.99 4.04 -11.46	55.86 3.63 -13.23	53.86 3.24 -14.98	53.51 2.96 -18.08	52.72 2.85 -18.86	52.75 2.83 -19.18	52.94 2.87 -19.24	53.51 2.94 -18.57	54.43 3.29 -16.87	55.94 3.93 -11.87	55.83 4.49 -5.10	61.60 5.34 0.00	83.64 5.21 -22.40	55.88 4.39 -3.30	52.12 3.79 -6.66	45.25 3.28 -3.35
HUDSON AVE_GT_4 23540	37.08 2.88 -2.90	36.25 2.77 -2.71	34.20 2.82 0.00	33.57 2.77 -0.07	35.43 2.88 -0.15	39.50 3.23 0.00	53.79 4.41 -3.00	67.82 5.12 -9.97	58.99 4.04 -11.46	55.86 3.63 -13.23	53.86 3.24 -14.98	53.51 2.96 -18.08	52.72 2.85 -18.86	52.75 2.83 -19.18	52.94 2.87 -19.24	53.51 2.94 -18.57	54.43 3.29 -16.87	55.94 3.93 -11.87	55.83 4.49 -5.10	61.60 5.34 0.00	83.64 5.21 -22.40	55.88 4.39 -3.30	52.12 3.79 -6.66	45.25 3.28 -3.35
HUDSON AVE_GT_5 23657	37.08 2.88 -2.90	36.25 2.77 -2.71	34.20 2.82 0.00	33.57 2.77 -0.07	35.43 2.88 -0.15	39.50 3.23 0.00	53.79 4.41 -3.00	67.82 5.12 -9.97	58.99 4.04 -11.46	55.86 3.63 -13.23	53.86 3.24 -14.98	53.51 2.96 -18.08	52.72 2.85 -18.86	52.75 2.83 -19.18	52.94 2.87 -19.24	53.51 2.94 -18.57	54.43 3.29 -16.87	55.94 3.93 -11.87	55.83 4.49 -5.10	61.60 5.34 0.00	83.64 5.21 -22.40	55.88 4.39 -3.30	52.12 3.79 -6.66	45.25 3.28 -3.35
HUDSON_AVE_10 24168	37.14 2.94 -2.90	36.22 2.74 -2.71	34.17 2.79 0.00	33.54 2.73 -0.07	35.39 2.85 -0.15	39.50 3.23 0.00	53.84 4.45 -3.00	67.87 5.17 -9.97	59.04 4.09 -11.46	55.89 3.67 -13.23	53.86 3.24 -14.98	53.54 2.99 -18.08	52.72 2.85 -18.86	52.75 2.83 -19.18	52.94 2.87 -19.24	53.51 2.94 -18.57	54.47 3.32 -16.87	55.98 3.97 -11.87	55.92 4.58 -5.10	61.71 5.46 0.00	83.76 5.32 -22.40	55.98 4.48 -3.30	52.17 3.83 -6.66	45.29 3.32 -3.35
HUDSON___115KV_TB 4 355613	33.95 1.13 -1.52	35.16 1.17 -3.22	32.85 1.47 0.00	32.29 1.47 -0.09	34.13 1.55 -0.18	37.98 1.70 0.00	48.62 2.23 0.00	54.63 1.90 0.00	44.84 1.35 0.00	40.75 1.75 0.00	37.09 1.46 0.00	33.75 1.27 0.00	32.25 1.24 0.00	32.04 1.29 0.00	32.07 1.23 0.00	33.37 1.38 0.00	35.99 1.71 0.00	42.38 2.25 0.00	49.16 2.91 0.00	58.90 2.64 0.00	58.61 2.58 0.00	50.27 2.07 0.00	43.46 1.79 0.00	40.24 1.62 0.00
HUNTER MOUNT___DRP 323613	33.72 0.94 -1.49	34.90 0.98 -3.14	32.92 1.54 0.00	32.35 1.54 -0.08	34.19 1.62 -0.18	38.05 1.78 0.00	48.76 2.37 0.00	54.79 2.06 0.00	44.93 1.44 0.00	40.56 1.56 0.00	36.95 1.32 0.00	33.62 1.14 0.00	32.16 1.15 0.00	31.95 1.20 0.00	31.97 1.14 0.00	33.27 1.28 0.00	35.85 1.58 0.00	42.18 2.05 0.00	48.98 2.73 0.00	59.01 2.76 0.00	58.72 2.69 0.00	50.36 2.17 0.00	43.55 1.88 0.00	40.40 1.78 0.00
HUNTINGTON_RES_REC 323705	35.87 3.19 -1.38	36.38 2.89 -2.71	34.36 2.98 0.00	33.69 2.89 -0.07	35.46 2.92 -0.15	39.79 3.52 0.00	51.13 4.59 -0.15	58.47 5.22 -0.51	48.00 3.92 -0.59	43.42 3.74 -0.68	39.61 3.21 -0.77	36.43 3.02 -0.93	34.90 2.91 -0.97	34.66 2.92 -0.99	34.76 2.93 -0.99	35.93 2.98 -0.96	38.47 3.32 -0.87	44.65 3.89 -0.63	51.10 4.58 -0.27	61.66 5.40 0.00	62.29 5.10 -1.16	52.74 4.39 -0.16	45.82 3.79 -0.36	42.15 3.36 -0.17
HUNTLEY___63 23557	28.24 -3.25 -0.20	28.06 -3.14 -0.43	28.37 -3.01 0.00	27.73 -3.01 -0.01	29.11 -3.30 -0.02	32.94 -3.34 0.00	42.03 -4.36 0.00	47.83 -4.90 0.00	40.84 -2.65 0.00	36.93 -2.07 0.00	34.07 -1.57 0.00	30.76 -1.72 0.00	29.15 -1.86 0.00	28.69 -2.06 0.00	28.71 -2.13 0.00	29.91 -2.08 0.00	31.94 -2.33 0.00	37.32 -2.81 0.00	42.78 -3.47 0.00	52.37 -3.88 0.00	52.50 -3.53 0.00	46.03 -2.17 0.00	39.55 -2.13 0.00	37.39 -1.24 0.00
HUNTLEY___64 23558	28.24 -3.25 -0.20	28.06 -3.14 -0.43	28.37 -3.01 0.00	27.73 -3.01 -0.01	29.11 -3.30 -0.02	32.94 -3.34 0.00	42.03 -4.36 0.00	47.83 -4.90 0.00	40.84 -2.65 0.00	36.93 -2.07 0.00	34.07 -1.57 0.00	30.76 -1.72 0.00	29.15 -1.86 0.00	28.69 -2.06 0.00	28.71 -2.13 0.00	29.91 -2.08 0.00	31.94 -2.33 0.00	37.32 -2.81 0.00	42.78 -3.47 0.00	52.37 -3.88 0.00	52.50 -3.53 0.00	46.03 -2.17 0.00	39.55 -2.13 0.00	37.39 -1.24 0.00
HUNTLEY___65 23559	28.24 -3.25 -0.20	28.06 -3.14 -0.43	28.37 -3.01 0.00	27.73 -3.01 -0.01	29.11 -3.30 -0.02	32.94 -3.34 0.00	42.03 -4.36 0.00	47.83 -4.90 0.00	40.84 -2.65 0.00	36.93 -2.07 0.00	34.07 -1.57 0.00	30.76 -1.72 0.00	29.15 -1.86 0.00	28.69 -2.06 0.00	28.71 -2.13 0.00	29.91 -2.08 0.00	31.94 -2.33 0.00	37.32 -2.81 0.00	42.78 -3.47 0.00	52.37 -3.88 0.00	52.50 -3.53 0.00	46.03 -2.17 0.00	39.55 -2.13 0.00	37.39 -1.24 0.00
HUNTLEY___66 23560	28.24 -3.25 -0.20	28.06 -3.14 -0.43	28.37 -3.01 0.00	27.73 -3.01 -0.01	29.11 -3.30 -0.02	32.94 -3.34 0.00	42.03 -4.36 0.00	47.83 -4.90 0.00	40.84 -2.65 0.00	36.93 -2.07 0.00	34.07 -1.57 0.00	30.76 -1.72 0.00	29.15 -1.86 0.00	28.69 -2.06 0.00	28.71 -2.13 0.00	29.91 -2.08 0.00	31.94 -2.33 0.00	37.32 -2.81 0.00	42.78 -3.47 0.00	52.37 -3.88 0.00	52.50 -3.53 0.00	46.03 -2.17 0.00	39.55 -2.13 0.00	37.39 -1.24 0.00

HUNTLEY___67 23561	28.15 -3.35 -0.21	27.95 -3.26 -0.44	28.27 -3.11 0.00	27.64 -3.10 -0.01	29.05 -3.37 -0.02	32.83 -3.45 0.00	41.84 -4.55 0.00	47.67 -5.06 0.00	40.62 -2.87 0.00	36.66 -2.34 0.00	33.82 -1.82 0.00	30.53 -1.95 0.00	28.97 -2.05 0.00	28.50 -2.24 0.00	28.52 -2.31 0.00	29.75 -2.24 0.00	31.77 -2.50 0.00	37.12 -3.01 0.00	42.55 -3.70 0.00	52.09 -4.16 0.00	52.17 -3.87 0.00	45.79 -2.41 0.00	39.30 -2.38 0.00	37.23 -1.39 0.00
HUNTLEY___68 23562	28.15 -3.35 -0.21	27.95 -3.26 -0.44	28.27 -3.11 0.00	27.64 -3.10 -0.01	29.05 -3.37 -0.02	32.83 -3.45 0.00	41.84 -4.55 0.00	47.67 -5.06 0.00	40.62 -2.87 0.00	36.66 -2.34 0.00	33.82 -1.82 0.00	30.53 -1.95 0.00	28.97 -2.05 0.00	28.50 -2.24 0.00	28.52 -2.31 0.00	29.75 -2.24 0.00	31.77 -2.50 0.00	37.12 -3.01 0.00	42.55 -3.70 0.00	52.09 -4.16 0.00	52.17 -3.87 0.00	45.79 -2.41 0.00	39.30 -2.38 0.00	37.23 -1.39 0.00
HYLAND___LFG 323620	30.55 -0.97 -0.22	30.32 -0.92 -0.47	30.56 -0.82 0.00	29.97 -0.77 -0.01	31.48 -0.94 -0.03	35.66 -0.62 0.00	45.84 -0.55 0.00	52.16 -0.58 0.00	43.23 -0.26 0.00	38.49 -0.51 0.00	35.03 -0.61 0.00	31.57 -0.91 0.00	29.84 -1.18 0.00	29.46 -1.29 0.00	29.57 -1.27 0.00	30.87 -1.12 0.00	33.11 -1.17 0.00	39.09 -1.04 0.00	45.28 -0.97 0.00	56.70 0.45 0.00	57.26 1.23 0.00	49.21 1.01 0.00	42.21 0.54 0.00	39.62 1.00 0.00
INDECK___CORINTH 23802	35.16 2.25 -1.61	36.39 2.22 -3.40	33.67 2.29 0.00	33.09 2.27 -0.09	35.08 2.49 -0.19	39.21 2.94 0.00	50.38 3.99 0.00	57.17 4.43 0.00	47.01 3.52 0.00	42.04 3.04 0.00	38.31 2.67 0.00	34.92 2.44 0.00	33.34 2.33 0.00	33.18 2.43 0.00	33.02 2.19 0.00	34.39 2.40 0.00	36.98 2.71 0.00	43.54 3.41 0.00	49.58 3.33 0.00	60.31 4.05 0.00	60.01 3.98 0.00	51.33 3.13 0.00	44.30 2.63 0.00	40.94 2.32 0.00
INDECK___ILION 23567	29.57 -1.72 0.00	29.11 -1.66 0.00	29.72 -1.66 0.00	29.07 -1.66 0.00	30.71 -1.68 0.00	34.53 -1.74 0.00	44.26 -2.13 0.00	51.05 -2.37 -0.68	41.27 -2.22 0.00	36.93 -2.07 0.00	33.71 -1.92 0.00	30.79 -1.69 0.00	29.34 -1.67 0.00	29.09 -1.66 0.00	29.20 -1.63 0.00	30.30 -1.70 0.00	32.46 -1.82 0.00	37.93 -2.21 0.00	44.11 -2.31 -0.17	53.61 -2.64 0.00	53.51 -2.52 0.00	45.93 -2.27 0.00	39.63 -2.04 0.00	36.61 -2.01 0.00
INDECK___OLEAN 23982	28.19 -3.35 -0.24	27.90 -3.39 -0.52	29.28 -2.10 0.00	28.74 -2.00 -0.01	29.77 -2.66 -0.03	34.06 -2.21 0.00	43.65 -2.74 0.00	49.89 -2.85 0.00	42.19 -1.30 0.00	37.59 -1.40 0.00	34.67 -0.96 0.00	31.28 -1.20 0.00	29.59 -1.43 0.00	29.15 -1.60 0.00	29.17 -1.67 0.00	30.42 -1.57 0.00	32.66 -1.61 0.00	37.97 -2.17 0.00	43.75 -2.50 0.00	53.84 -2.42 0.00	54.24 -1.80 0.00	47.04 -1.16 0.00	40.55 -1.12 0.00	38.43 -0.19 0.00
INDECK___OSWEGO 23783	30.74 -0.66 -0.10	30.30 -0.68 -0.21	30.69 -0.69 0.00	30.06 -0.68 -0.01	31.69 -0.71 -0.01	35.51 -0.76 0.00	45.37 -1.02 0.00	51.58 -1.16 0.00	42.62 -0.87 0.00	38.18 -0.82 0.00	34.92 -0.71 0.00	31.86 -0.62 0.00	30.36 -0.65 0.00	30.10 -0.65 0.00	30.16 -0.68 0.00	31.29 -0.70 0.00	33.49 -0.79 0.00	39.17 -0.96 0.00	45.14 -1.11 0.00	55.07 -1.18 0.00	54.91 -1.12 0.00	47.23 -0.96 0.00	40.72 -0.96 0.00	37.77 -0.85 0.00
INDECK___YERKES 23781	28.28 -3.22 -0.20	28.09 -3.11 -0.43	28.40 -2.98 0.00	27.88 -2.86 -0.01	29.24 -3.17 -0.02	32.97 -3.30 0.00	42.08 -4.31 0.00	47.78 -4.96 0.00	40.88 -2.61 0.00	36.73 -2.26 0.00	34.07 -1.57 0.00	30.79 -1.69 0.00	29.18 -1.83 0.00	28.72 -2.03 0.00	28.74 -2.10 0.00	29.94 -2.05 0.00	31.94 -2.33 0.00	37.08 -3.05 0.00	42.41 -3.84 0.00	52.26 -3.99 0.00	52.56 -3.47 0.00	45.93 -2.26 0.00	39.63 -2.04 0.00	37.46 -1.16 0.00
INDIAN POINT_GT_1 24139	35.00 2.38 -1.33	35.78 2.31 -2.70	33.73 2.35 0.00	33.10 2.30 -0.07	34.94 2.40 -0.15	38.96 2.68 0.00	50.15 3.66 -0.09	57.31 4.27 -0.30	47.19 3.35 -0.35	42.40 3.00 -0.40	38.76 2.67 -0.46	35.47 2.44 -0.55	33.95 2.36 -0.57	33.67 2.34 -0.58	33.79 2.37 -0.59	34.99 2.43 -0.57	37.53 2.74 -0.51	43.79 3.29 -0.36	50.15 3.75 -0.16	60.70 4.44 0.00	61.08 4.37 -0.68	51.91 3.61 -0.10	45.00 3.13 -0.20	41.39 2.66 -0.10
INDIAN POINT_GT_2 23659	35.00 2.38 -1.33	35.78 2.31 -2.70	33.73 2.35 0.00	33.10 2.30 -0.07	34.94 2.40 -0.15	38.96 2.68 0.00	50.15 3.66 -0.09	57.31 4.27 -0.30	47.19 3.35 -0.35	42.40 3.00 -0.40	38.76 2.67 -0.46	35.47 2.44 -0.55	33.95 2.36 -0.57	33.67 2.34 -0.58	33.79 2.37 -0.59	34.99 2.43 -0.57	37.53 2.74 -0.51	43.79 3.29 -0.36	50.15 3.75 -0.16	60.70 4.44 0.00	61.08 4.37 -0.68	51.91 3.61 -0.10	45.00 3.13 -0.20	41.39 2.66 -0.10
INDIAN POINT_GT_3 24019	35.00 2.38 -1.33	35.78 2.31 -2.70	33.73 2.35 0.00	33.10 2.30 -0.07	34.94 2.40 -0.15	38.96 2.68 0.00	50.15 3.66 -0.09	57.31 4.27 -0.30	47.19 3.35 -0.35	42.40 3.00 -0.40	38.76 2.67 -0.46	35.47 2.44 -0.55	33.95 2.36 -0.57	33.67 2.34 -0.58	33.79 2.37 -0.59	34.99 2.43 -0.57	37.53 2.74 -0.51	43.79 3.29 -0.36	50.15 3.75 -0.16	60.70 4.44 0.00	61.08 4.37 -0.68	51.91 3.61 -0.10	45.00 3.13 -0.20	41.39 2.66 -0.10
INDIAN POINT___2 23530	35.19 2.53 -1.36	35.95 2.46 -2.71	33.86 2.48 0.00	33.26 2.46 -0.07	35.10 2.56 -0.15	39.14 2.86 0.00	50.37 3.85 -0.14	57.73 4.54 -0.45	47.53 3.52 -0.52	42.80 3.20 -0.60	39.13 2.81 -0.68	35.90 2.60 -0.82	34.39 2.51 -0.86	34.08 2.46 -0.87	34.21 2.50 -0.88	35.40 2.56 -0.85	37.92 2.88 -0.77	44.08 3.41 -0.54	50.46 3.98 -0.23	60.98 4.73 0.00	61.59 4.54 -1.02	52.20 3.86 -0.15	45.23 3.25 -0.30	41.59 2.82 -0.15
INDIAN POINT___3 23531	34.85 2.25 -1.30	35.62 2.18 -2.67	33.61 2.23 0.00	32.98 2.18 -0.07	34.81 2.27 -0.15	38.81 2.54 0.00	49.95 3.48 -0.08	57.06 4.06 -0.27	46.97 3.17 -0.31	42.20 2.85 -0.35	38.53 2.49 -0.40	35.27 2.31 -0.48	33.72 2.20 -0.50	33.44 2.18 -0.51	33.57 2.22 -0.51	34.76 2.27 -0.50	37.33 2.60 -0.45	43.58 3.13 -0.32	49.95 3.56 -0.14	60.47 4.22 0.00	60.72 4.09 -0.60	51.66 3.37 -0.09	44.77 2.92 -0.18	41.18 2.47 -0.09
INGHAM_C_115KV_TB7 356103	29.39 -1.91 0.00	28.93 -1.85 0.00	29.53 -1.85 0.00	28.91 -1.81 0.00	30.55 -1.85 0.00	34.31 -1.96 0.00	43.93 -2.46 0.00	50.68 -2.74 -0.68	40.92 -2.57 0.00	36.66 -2.34 0.00	33.42 -2.21 0.00	30.56 -1.92 0.00	29.12 -1.89 0.00	28.87 -1.88 0.00	28.95 -1.88 0.00	30.04 -1.95 0.00	32.18 -2.09 0.00	37.65 -2.49 0.00	43.78 -2.64 -0.17	53.16 -3.09 0.00	53.06 -2.97 0.00	45.59 -2.60 0.00	39.34 -2.33 0.00	36.38 -2.24 0.00
IP CORINTH___1 23988	35.16 2.25 -1.61	36.39 2.22 -3.40	33.67 2.29 0.00	33.09 2.27 -0.09	35.08 2.49 -0.19	39.21 2.94 0.00	50.38 3.99 0.00	57.17 4.43 0.00	47.01 3.52 0.00	42.04 3.04 0.00	38.31 2.67 0.00	34.92 2.44 0.00	33.34 2.33 0.00	33.18 2.43 0.00	33.02 2.19 0.00	34.39 2.40 0.00	36.98 2.71 0.00	43.47 3.33 0.00	49.53 3.28 0.00	60.31 4.05 0.00	60.07 4.03 0.00	51.33 3.13 0.00	44.30 2.63 0.00	40.94 2.32 0.00

IP__TICONDEROGA 23804	35.94 3.04 -1.61	37.15 2.98 -3.40	34.46 3.08 0.00	33.86 3.04 -0.09	35.98 3.40 -0.19	40.34 4.06 0.00	51.86 5.47 0.00	59.33 6.59 0.00	48.71 5.22 0.00	43.40 4.41 0.00	39.48 3.85 0.00	35.99 3.51 0.00	34.08 3.07 0.00	34.01 3.26 0.00	33.73 2.90 0.00	35.19 3.20 0.00	37.87 3.60 0.00	44.55 4.41 0.00	51.01 4.76 0.00	62.27 6.02 0.00	62.08 6.05 0.00	52.82 4.63 0.00	45.55 3.88 0.00	42.10 3.48 0.00
ISLIP_RES_REC 323679	36.05 3.38 -1.38	36.50 3.02 -2.71	34.52 3.14 0.00	33.84 3.04 -0.07	35.59 3.04 -0.15	39.97 3.70 0.00	51.69 5.15 -0.15	59.10 5.85 -0.51	48.43 4.35 -0.59	43.54 3.86 -0.68	39.58 3.17 -0.77	36.50 3.09 -0.93	34.97 2.98 -0.97	34.72 2.98 -0.99	34.82 2.99 -0.99	35.93 2.98 -0.96	38.47 3.32 -0.87	44.93 4.17 -0.63	51.61 5.09 -0.27	62.39 6.13 0.00	62.91 5.72 -1.16	53.28 4.92 -0.16	46.19 4.17 -0.36	42.15 3.36 -0.17
JAMAICA__27_KV_LOAD 355505	37.42 3.22 -2.90	36.32 2.83 -2.71	34.27 2.89 0.00	33.63 2.83 -0.07	35.46 2.92 -0.15	39.61 3.34 0.00	54.21 4.82 -3.00	68.30 5.59 -9.97	59.38 4.44 -11.46	56.21 3.98 -13.23	54.11 3.49 -14.98	53.77 3.22 -18.08	52.94 3.07 -18.86	52.97 3.04 -19.18	53.15 3.08 -19.24	53.73 3.17 -18.57	54.71 3.56 -16.87	56.34 4.33 -11.87	56.34 4.99 -5.10	62.27 6.02 0.00	84.32 5.88 -22.40	56.41 4.92 -3.30	52.54 4.21 -6.66	45.64 3.67 -3.35
JANIS__SOLAR 323808	32.42 0.78 -0.35	32.30 0.80 -0.73	32.35 0.97 0.00	31.64 0.89 -0.02	33.37 0.94 -0.04	37.73 1.45 0.00	48.57 2.18 0.00	61.17 8.44 0.00	49.62 6.13 0.00	43.32 4.33 0.00	39.09 3.46 0.00	35.37 2.89 0.00	33.37 2.36 0.00	32.96 2.22 0.00	33.42 2.59 0.00	35.00 3.01 0.00	38.11 3.84 0.00	41.58 1.44 0.00	48.19 1.94 0.00	59.12 2.87 0.00	59.06 3.02 0.00	50.70 2.50 0.00	43.50 1.83 0.00	40.48 1.85 0.00
JARVIS____ 23743	31.52 0.22 0.00	30.99 0.22 0.00	31.60 0.22 0.00	30.94 0.22 0.00	32.62 0.23 0.00	36.53 0.26 0.00	46.76 0.37 0.00	53.89 0.47 -0.68	43.80 0.31 0.00	39.27 0.27 0.00	35.88 0.25 0.00	32.71 0.23 0.00	31.23 0.22 0.00	30.97 0.22 0.00	31.05 0.22 0.00	32.22 0.23 0.00	34.54 0.27 0.00	40.45 0.32 0.00	46.83 0.42 -0.17	56.70 0.45 0.00	56.48 0.45 0.00	48.58 0.38 0.00	41.97 0.29 0.00	38.86 0.23 0.00
JENNISON__1 23625	32.81 1.06 -0.45	32.79 1.08 -0.94	32.64 1.26 0.00	31.92 1.17 -0.03	33.64 1.20 -0.05	38.05 1.78 0.00	48.94 2.55 0.00	57.27 4.54 0.00	47.01 3.52 0.00	41.77 2.77 0.00	38.02 2.39 0.00	34.56 2.08 0.00	32.78 1.77 0.00	32.41 1.66 0.00	32.62 1.79 0.00	33.97 1.98 0.00	36.60 2.33 0.00	42.14 2.01 0.00	48.79 2.54 0.00	59.57 3.32 0.00	59.45 3.42 0.00	51.09 2.89 0.00	43.88 2.21 0.00	40.79 2.16 0.00
JENNISON__2 23626	32.81 1.06 -0.45	32.79 1.08 -0.94	32.64 1.26 0.00	31.92 1.17 -0.03	33.64 1.20 -0.05	38.05 1.78 0.00	48.94 2.55 0.00	57.27 4.54 0.00	47.01 3.52 0.00	41.77 2.77 0.00	38.02 2.39 0.00	34.56 2.08 0.00	32.78 1.77 0.00	32.41 1.66 0.00	32.62 1.79 0.00	33.97 1.98 0.00	36.60 2.33 0.00	42.14 2.01 0.00	48.79 2.54 0.00	59.57 3.32 0.00	59.45 3.42 0.00	51.09 2.89 0.00	43.88 2.21 0.00	40.79 2.16 0.00
JERICHO_RISE_WT_PWR 323719	-9.78 -1.69 39.38	-9.74 -1.66 38.85	-9.78 -1.73 39.44	-9.73 -1.72 38.74	-9.82 -1.78 40.43	-10.00 -1.96 44.31	-10.00 -2.69 53.70	-10.00 -3.00 59.73	-10.00 -2.48 51.01	-10.00 -2.18 46.81	-10.00 -2.03 43.60	-9.88 -1.92 40.45	-9.78 -1.80 38.99	-9.77 -1.72 38.79	-9.77 -1.70 38.91	-9.86 -1.79 40.06	-9.95 -1.92 42.30	-10.00 -2.25 47.89	-10.00 -2.68 53.56	-10.00 -3.26 62.99	-10.00 -3.19 62.84	-10.00 -2.75 55.45	-2.74 -2.12 42.29	-2.46 -1.93 39.15
KATONAH__115KV_46KV_TB4 355592	35.03 2.44 -1.29	35.91 2.40 -2.73	33.80 2.42 0.00	33.17 2.37 -0.07	35.01 2.46 -0.15	39.07 2.79 0.00	50.24 3.85 0.00	57.22 4.48 0.00	47.01 3.52 0.00	42.19 3.20 0.00	38.45 2.82 0.00	35.05 2.57 0.00	33.50 2.48 0.00	33.21 2.46 0.00	33.33 2.50 0.00	34.55 2.56 0.00	37.15 2.88 0.00	43.55 3.41 0.00	50.09 3.84 0.00	60.87 4.61 0.00	60.57 4.54 0.00	52.00 3.81 0.00	44.88 3.21 0.00	41.40 2.78 0.00
KCE_NY_1 323755	34.88 1.97 -1.61	36.11 1.94 -3.40	33.39 2.01 0.00	32.82 2.00 -0.09	34.75 2.17 -0.19	38.74 2.47 0.00	49.77 3.38 0.00	56.32 3.59 0.00	46.32 2.83 0.00	41.49 2.50 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.94 1.92 0.00	32.75 2.00 0.00	32.68 1.85 0.00	34.01 2.02 0.00	36.53 2.26 0.00	43.03 2.89 0.00	49.25 3.00 0.00	59.86 3.60 0.00	59.56 3.53 0.00	51.04 2.84 0.00	44.09 2.42 0.00	40.75 2.12 0.00
KCE_NY_6_ESR 323823	28.23 -3.29 -0.22	28.00 -3.23 -0.45	28.56 -2.82 0.00	28.04 -2.70 -0.01	29.31 -3.11 -0.03	33.19 -3.08 0.00	42.40 -3.99 0.00	48.25 -4.48 0.00	41.14 -2.35 0.00	36.93 -2.07 0.00	34.21 -1.43 0.00	30.89 -1.59 0.00	29.28 -1.74 0.00	28.81 -1.94 0.00	28.83 -2.00 0.00	30.07 -1.92 0.00	32.08 -2.19 0.00	37.29 -2.85 0.00	42.73 -3.52 0.00	52.65 -3.60 0.00	53.06 -2.97 0.00	46.27 -1.93 0.00	39.96 -1.71 0.00	37.77 -0.85 0.00
KEDC_PORT_JEFF_GT2 24210	35.96 3.29 -1.37	36.44 2.95 -2.71	34.42 3.04 0.00	33.78 2.98 -0.07	35.52 2.98 -0.15	39.87 3.59 0.00	51.50 4.97 -0.15	58.83 5.59 -0.51	48.25 4.18 -0.58	43.41 3.74 -0.67	39.46 3.06 -0.76	36.36 2.96 -0.92	34.86 2.88 -0.96	34.59 2.86 -0.98	34.71 2.90 -0.98	35.82 2.88 -0.95	38.35 3.22 -0.86	44.77 4.01 -0.62	51.37 4.85 -0.27	61.93 5.68 0.00	62.44 5.27 -1.15	53.03 4.67 -0.16	45.98 3.96 -0.35	42.03 3.24 -0.16
KEDC_PORT_JEFF_GT3 24211	35.96 3.29 -1.37	36.44 2.95 -2.71	34.42 3.04 0.00	33.78 2.98 -0.07	35.52 2.98 -0.15	39.87 3.59 0.00	51.50 4.97 -0.15	58.83 5.59 -0.51	48.25 4.18 -0.58	43.41 3.74 -0.67	39.46 3.06 -0.76	36.36 2.96 -0.92	34.86 2.88 -0.96	34.59 2.86 -0.98	34.71 2.90 -0.98	35.82 2.88 -0.95	38.35 3.22 -0.86	44.77 4.01 -0.62	51.37 4.85 -0.27	61.93 5.68 0.00	62.44 5.27 -1.15	53.03 4.67 -0.16	45.98 3.96 -0.35	42.03 3.24 -0.16
KEDC_GLWD_GT4 24219	35.72 2.97 -1.45	36.26 2.77 -2.71	34.21 2.83 0.00	33.57 2.77 -0.07	35.40 2.85 -0.15	39.57 3.30 0.00	51.21 4.55 -0.27	58.94 5.27 -0.93	48.69 4.13 -1.07	43.98 3.74 -1.24	40.38 3.35 -1.40	37.22 3.05 -1.69	35.70 2.91 -1.77	35.43 2.89 -1.80	35.57 2.93 -1.80	36.74 3.01 -1.74	39.21 3.36 -1.58	45.20 3.94 -1.13	51.28 4.53 -0.49	61.54 5.29 0.00	63.23 5.10 -2.10	52.98 4.48 -0.30	46.10 3.79 -0.64	42.29 3.36 -0.30
KEDC_GLWD_GT5 24220	35.72 2.97 -1.45	36.26 2.77 -2.71	34.21 2.83 0.00	33.57 2.77 -0.07	35.40 2.85 -0.15	39.57 3.30 0.00	51.21 4.55 -0.27	58.94 5.27 -0.93	48.69 4.13 -1.07	43.98 3.74 -1.24	40.38 3.35 -1.40	37.22 3.05 -1.69	35.70 2.91 -1.77	35.43 2.89 -1.80	35.57 2.93 -1.80	36.74 3.01 -1.74	39.21 3.36 -1.58	45.20 3.94 -1.13	51.28 4.53 -0.49	61.54 5.29 0.00	63.23 5.10 -2.10	52.98 4.48 -0.30	46.10 3.79 -0.64	42.29 3.36 -0.30

KENSICO____ 23655	35.11 2.47 -1.34	35.88 2.40 -2.71	33.83 2.45 0.00	33.20 2.40 -0.07	35.01 2.46 -0.15	39.07 2.79 0.00	50.31 3.80 -0.11	57.54 4.43 -0.38	47.41 3.48 -0.43	42.62 3.12 -0.50	38.98 2.78 -0.57	35.70 2.53 -0.69	34.18 2.45 -0.72	33.91 2.43 -0.73	34.03 2.47 -0.73	35.19 2.50 -0.71	37.76 2.84 -0.64	44.00 3.41 -0.45	50.33 3.88 -0.19	60.87 4.61 0.00	61.37 4.48 -0.85	52.08 3.76 -0.13	45.13 3.21 -0.25	41.53 2.78 -0.13
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.58 2.07 -1.22	35.38 2.03 -2.58	33.45 2.07 0.00	32.83 2.03 -0.07	34.64 2.11 -0.14	38.70 2.43 0.00	49.78 3.39 0.00	56.69 3.96 0.00	46.58 3.09 0.00	41.57 2.57 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.94 1.92 0.00	32.65 1.91 0.00	32.81 1.97 0.00	34.04 2.05 0.00	36.64 2.36 0.00	42.98 2.85 0.00	49.58 3.33 0.00	60.42 4.16 0.00	60.07 4.03 0.00	51.52 3.33 0.00	44.55 2.88 0.00	41.09 2.47 0.00
KIAC_JFK_GT1 23816	37.27 3.07 -2.90	36.16 2.68 -2.71	34.11 2.73 0.00	33.47 2.67 -0.07	35.30 2.75 -0.15	39.43 3.16 0.00	53.79 4.41 -3.00	67.82 5.12 -9.97	58.99 4.04 -11.46	55.82 3.59 -13.23	53.78 3.17 -14.98	53.48 2.92 -18.08	52.66 2.79 -18.86	52.69 2.77 -19.18	52.88 2.81 -19.24	53.44 2.88 -18.57	54.40 3.26 -16.87	55.94 3.93 -11.87	55.88 4.53 -5.10	61.71 5.46 0.00	83.76 5.32 -22.40	55.93 4.43 -3.30	52.12 3.79 -6.66	45.25 3.28 -3.35
KIAC_JFK_GT2 23817	37.27 3.07 -2.90	36.16 2.68 -2.71	34.11 2.73 0.00	33.47 2.67 -0.07	35.30 2.75 -0.15	39.43 3.16 0.00	53.79 4.41 -3.00	67.82 5.12 -9.97	58.99 4.04 -11.46	55.82 3.59 -13.23	53.78 3.17 -14.98	53.48 2.92 -18.08	52.66 2.79 -18.86	52.69 2.77 -19.18	52.88 2.81 -19.24	53.44 2.88 -18.57	54.40 3.26 -16.87	55.94 3.93 -11.87	55.88 4.53 -5.10	61.71 5.46 0.00	83.76 5.32 -22.40	55.93 4.43 -3.30	52.12 3.79 -6.66	45.25 3.28 -3.35
KIAC_JFK____ 323774	37.27 3.07 -2.90	36.16 2.68 -2.71	34.11 2.73 0.00	33.47 2.67 -0.07	35.33 2.79 -0.15	39.43 3.15 0.00	53.80 4.41 -3.00	67.82 5.11 -9.97	58.95 4.00 -11.46	55.81 3.59 -13.23	53.82 3.21 -14.98	53.48 2.92 -18.08	52.66 2.79 -18.86	52.69 2.77 -19.18	52.88 2.81 -19.24	53.44 2.88 -18.57	54.40 3.26 -16.87	55.86 3.85 -11.87	55.88 4.53 -5.10	61.71 5.46 0.00	83.76 5.33 -22.40	55.98 4.48 -3.30	52.08 3.75 -6.66	45.22 3.24 -3.35
KINTIGH____ 23543	29.31 -2.16 -0.17	29.04 -2.09 -0.36	28.96 -2.42 0.00	28.34 -2.40 -0.01	30.11 -2.30 -0.02	33.59 -2.68 0.00	42.82 -3.57 0.00	48.73 -4.01 0.00	41.19 -2.31 0.00	37.12 -1.87 0.00	34.17 -1.46 0.00	30.95 -1.53 0.00	29.43 -1.58 0.00	29.03 -1.72 0.00	29.05 -1.79 0.00	30.26 -1.73 0.00	32.32 -1.95 0.00	37.69 -2.45 0.00	43.29 -2.96 0.00	52.99 -3.26 0.00	52.95 -3.08 0.00	46.12 -2.07 0.00	39.63 -2.04 0.00	37.31 -1.31 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-7.47 -1.13 37.64	-7.46 -1.11 37.13	-7.47 -1.16 37.69	-7.43 -1.14 37.02	-7.51 -1.26 38.63	-7.42 -1.34 42.35	-6.78 -1.86 51.32	-6.79 -1.95 57.58	-6.87 -1.61 48.75	-7.22 -1.48 44.74	-7.43 -1.39 41.67	-7.44 -1.27 38.65	-7.40 -1.15 37.27	-7.40 -1.08 37.07	-7.37 -1.02 37.19	-7.35 -1.06 38.28	-7.32 -1.17 40.43	-7.03 -1.40 45.76	-6.87 -1.80 51.31	-5.85 -1.91 60.20	-5.81 -1.79 60.05	-6.39 -1.59 52.99	0.05 -1.21 40.41	0.01 -1.20 37.41
LACHUTE__HYDRO 323717	35.94 3.03 -1.61	37.15 2.98 -3.40	34.46 3.08 0.00	33.86 3.04 -0.09	35.98 3.40 -0.19	40.34 4.06 0.00	51.86 5.47 0.00	59.33 6.59 0.00	48.71 5.22 0.00	43.40 4.41 0.00	39.48 3.85 0.00	35.99 3.51 0.00	34.09 3.07 0.00	34.01 3.26 0.00	33.73 2.90 0.00	35.19 3.20 0.00	37.87 3.60 0.00	44.67 4.53 0.00	51.06 4.81 0.00	62.28 6.02 0.00	62.03 6.00 0.00	52.82 4.63 0.00	45.55 3.88 0.00	42.14 3.51 0.00
LAWRNCAL_115KV_TB1 80681	34.77 -1.25 -4.73	34.21 -1.23 -4.66	34.86 -1.26 -4.73	34.15 -1.23 -4.65	35.92 -1.33 -4.85	40.22 -1.38 -5.32	50.65 -2.18 -6.44	49.19 -2.37 1.18	47.79 -1.83 -6.12	42.90 -1.72 -5.62	39.30 -1.57 -5.24	35.87 -1.46 -4.85	34.33 -1.36 -4.68	34.21 -1.20 -4.66	34.36 -1.14 -4.67	35.49 -1.31 -4.81	37.91 -1.44 -5.08	44.20 -1.69 -5.75	48.46 -2.13 -4.34	61.23 -2.59 -7.56	61.11 -2.47 -7.54	52.73 -2.12 -6.66	45.37 -1.38 -5.08	42.09 -1.24 -4.70
LEDERLE____ 23769	34.80 2.28 -1.22	35.54 2.18 -2.58	33.61 2.23 0.00	33.01 2.21 -0.07	34.84 2.30 -0.14	38.85 2.58 0.00	49.92 3.53 0.00	56.90 4.17 0.00	46.80 3.31 0.00	41.92 2.92 0.00	38.20 2.57 0.00	34.85 2.37 0.00	33.28 2.26 0.00	32.96 2.21 0.00	33.12 2.28 0.00	34.33 2.34 0.00	36.95 2.67 0.00	43.34 3.21 0.00	49.90 3.65 0.00	60.64 4.39 0.00	60.23 4.20 0.00	51.67 3.47 0.00	44.63 2.96 0.00	41.17 2.55 0.00
LIGHTHSE_115KV_TB6 355974	30.92 -0.47 -0.09	30.48 -0.49 -0.20	30.88 -0.50 0.00	30.21 -0.52 -0.01	31.88 -0.52 -0.01	35.84 -0.44 0.00	45.79 -0.60 0.00	51.56 -0.63 0.55	42.93 -0.57 0.00	38.41 -0.58 0.00	35.17 -0.46 0.00	32.02 -0.45 0.00	30.52 -0.50 0.00	30.26 -0.49 0.00	30.34 -0.49 0.00	31.45 -0.54 0.00	33.62 -0.65 0.00	39.37 -0.76 0.00	45.42 -0.69 0.14	55.64 -0.62 0.00	55.53 -0.50 0.00	47.76 -0.43 0.00	41.17 -0.50 0.00	38.16 -0.46 0.00
LINDEN COGEN____ 23786	37.02 2.82 -2.90	36.16 2.68 -2.71	34.14 2.76 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.65 4.27 -3.00	67.66 4.96 -9.97	58.82 3.87 -11.46	55.74 3.51 -13.23	53.71 3.10 -14.98	53.38 2.82 -18.08	52.60 2.73 -18.86	52.63 2.71 -19.18	52.78 2.71 -19.24	53.35 2.78 -18.57	54.26 3.12 -16.87	55.74 3.73 -11.87	55.69 4.35 -5.10	61.43 5.17 0.00	83.42 4.99 -22.40	55.74 4.24 -3.30	51.96 3.62 -6.66	45.14 3.17 -3.35
LINDHRST_69_KV_BK1 356055	36.10 3.41 -1.39	36.59 3.11 -2.71	34.55 3.17 0.00	33.87 3.07 -0.07	35.69 3.14 -0.15	40.01 3.74 0.00	51.76 5.20 -0.17	59.24 5.91 -0.60	48.79 4.61 -0.69	43.89 4.09 -0.80	40.07 3.53 -0.91	36.89 3.31 -1.10	35.32 3.16 -1.14	35.08 3.17 -1.16	35.21 3.21 -1.17	36.41 3.30 -1.13	38.96 3.67 -1.02	45.40 4.54 -0.74	51.80 5.23 -0.32	62.56 6.30 0.00	63.50 6.11 -1.36	53.55 5.16 -0.19	46.51 4.42 -0.42	42.68 3.86 -0.20
LIPA_MISC_IPP 23656	35.77 3.10 -1.37	36.22 2.74 -2.71	34.27 2.89 0.00	33.60 2.80 -0.07	35.30 2.75 -0.15	39.65 3.37 0.00	51.27 4.73 -0.15	58.56 5.33 -0.50	47.94 3.87 -0.58	43.02 3.35 -0.67	38.99 2.60 -0.76	36.06 2.66 -0.92	34.51 2.54 -0.96	34.30 2.58 -0.97	34.40 2.59 -0.98	35.62 2.69 -0.94	37.94 2.81 -0.86	44.60 3.85 -0.62	51.05 4.53 -0.27	61.54 5.29 0.00	61.99 4.82 -1.14	52.74 4.39 -0.16	45.77 3.75 -0.35	41.84 3.05 -0.16
LISF__SOLAR 323691	35.80 3.13 -1.37	36.28 2.80 -2.71	34.30 2.92 0.00	33.66 2.86 -0.07	35.36 2.82 -0.15	39.68 3.41 0.00	51.36 4.82 -0.15	58.67 5.43 -0.50	47.94 3.87 -0.58	43.06 3.39 -0.67	38.99 2.60 -0.76	36.06 2.66 -0.92	34.55 2.57 -0.96	34.31 2.58 -0.98	34.43 2.62 -0.98	35.46 2.53 -0.94	37.97 2.84 -0.86	44.44 3.69 -0.62	51.10 4.58 -0.27	61.83 5.57 0.00	62.22 5.04 -1.14	52.70 4.34 -0.16	45.73 3.71 -0.35	41.57 2.78 -0.16

LITTLE FALLS___HYD 24013	29.39 -1.91 0.00	28.93 -1.85 0.00	29.53 -1.85 0.00	28.91 -1.81 0.00	30.55 -1.85 0.00	34.31 -1.96 0.00	43.93 -2.46 0.00	50.68 -2.74 -0.68	40.92 -2.57 0.00	36.66 -2.34 0.00	33.42 -2.21 0.00	30.56 -1.92 0.00	29.12 -1.89 0.00	28.87 -1.88 0.00	28.95 -1.88 0.00	30.04 -1.95 0.00	32.18 -2.09 0.00	37.65 -2.49 0.00	43.78 -2.64 -0.17	53.16 -3.09 0.00	53.06 -2.97 0.00	45.59 -2.60 0.00	39.34 -2.33 0.00	36.38 -2.24 0.00
LITTLRIV_115KV_TB1 356100	35.55 -0.94 -5.20	35.01 -0.89 -5.13	35.67 -0.91 -5.20	34.92 -0.92 -5.11	36.76 -0.97 -5.33	41.21 -0.91 -5.85	51.94 -1.53 -7.08	50.65 -1.69 0.40	48.87 -1.35 -6.73	43.81 -1.36 -6.18	40.07 -1.32 -5.75	36.58 -1.23 -5.33	35.01 -1.15 -5.15	34.85 -1.01 -5.12	35.07 -0.89 -5.13	36.22 -1.06 -5.29	38.76 -1.10 -5.58	45.17 -1.28 -6.32	49.67 -1.57 -4.99	62.77 -1.80 -8.31	62.70 -1.62 -8.29	54.07 -1.45 -7.32	46.42 -0.83 -5.58	43.05 -0.73 -5.17
LI_NEWBRDGE___DRP 323616	35.57 2.91 -1.37	36.13 2.65 -2.71	34.11 2.73 0.00	33.44 2.64 -0.07	35.20 2.66 -0.15	39.47 3.19 0.00	50.98 4.45 -0.13	58.26 5.06 -0.46	47.94 3.91 -0.53	43.16 3.55 -0.62	39.47 3.14 -0.70	36.18 2.86 -0.85	34.66 2.76 -0.88	34.38 2.74 -0.90	34.48 2.74 -0.90	35.68 2.82 -0.87	38.21 3.15 -0.79	44.48 3.77 -0.57	50.80 4.30 -0.25	61.37 5.12 0.00	62.07 4.99 -1.05	52.54 4.19 -0.15	45.62 3.63 -0.32	41.98 3.21 -0.15
LOCKPORT_115KV_TB60_63_64 80432	28.11 -3.38 -0.19	27.89 -3.29 -0.41	28.15 -3.23 0.00	27.51 -3.23 -0.01	28.98 -3.43 -0.02	32.68 -3.59 0.00	41.66 -4.73 0.00	47.46 -5.27 0.00	40.45 -3.04 0.00	36.54 -2.46 0.00	33.71 -1.92 0.00	30.43 -2.05 0.00	28.87 -2.14 0.00	28.41 -2.34 0.00	28.43 -2.41 0.00	29.66 -2.34 0.00	31.63 -2.64 0.00	36.92 -3.21 0.00	42.36 -3.88 0.00	51.92 -4.33 0.00	52.00 -4.03 0.00	45.59 -2.60 0.00	39.13 -2.54 0.00	37.04 -1.58 0.00
LOCKPORT___CC1 323769	28.11 -3.38 -0.20	27.89 -3.29 -0.41	28.15 -3.23 0.00	27.64 -3.10 -0.01	29.05 -3.37 -0.02	32.68 -3.59 0.00	41.66 -4.73 0.00	47.31 -5.43 0.00	40.45 -3.05 0.00	36.31 -2.69 0.00	33.67 -1.96 0.00	30.43 -2.05 0.00	28.84 -2.17 0.00	28.41 -2.34 0.00	28.43 -2.41 0.00	29.62 -2.37 0.00	31.60 -2.67 0.00	36.64 -3.49 0.00	41.95 -4.30 0.00	51.70 -4.55 0.00	52.00 -4.03 0.00	45.40 -2.80 0.00	39.21 -2.46 0.00	37.04 -1.59 0.00
LOCKPORT___CC2 323770	28.11 -3.38 -0.20	27.89 -3.29 -0.41	28.15 -3.23 0.00	27.64 -3.10 -0.01	29.05 -3.37 -0.02	32.68 -3.59 0.00	41.66 -4.73 0.00	47.31 -5.43 0.00	40.45 -3.05 0.00	36.31 -2.69 0.00	33.67 -1.96 0.00	30.43 -2.05 0.00	28.84 -2.17 0.00	28.41 -2.34 0.00	28.43 -2.41 0.00	29.62 -2.37 0.00	31.60 -2.67 0.00	36.64 -3.49 0.00	41.95 -4.30 0.00	51.70 -4.55 0.00	52.00 -4.03 0.00	45.40 -2.80 0.00	39.21 -2.46 0.00	37.04 -1.59 0.00
LOCKPORT___CC3 323771	28.11 -3.38 -0.20	27.89 -3.29 -0.41	28.15 -3.23 0.00	27.64 -3.10 -0.01	29.05 -3.37 -0.02	32.68 -3.59 0.00	41.66 -4.73 0.00	47.31 -5.43 0.00	40.45 -3.05 0.00	36.31 -2.69 0.00	33.67 -1.96 0.00	30.43 -2.05 0.00	28.84 -2.17 0.00	28.41 -2.34 0.00	28.43 -2.41 0.00	29.62 -2.37 0.00	31.60 -2.67 0.00	36.64 -3.49 0.00	41.95 -4.30 0.00	51.70 -4.55 0.00	52.00 -4.03 0.00	45.40 -2.80 0.00	39.21 -2.46 0.00	37.04 -1.59 0.00
LONG_LAKE_PHOENIX 24014	30.83 -0.56 -0.10	30.43 -0.55 -0.21	30.82 -0.56 0.00	30.15 -0.58 -0.01	31.82 -0.58 -0.01	35.62 -0.65 0.00	45.60 -0.79 0.00	51.84 -0.90 0.00	42.84 -0.65 0.00	38.45 -0.55 0.00	35.17 -0.46 0.00	32.02 -0.45 0.00	30.55 -0.47 0.00	30.26 -0.49 0.00	30.31 -0.52 0.00	31.48 -0.51 0.00	33.66 -0.62 0.00	39.37 -0.76 0.00	45.42 -0.83 0.00	55.35 -0.90 0.00	55.19 -0.84 0.00	47.47 -0.72 0.00	40.88 -0.79 0.00	37.93 -0.70 0.00
LOVETT___3 23632	34.78 2.25 -1.23	35.54 2.15 -2.61	33.58 2.20 0.00	32.95 2.15 -0.07	34.77 2.24 -0.15	38.78 2.50 0.00	49.82 3.43 0.00	56.74 4.01 0.00	46.67 3.17 0.00	41.80 2.81 0.00	38.13 2.49 0.00	34.75 2.27 0.00	33.19 2.17 0.00	32.90 2.15 0.00	33.02 2.19 0.00	34.23 2.24 0.00	36.84 2.57 0.00	43.22 3.09 0.00	49.76 3.51 0.00	60.42 4.16 0.00	60.07 4.03 0.00	51.52 3.33 0.00	44.55 2.88 0.00	41.09 2.47 0.00
LOVETT___4 23642	34.78 2.25 -1.23	35.54 2.15 -2.61	33.58 2.20 0.00	32.95 2.15 -0.07	34.77 2.24 -0.15	38.78 2.50 0.00	49.82 3.43 0.00	56.74 4.01 0.00	46.67 3.17 0.00	41.80 2.81 0.00	38.13 2.49 0.00	34.75 2.27 0.00	33.19 2.17 0.00	32.90 2.15 0.00	33.02 2.19 0.00	34.23 2.24 0.00	36.84 2.57 0.00	43.22 3.09 0.00	49.76 3.51 0.00	60.42 4.16 0.00	60.07 4.03 0.00	51.52 3.33 0.00	44.55 2.88 0.00	41.09 2.47 0.00
LOVETT___5 23593	34.78 2.25 -1.23	35.54 2.15 -2.61	33.58 2.20 0.00	32.95 2.15 -0.07	34.77 2.24 -0.15	38.78 2.50 0.00	49.82 3.43 0.00	56.74 4.01 0.00	46.67 3.17 0.00	41.80 2.81 0.00	38.13 2.49 0.00	34.75 2.27 0.00	33.19 2.17 0.00	32.90 2.15 0.00	33.02 2.19 0.00	34.23 2.24 0.00	36.84 2.57 0.00	43.22 3.09 0.00	49.76 3.51 0.00	60.42 4.16 0.00	60.07 4.03 0.00	51.52 3.33 0.00	44.55 2.88 0.00	41.09 2.47 0.00
LOWER RAQUET___HYD 24057	35.49 -1.44 -5.64	34.92 -1.42 -5.56	35.58 -1.44 -5.65	34.80 -1.47 -5.54	36.66 -1.52 -5.79	41.06 -1.56 -6.34	51.66 -2.41 -7.68	50.43 -2.64 -0.32	48.75 -2.04 -7.30	43.79 -1.91 -6.70	40.06 -1.82 -6.24	36.57 -1.69 -5.78	35.02 -1.58 -5.58	34.92 -1.38 -5.55	35.11 -1.29 -5.57	36.22 -1.50 -5.73	38.68 -1.64 -6.06	45.10 -1.89 -6.85	49.54 -2.31 -5.61	62.46 -2.81 -9.02	62.28 -2.74 -9.00	53.77 -2.36 -7.94	46.10 -1.63 -6.05	42.76 -1.47 -5.60
LOWER___HUDSON 24059	34.42 1.53 -1.59	35.64 1.51 -3.36	32.95 1.57 0.00	32.35 1.54 -0.09	34.23 1.65 -0.19	38.09 1.81 0.00	48.94 2.55 0.00	55.27 2.53 0.00	45.45 1.96 0.00	40.75 1.76 0.00	37.20 1.57 0.00	33.91 1.43 0.00	32.41 1.40 0.00	32.19 1.45 0.00	32.22 1.39 0.00	33.46 1.47 0.00	35.92 1.64 0.00	42.34 2.21 0.00	48.74 2.50 0.00	59.07 2.81 0.00	58.72 2.69 0.00	50.41 2.22 0.00	43.55 1.88 0.00	40.24 1.62 0.00
LOWVILLE_115KV_TB2 356335	32.74 -0.22 -1.67	32.29 -0.18 -1.70	32.84 -0.16 -1.62	32.11 -0.22 -1.60	33.87 -0.19 -1.67	38.20 0.11 -1.82	48.78 0.19 -2.21	53.57 0.32 -0.52	45.63 0.04 -2.10	40.77 -0.16 -1.93	37.25 -0.18 -1.79	33.95 -0.19 -1.66	32.34 -0.28 -1.60	32.10 -0.25 -1.60	32.28 -0.15 -1.60	33.45 -0.19 -1.65	35.87 -0.14 -1.74	41.94 -0.16 -1.97	48.10 0.14 -1.72	59.30 0.45 -2.59	59.23 0.62 -2.58	50.86 0.39 -2.28	43.62 0.21 -1.74	40.35 0.12 -1.61
LUTHERFT_115KV_GLOB_FND_222 355753	34.88 1.97 -1.61	36.11 1.94 -3.40	33.39 2.01 0.00	32.79 1.97 -0.09	34.72 2.14 -0.19	38.74 2.47 0.00	49.73 3.34 0.00	56.32 3.59 0.00	46.32 2.83 0.00	41.45 2.46 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.94 1.92 0.00	32.72 1.97 0.00	32.68 1.85 0.00	33.97 1.98 0.00	36.53 2.26 0.00	42.90 2.77 0.00	49.16 2.91 0.00	59.80 3.54 0.00	59.51 3.47 0.00	50.99 2.80 0.00	44.05 2.38 0.00	40.71 2.09 0.00

LUTHERNY_35_KV_BK2 355980	34.88 1.97 -1.61	36.11 1.94 -3.40	33.39 2.01 0.00	32.82 2.00 -0.09	34.72 2.14 -0.19	38.74 2.47 0.00	49.78 3.39 0.00	56.32 3.59 0.00	46.36 2.87 0.00	41.45 2.46 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.94 1.92 0.00	32.75 2.00 0.00	32.68 1.85 0.00	34.01 2.02 0.00	36.53 2.26 0.00	42.94 2.81 0.00	49.21 2.96 0.00	59.86 3.60 0.00	59.56 3.53 0.00	51.04 2.84 0.00	44.09 2.42 0.00	40.75 2.12 0.00
LWR___OSWEGATCHIE_HYD 23850	34.12 -1.03 -3.86	33.64 -0.98 -3.85	34.21 -1.00 -3.83	33.48 -1.01 -3.77	35.26 -1.07 -3.93	39.64 -0.94 -4.31	50.21 -1.39 -5.21	51.64 -1.48 -0.38	47.14 -1.30 -4.96	42.26 -1.29 -4.55	38.62 -1.25 -4.24	35.27 -1.14 -3.93	33.66 -1.15 -3.79	33.50 -1.01 -3.77	33.69 -0.93 -3.78	34.83 -1.06 -3.89	37.25 -1.13 -4.11	43.46 -1.32 -4.65	48.71 -1.39 -3.85	60.86 -1.52 -6.12	60.79 -1.34 -6.11	52.33 -1.25 -5.39	44.82 -0.96 -4.11	41.50 -0.93 -3.80
LYONS_FALL_HYD 23570	32.52 0.09 -1.13	32.06 0.12 -1.17	32.63 0.16 -1.09	31.89 0.09 -1.07	33.64 0.13 -1.12	37.93 0.44 -1.22	48.52 0.65 -1.48	54.13 0.79 -0.60	45.42 0.52 -1.41	40.64 0.35 -1.29	37.09 0.25 -1.20	33.82 0.23 -1.12	32.25 0.16 -1.08	31.97 0.15 -1.07	32.13 0.22 -1.07	33.32 0.23 -1.11	35.71 0.27 -1.17	41.78 0.32 -1.32	48.02 0.56 -1.22	58.95 0.96 -1.74	58.83 1.06 -1.74	50.50 0.77 -1.53	43.38 0.54 -1.17	40.17 0.47 -1.08
MADISON___COUNTY_LFGE 323628	32.03 0.66 -0.08	31.58 0.65 -0.16	32.10 0.72 0.00	31.38 0.65 0.00	33.11 0.71 -0.01	37.29 1.02 0.00	47.83 1.44 0.00	54.48 1.74 0.00	44.88 1.39 0.00	40.13 1.13 0.00	36.67 1.03 0.00	33.42 0.94 0.00	31.82 0.81 0.00	31.55 0.80 0.00	31.67 0.83 0.00	32.89 0.90 0.00	35.27 0.99 0.00	41.22 1.08 0.00	47.68 1.43 0.00	58.17 1.91 0.00	57.99 1.96 0.00	49.83 1.64 0.00	42.88 1.21 0.00	39.74 1.12 0.00
MALONE___115KV_TB1 356076	53.92 -1.50 -24.13	53.10 -1.48 -23.80	54.03 -1.51 -24.16	52.98 -1.47 -23.73	55.57 -1.59 -24.77	61.75 -1.67 -27.15	76.91 -2.37 -32.89	73.34 -2.53 -23.13	72.74 -2.00 -31.25	65.88 -1.79 -28.68	60.67 -1.67 -26.71	55.62 -1.62 -24.77	53.38 -1.52 -23.89	53.10 -1.41 -23.77	53.35 -1.33 -23.84	55.06 -1.47 -24.54	58.61 -1.58 -25.92	67.63 -1.85 -29.34	73.38 -2.31 -29.44	92.20 -2.64 -38.59	92.07 -2.47 -38.50	80.00 -2.17 -33.97	65.96 -1.63 -25.91	61.14 -1.47 -23.99
MAPLEWOD_115KV_TB3 80458	34.18 1.31 -1.57	35.38 1.29 -3.32	32.76 1.38 0.00	32.17 1.35 -0.09	34.00 1.43 -0.19	37.80 1.52 0.00	48.43 2.04 0.00	54.21 1.48 0.00	44.58 1.09 0.00	39.93 0.94 0.00	36.63 1.00 0.00	33.42 0.94 0.00	31.98 0.96 0.00	31.76 1.01 0.00	31.76 0.93 0.00	33.05 1.06 0.00	35.47 1.20 0.00	41.90 1.77 0.00	48.33 2.42 0.00	58.67 2.42 0.00	58.33 2.30 0.00	50.08 1.88 0.00	43.30 1.63 0.00	40.01 1.39 0.00
MAPLE_RIDGE_WT_1 323574	30.29 -1.00 0.00	29.82 -0.95 0.00	30.41 -0.97 0.00	29.77 -0.95 0.00	31.42 -0.97 0.00	35.19 -1.09 0.00	44.89 -1.49 0.01	35.91 -1.69 15.14	42.06 -1.43 0.00	37.71 -1.29 0.00	34.42 -1.21 0.00	31.36 -1.10 0.01	29.96 -1.05 0.00	29.70 -1.05 0.00	29.82 -1.02 0.00	30.90 -1.09 0.00	33.11 -1.17 0.00	38.81 -1.32 0.00	41.02 -1.43 3.79	54.51 -1.74 0.00	54.41 -1.63 0.00	46.85 -1.35 0.00	40.67 -1.00 0.00	37.77 -0.85 0.00
MAPLE_RIDGE_WT_2 323611	30.29 -1.00 0.00	29.82 -0.95 0.00	30.41 -0.97 0.00	29.77 -0.95 0.00	31.42 -0.97 0.00	35.19 -1.09 0.00	44.89 -1.49 0.01	35.91 -1.69 15.14	42.06 -1.43 0.00	37.71 -1.29 0.00	34.42 -1.21 0.00	31.36 -1.10 0.01	29.96 -1.05 0.00	29.70 -1.05 0.00	29.82 -1.02 0.00	30.90 -1.09 0.00	33.11 -1.17 0.00	38.81 -1.32 0.00	41.02 -1.43 3.79	54.51 -1.74 0.00	54.41 -1.63 0.00	46.85 -1.35 0.00	40.67 -1.00 0.00	37.77 -0.85 0.00
MARBLE_RIVER_WT_PWR 323696	-7.00 -1.56 36.73	-7.00 -1.54 36.24	-7.00 -1.60 36.78	-7.00 -1.60 36.13	-7.00 -1.69 37.71	-6.91 -1.85 41.33	-6.25 -2.55 50.08	-6.57 -2.85 56.46	-6.44 -2.35 47.58	-6.77 -2.11 43.66	-6.99 -1.96 40.67	-7.00 -1.75 37.73	-7.00 -1.64 36.37	-7.00 -1.57 36.18	-7.00 -1.54 36.29	-7.00 -1.63 37.36	-7.00 -1.82 39.45	-6.66 -2.13 44.66	-6.44 -2.54 50.15	-5.53 -3.04 58.75	-5.55 -2.97 58.61	-6.08 -2.56 51.72	0.27 -1.96 39.44	0.29 -1.81 36.52
MARSHVLE_115KV_TB1 80742	35.88 2.75 -1.83	37.32 2.68 -3.87	34.14 2.76 0.00	33.57 2.73 -0.10	35.59 2.98 -0.22	39.68 3.41 0.00	51.03 4.64 0.00	58.01 5.27 0.00	47.32 3.83 0.00	41.92 2.92 0.00	37.95 2.32 0.00	34.62 2.14 0.00	33.12 2.11 0.00	32.90 2.15 0.00	32.96 2.13 0.00	34.29 2.30 0.00	36.71 2.43 0.00	43.34 3.21 0.00	50.73 4.49 0.00	62.22 5.96 0.00	62.03 6.00 0.00	53.30 5.11 0.00	45.88 4.21 0.00	42.41 3.78 0.00
MARSH_HILL_WT_PWR 323713	28.53 -3.04 -0.27	28.29 -3.05 -0.56	28.71 -2.67 0.00	28.13 -2.61 -0.02	29.54 -2.88 -0.03	33.48 -2.79 0.00	43.10 -3.29 0.00	49.10 -3.64 0.00	41.27 -2.22 0.00	36.85 -2.14 0.00	33.67 -1.96 0.00	30.37 -2.11 0.00	28.84 -2.17 0.00	28.47 -2.28 0.00	28.43 -2.41 0.00	29.62 -2.37 0.00	31.74 -2.54 0.00	37.16 -2.97 0.00	42.97 -3.28 0.00	53.05 -3.20 0.00	53.62 -2.41 0.00	46.56 -1.64 0.00	40.09 -1.58 0.00	38.35 -0.27 0.00
MCINTYRE_115KV_TB2 80467	35.22 -0.56 -4.49	34.68 -0.52 -4.43	35.37 -0.50 -4.49	34.62 -0.52 -4.41	36.42 -0.58 -4.61	40.89 -0.44 -5.05	51.53 -0.97 -6.11	50.11 -1.05 1.57	48.39 -0.91 -5.81	43.32 -1.01 -5.34	39.61 -1.00 -4.97	36.11 -0.97 -4.60	34.56 -0.90 -4.44	34.37 -0.80 -4.42	34.59 -0.68 -4.44	35.79 -0.77 -4.57	38.31 -0.79 -4.82	44.71 -0.88 -5.46	49.24 -1.02 -4.01	62.37 -1.07 -7.18	62.24 -0.95 -7.16	53.70 -0.82 -6.32	46.20 -0.29 -4.82	42.85 -0.23 -4.46
MECO_____69_KV_BK1 80468	36.03 2.97 -1.77	37.37 2.86 -3.73	34.33 2.95 0.00	33.75 2.92 -0.10	35.81 3.21 -0.21	40.05 3.77 0.00	51.45 5.06 0.00	58.43 5.70 0.00	47.67 4.18 0.00	42.27 3.28 0.00	38.34 2.71 0.00	34.92 2.44 0.00	33.34 2.33 0.00	33.15 2.40 0.00	33.15 2.31 0.00	34.52 2.53 0.00	37.12 2.84 0.00	43.83 3.69 0.00	51.24 4.99 0.00	62.78 6.53 0.00	62.53 6.50 0.00	53.55 5.35 0.00	46.13 4.46 0.00	42.64 4.02 0.00
MENANDS___115KV_TB5 355628	34.05 1.19 -1.57	35.28 1.20 -3.31	32.64 1.26 0.00	32.08 1.26 -0.09	33.91 1.33 -0.19	37.65 1.38 0.00	48.20 1.81 0.00	53.90 1.16 0.00	44.32 0.83 0.00	39.74 0.74 0.00	36.45 0.82 0.00	33.29 0.81 0.00	31.85 0.84 0.00	31.64 0.89 0.00	31.64 0.80 0.00	32.92 0.93 0.00	35.30 1.03 0.00	41.74 1.61 0.00	48.10 1.85 0.00	58.34 2.08 0.00	58.05 2.02 0.00	49.83 1.64 0.00	43.09 1.42 0.00	39.86 1.24 0.00
MG INDUSTRY___DRP 24185	33.89 1.06 -1.53	35.09 1.08 -3.24	32.57 1.19 0.00	31.98 1.17 -0.09	33.81 1.23 -0.18	37.58 1.31 0.00	48.11 1.72 0.00	54.27 1.53 0.00	44.62 1.13 0.00	39.93 0.94 0.00	36.52 0.89 0.00	33.29 0.81 0.00	31.82 0.81 0.00	31.58 0.83 0.00	31.60 0.77 0.00	32.79 0.80 0.00	35.23 0.96 0.00	41.42 1.28 0.00	47.82 1.57 0.00	58.11 1.86 0.00	57.83 1.79 0.00	49.69 1.49 0.00	43.01 1.33 0.00	39.82 1.20 0.00

MID___OSWEGATCHIE_HYD 23849	34.12 -1.03 -3.86	33.64 -0.98 -3.85	34.21 -1.00 -3.83	33.48 -1.01 -3.77	35.26 -1.07 -3.93	39.64 -0.94 -4.31	50.21 -1.39 -5.21	51.64 -1.48 -0.38	47.14 -1.30 -4.96	42.26 -1.29 -4.55	38.62 -1.25 -4.24	35.27 -1.14 -3.93	33.66 -1.15 -3.79	33.50 -1.01 -3.77	33.69 -0.93 -3.78	34.83 -1.06 -3.89	37.25 -1.13 -4.11	43.46 -1.32 -4.65	48.71 -1.39 -3.85	60.86 -1.52 -6.12	60.79 -1.34 -6.11	52.33 -1.25 -5.39	44.82 -0.96 -4.11	41.50 -0.93 -3.80
MID___RAQUETTE_HYD 23851	35.49 -1.44 -5.64	34.92 -1.42 -5.56	35.58 -1.44 -5.65	34.86 -1.41 -5.54	36.66 -1.52 -5.79	41.06 -1.56 -6.34	51.66 -2.41 -7.68	50.42 -2.64 -0.32	48.71 -2.09 -7.30	43.75 -1.95 -6.70	40.06 -1.82 -6.24	36.57 -1.69 -5.78	35.01 -1.58 -5.58	34.92 -1.38 -5.55	35.11 -1.30 -5.57	36.22 -1.50 -5.73	38.68 -1.65 -6.06	45.06 -1.93 -6.85	49.50 -2.36 -5.61	62.40 -2.87 -9.02	62.34 -2.69 -9.00	53.77 -2.36 -7.94	46.10 -1.63 -6.05	42.76 -1.47 -5.60
MILLIKEN___1 23584	31.83 0.28 -0.26	31.59 0.28 -0.54	31.76 0.38 0.00	31.08 0.34 -0.01	32.75 0.32 -0.03	36.85 0.58 0.00	47.32 0.93 0.00	53.69 0.95 0.00	44.40 0.91 0.00	39.78 0.78 0.00	36.27 0.64 0.00	33.00 0.52 0.00	31.45 0.43 0.00	31.15 0.40 0.00	31.20 0.37 0.00	32.44 0.45 0.00	34.75 0.48 0.00	40.82 0.68 0.00	47.17 0.92 0.00	57.60 1.35 0.00	57.43 1.40 0.00	49.40 1.20 0.00	42.42 0.75 0.00	39.47 0.85 0.00
MILLIKEN___2 23585	31.83 0.28 -0.26	31.59 0.28 -0.54	31.76 0.38 0.00	31.08 0.34 -0.01	32.75 0.32 -0.03	36.85 0.58 0.00	47.32 0.93 0.00	53.69 0.95 0.00	44.40 0.91 0.00	39.78 0.78 0.00	36.27 0.64 0.00	33.00 0.52 0.00	31.45 0.43 0.00	31.15 0.40 0.00	31.20 0.37 0.00	32.44 0.45 0.00	34.75 0.48 0.00	40.82 0.68 0.00	47.17 0.92 0.00	57.60 1.35 0.00	57.43 1.40 0.00	49.40 1.20 0.00	42.42 0.75 0.00	39.47 0.85 0.00
MILLIKEN___DIESEL 23629	31.83 0.28 -0.26	31.59 0.28 -0.54	31.76 0.38 0.00	31.08 0.34 -0.01	32.75 0.32 -0.03	36.85 0.58 0.00	47.32 0.93 0.00	53.69 0.95 0.00	44.40 0.91 0.00	39.78 0.78 0.00	36.27 0.64 0.00	33.00 0.52 0.00	31.45 0.43 0.00	31.15 0.40 0.00	31.20 0.37 0.00	32.44 0.45 0.00	34.75 0.48 0.00	40.82 0.68 0.00	47.17 0.92 0.00	57.60 1.35 0.00	57.43 1.40 0.00	49.40 1.20 0.00	42.42 0.75 0.00	39.47 0.85 0.00
MILLSEAT___LFGE 323607	28.82 -2.66 -0.19	28.58 -2.58 -0.39	28.84 -2.54 0.00	28.31 -2.43 -0.01	29.73 -2.69 -0.02	33.55 -2.72 0.00	42.82 -3.57 0.00	48.78 -3.96 0.00	41.49 -2.00 0.00	37.24 -1.75 0.00	34.49 -1.14 0.00	31.15 -1.33 0.00	29.56 -1.46 0.00	29.09 -1.66 0.00	29.11 -1.73 0.00	30.36 -1.63 0.00	32.32 -1.95 0.00	37.56 -2.57 0.00	43.01 -3.24 0.00	53.22 -3.04 0.00	53.57 -2.46 0.00	46.51 -1.69 0.00	40.09 -1.58 0.00	37.77 -0.85 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.00 2.38 -1.33	35.78 2.31 -2.70	33.73 2.35 0.00	33.10 2.30 -0.07	34.94 2.40 -0.15	38.96 2.68 0.00	50.15 3.66 -0.09	57.31 4.27 -0.30	47.19 3.35 -0.35	42.40 3.00 -0.40	38.76 2.67 -0.46	35.47 2.44 -0.55	33.95 2.36 -0.57	33.67 2.34 -0.58	33.79 2.37 -0.59	34.99 2.43 -0.57	37.53 2.74 -0.51	43.79 3.29 -0.36	50.15 3.75 -0.16	60.70 4.44 0.00	61.03 4.31 -0.68	51.91 3.61 -0.10	44.96 3.08 -0.20	41.39 2.66 -0.10
MILLWOOD_13_KV_LOAD 356217	35.06 2.44 -1.33	35.84 2.37 -2.70	33.80 2.42 0.00	33.17 2.37 -0.07	35.01 2.46 -0.15	39.03 2.76 0.00	50.29 3.80 -0.09	57.42 4.38 -0.30	47.28 3.44 -0.35	42.52 3.12 -0.40	38.83 2.74 -0.46	35.56 2.53 -0.55	34.01 2.42 -0.57	33.73 2.40 -0.58	33.89 2.47 -0.59	35.05 2.50 -0.57	37.63 2.84 -0.51	43.87 3.37 -0.36	50.24 3.84 -0.16	60.81 4.56 0.00	61.20 4.48 -0.68	52.01 3.71 -0.10	45.08 3.21 -0.20	41.47 2.74 -0.10
MODEL_CITY_ENERGY 24167	27.83 -3.66 -0.20	27.62 -3.57 -0.42	27.83 -3.55 0.00	27.36 -3.38 -0.01	28.76 -3.66 -0.02	32.32 -3.95 0.00	41.15 -5.24 0.00	46.72 -6.01 0.00	39.97 -3.52 0.00	35.88 -3.12 0.00	33.32 -2.32 0.00	30.11 -2.37 0.00	28.53 -2.48 0.00	28.10 -2.64 0.00	28.12 -2.71 0.00	29.30 -2.69 0.00	31.26 -3.02 0.00	36.24 -3.89 0.00	41.44 -4.81 0.00	51.08 -5.17 0.00	51.38 -4.65 0.00	44.87 -3.32 0.00	38.75 -2.92 0.00	36.61 -2.01 0.00
MODERN_LFGE___ 323580	27.83 -3.66 -0.20	27.62 -3.57 -0.42	27.83 -3.55 0.00	27.36 -3.38 -0.01	28.76 -3.66 -0.02	32.32 -3.95 0.00	41.15 -5.24 0.00	46.72 -6.01 0.00	39.97 -3.52 0.00	35.88 -3.12 0.00	33.32 -2.32 0.00	30.11 -2.37 0.00	28.53 -2.48 0.00	28.10 -2.64 0.00	28.12 -2.71 0.00	29.30 -2.69 0.00	31.26 -3.02 0.00	36.24 -3.89 0.00	41.44 -4.81 0.00	51.08 -5.17 0.00	51.38 -4.65 0.00	44.87 -3.32 0.00	38.75 -2.92 0.00	36.61 -2.01 0.00
MOHAWK_PAPER___DRP 24187	34.18 1.31 -1.57	35.38 1.29 -3.32	32.76 1.38 0.00	32.17 1.35 -0.09	34.00 1.43 -0.19	37.80 1.52 0.00	48.43 2.04 0.00	54.21 1.48 0.00	44.58 1.09 0.00	39.93 0.94 0.00	36.63 1.00 0.00	33.42 0.94 0.00	31.98 0.96 0.00	31.76 1.01 0.00	31.76 0.93 0.00	33.05 1.06 0.00	35.47 1.20 0.00	41.90 1.77 0.00	48.33 2.08 0.00	58.67 2.42 0.00	58.33 2.30 0.00	50.08 1.88 0.00	43.30 1.63 0.00	40.01 1.39 0.00
MOHICAN___35_KV_115KV_LD 80490	35.19 2.28 -1.61	36.41 2.25 -3.40	33.70 2.32 0.00	33.12 2.30 -0.09	35.11 2.53 -0.19	39.25 2.97 0.00	50.43 4.04 0.00	57.17 4.43 0.00	47.01 3.52 0.00	42.04 3.04 0.00	38.31 2.67 0.00	34.92 2.44 0.00	33.34 2.33 0.00	33.18 2.43 0.00	33.02 2.19 0.00	34.39 2.40 0.00	36.98 2.71 0.00	43.47 3.33 0.00	49.67 3.42 0.00	60.53 4.28 0.00	60.23 4.20 0.00	51.47 3.28 0.00	44.42 2.75 0.00	41.06 2.43 0.00
MONGAUP___HYD 23641	34.33 1.88 -1.16	35.07 1.85 -2.45	33.26 1.88 0.00	32.64 1.84 -0.07	34.44 1.91 -0.14	38.49 2.21 0.00	49.40 3.01 0.00	55.48 2.74 0.00	45.84 2.35 0.00	41.18 2.18 0.00	37.45 1.82 0.00	34.14 1.66 0.00	32.60 1.58 0.00	32.32 1.57 0.00	32.47 1.63 0.00	33.72 1.73 0.00	36.33 2.06 0.00	42.62 2.49 0.00	49.25 3.00 0.00	60.13 3.88 0.00	59.73 3.70 0.00	51.28 3.09 0.00	44.26 2.58 0.00	40.90 2.28 0.00
MONTAUK___DIESEL 23721	35.46 2.79 -1.37	35.92 2.43 -2.71	33.92 2.54 0.00	33.26 2.46 -0.07	34.97 2.43 -0.15	39.32 3.05 0.00	50.94 4.41 -0.15	58.25 5.01 -0.50	47.55 3.48 -0.58	42.67 3.00 -0.67	38.14 1.75 -0.76	35.41 2.01 -0.92	33.86 1.89 -0.96	33.66 1.94 -0.97	33.75 1.94 -0.98	34.98 2.05 -0.94	37.25 2.12 -0.86	43.92 3.17 -0.62	50.17 3.65 -0.27	60.64 4.39 0.00	60.98 3.81 -1.14	51.87 3.52 -0.16	44.98 2.96 -0.35	41.41 2.63 -0.16
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.65 -3.88 -0.23	27.44 -3.82 -0.49	28.21 -3.17 0.00	27.61 -3.13 -0.01	28.66 -3.76 -0.03	32.90 -3.37 0.00	42.35 -4.04 0.00	48.52 -4.22 0.00	41.23 -2.26 0.00	37.09 -1.91 0.00	33.99 -1.64 0.00	30.66 -1.82 0.00	28.97 -2.05 0.00	28.47 -2.28 0.00	28.46 -2.37 0.00	29.69 -2.30 0.00	31.84 -2.43 0.00	37.57 -2.57 0.00	43.33 -2.91 0.00	53.50 -2.76 0.00	53.79 -2.24 0.00	47.18 -1.01 0.00	40.76 -0.92 0.00	38.85 0.23 0.00

MORRIS_RIDGE___SOLAR 323848	28.64 -2.91 -0.26	28.46 -2.86 -0.54	28.84 -2.54 0.00	28.28 -2.46 -0.01	29.67 -2.75 -0.03	33.55 -2.72 0.00	43.01 -3.38 0.00	48.94 -3.80 0.00	41.27 -2.22 0.00	36.89 -2.11 0.00	33.92 -1.71 0.00	30.59 -1.88 0.00	29.00 -2.02 0.00	28.63 -2.12 0.00	28.65 -2.19 0.00	29.85 -2.14 0.00	31.98 -2.30 0.00	37.37 -2.77 0.00	43.06 -3.19 0.00	53.11 -3.15 0.00	53.68 -2.35 0.00	46.61 -1.59 0.00	40.21 -1.46 0.00	38.00 -0.62 0.00
MORTIMER_115KV_TB3 55949	30.14 -1.31 -0.16	29.81 -1.29 -0.33	29.91 -1.47 0.00	29.23 -1.51 -0.01	30.99 -1.43 -0.02	34.68 -1.60 0.00	44.30 -2.09 0.00	50.57 -2.16 0.00	42.36 -1.13 0.00	38.18 -0.82 0.00	35.06 -0.57 0.00	31.80 -0.68 0.00	30.27 -0.74 0.00	29.86 -0.89 0.00	29.91 -0.93 0.00	31.13 -0.86 0.00	33.21 -1.06 0.00	38.81 -1.32 0.00	44.54 -1.71 0.00	54.68 -1.58 0.00	54.69 -1.34 0.00	47.23 -0.96 0.00	40.59 -1.08 0.00	38.00 -0.62 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.41 2.75 -0.36	36.13 2.65 -2.71	34.08 2.70 0.00	33.44 2.64 -0.07	35.30 2.75 -0.15	39.39 3.12 0.00	48.87 4.18 1.70	51.94 4.85 5.65	40.87 3.87 6.49	34.97 3.47 7.49	30.21 3.06 8.48	25.07 2.83 10.24	23.03 2.70 10.68	22.56 2.68 10.86	22.65 2.71 10.89	24.25 2.78 10.52	27.84 3.12 9.56	37.18 3.77 6.72	47.66 4.30 2.89	61.37 5.12 0.00	92.36 4.99 -31.34	50.52 4.19 1.87	41.48 3.58 3.77	39.85 3.13 1.90
MUNSVILLE_WIND_PWR 323609	33.10 1.41 -0.40	33.06 1.45 -0.84	33.07 1.69 0.00	32.32 1.57 -0.02	34.09 1.65 -0.05	38.74 2.47 0.00	49.96 3.57 0.00	60.70 7.96 0.00	49.49 6.00 0.00	43.48 4.48 0.00	39.34 3.71 0.00	35.70 3.22 0.00	33.68 2.67 0.00	33.27 2.52 0.00	33.67 2.83 0.00	35.19 3.20 0.00	38.14 3.87 0.00	42.70 2.57 0.00	49.53 3.28 0.00	60.87 4.61 0.00	60.85 4.82 0.00	52.19 4.00 0.00	44.76 3.08 0.00	41.64 3.01 0.00
N SALMON___HYD 24042	53.92 -1.50 -24.13	53.10 -1.48 -23.80	54.03 -1.51 -24.16	52.92 -1.54 -23.73	55.54 -1.62 -24.77	61.75 -1.67 -27.15	76.91 -2.36 -32.89	73.34 -2.53 -23.13	72.74 -2.00 -31.25	65.88 -1.79 -28.68	60.67 -1.67 -26.71	55.62 -1.62 -24.77	53.39 -1.52 -23.89	53.10 -1.41 -23.77	53.35 -1.32 -23.84	55.06 -1.47 -24.54	58.65 -1.54 -25.92	67.67 -1.81 -29.34	73.43 -2.27 -29.44	92.26 -2.59 -38.59	92.01 -2.52 -38.50	80.00 -2.17 -33.97	65.95 -1.63 -25.91	61.14 -1.47 -23.99
N.AKRON__115KV_KNAPP 355671	28.76 -2.72 -0.19	28.52 -2.65 -0.40	28.78 -2.60 0.00	28.13 -2.61 -0.01	29.63 -2.79 -0.02	33.44 -2.83 0.00	42.73 -3.66 0.00	48.78 -3.96 0.00	41.40 -2.09 0.00	37.40 -1.60 0.00	34.42 -1.21 0.00	31.08 -1.40 0.00	29.49 -1.52 0.00	29.03 -1.72 0.00	29.05 -1.79 0.00	30.30 -1.70 0.00	32.28 -1.99 0.00	37.77 -2.37 0.00	43.29 -2.96 0.00	53.22 -3.04 0.00	53.40 -2.63 0.00	46.56 -1.64 0.00	39.92 -1.75 0.00	37.70 -0.93 0.00
N.BELMOR_69_KV_BK1 55787	35.81 3.10 -1.41	36.32 2.83 -2.71	34.27 2.89 0.00	33.60 2.80 -0.07	35.39 2.85 -0.15	39.65 3.37 0.00	51.29 4.69 -0.22	58.80 5.33 -0.74	48.56 4.22 -0.85	43.72 3.74 -0.98	40.06 3.31 -1.12	36.88 3.05 -1.35	35.37 2.95 -1.41	35.10 2.92 -1.43	35.23 2.96 -1.44	36.42 3.04 -1.39	38.92 3.39 -1.26	45.13 4.09 -0.90	51.31 4.67 -0.39	61.82 5.57 0.00	63.20 5.49 -1.67	53.01 4.58 -0.24	46.14 3.96 -0.51	42.38 3.51 -0.24
N.E_GEN_SANDY PD 24062	34.50 1.78 -1.42	35.53 1.75 -3.00	33.17 1.79 0.00	32.59 1.78 -0.08	34.41 1.85 -0.17	38.27 1.99 0.00	49.17 2.78 0.00	55.90 3.16 0.00	45.88 2.39 0.00	41.14 2.14 0.00	37.59 1.96 0.00	34.26 1.79 0.00	32.75 1.74 0.00	32.50 1.75 0.00	32.59 1.76 0.00	33.78 1.79 0.00	36.26 1.99 0.00	42.54 2.41 0.00	49.07 2.82 0.00	59.40 3.15 0.00	59.00 2.97 0.00	50.70 2.50 0.00	43.80 2.12 0.00	40.40 1.78 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.78 2.25 -1.23	35.55 2.18 -2.59	33.58 2.20 0.00	32.98 2.18 -0.07	34.81 2.27 -0.15	38.81 2.54 0.00	49.82 3.43 0.00	56.85 4.11 0.00	46.71 3.22 0.00	41.88 2.89 0.00	38.16 2.53 0.00	34.79 2.31 0.00	33.22 2.20 0.00	32.93 2.18 0.00	33.05 2.22 0.00	34.29 2.30 0.00	36.88 2.60 0.00	43.26 3.13 0.00	49.81 3.56 0.00	60.53 4.28 0.00	60.18 4.15 0.00	51.62 3.42 0.00	44.59 2.92 0.00	41.13 2.51 0.00
N.QUEENS_27_KV_LOAD 356247	37.09 2.88 -2.91	36.29 2.80 -2.72	34.21 2.82 -0.01	33.60 2.80 -0.08	35.44 2.88 -0.16	39.55 3.26 -0.01	54.40 4.36 -3.65	69.89 5.01 -12.15	61.49 4.04 -13.95	58.74 3.63 -16.11	57.08 3.21 -18.24	57.45 2.96 -22.02	56.83 2.85 -22.97	56.93 2.83 -23.35	57.13 2.87 -23.43	57.56 2.94 -22.62	58.11 3.29 -20.55	58.52 3.93 -14.46	56.89 4.44 -6.20	61.61 5.34 -0.01	88.47 5.15 -27.28	56.60 4.39 -4.02	53.54 3.75 -8.11	46.02 3.32 -4.07
N.TROY___115KV_TB1 355778	34.42 1.53 -1.59	35.64 1.51 -3.36	32.95 1.57 0.00	32.35 1.54 -0.09	34.23 1.65 -0.19	38.09 1.81 0.00	48.94 2.55 0.00	55.27 2.53 0.00	45.45 1.96 0.00	40.71 1.72 0.00	37.20 1.57 0.00	33.91 1.43 0.00	32.41 1.40 0.00	32.19 1.45 0.00	32.19 1.36 0.00	33.46 1.47 0.00	35.92 1.65 0.00	42.26 2.13 0.00	48.65 2.40 0.00	59.07 2.81 0.00	58.78 2.75 0.00	50.41 2.22 0.00	43.55 1.88 0.00	40.21 1.58 0.00
NARROWS_GT1_1 24228	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT1_2 24229	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT1_3 24230	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT1_4 24231	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02

NARROWS_GT1_5 24232	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT1_6 24233	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT1_7 24234	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT1_8 24235	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT2_1 24236	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT2_2 24237	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT2_3 24238	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT2_4 24239	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT2_5 24240	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT2_6 24241	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT2_7 24242	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NARROWS_GT2_8 24243	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.72 0.94 -1.49	34.90 0.98 -3.14	32.92 1.54 0.00	32.35 1.54 -0.08	34.19 1.62 -0.18	38.05 1.78 0.00	48.76 2.37 0.00	54.79 2.06 0.00	44.93 1.44 0.00	40.56 1.56 0.00	36.95 1.32 0.00	33.62 1.14 0.00	32.16 1.15 0.00	31.95 1.20 0.00	31.97 1.14 0.00	33.27 1.28 0.00	35.85 1.58 0.00	42.18 2.05 0.00	48.98 2.73 0.00	59.01 2.76 0.00	58.72 2.69 0.00	50.36 2.17 0.00	43.55 1.88 0.00	40.40 1.78 0.00
NCHELSEA_115KV_TR2 355582	34.79 2.22 -1.27	35.65 2.18 -2.69	33.61 2.23 0.00	32.98 2.18 -0.07	34.81 2.27 -0.15	38.85 2.58 0.00	49.96 3.57 0.00	56.85 4.11 0.00	46.71 3.22 0.00	41.84 2.85 0.00	38.13 2.49 0.00	34.75 2.27 0.00	33.22 2.20 0.00	32.93 2.18 0.00	33.05 2.22 0.00	34.26 2.27 0.00	36.84 2.57 0.00	43.22 3.09 0.00	49.81 3.56 0.00	60.59 4.33 0.00	60.23 4.20 0.00	51.67 3.47 0.00	44.67 3.00 0.00	41.21 2.59 0.00
NEG CAPITAL___MECHNVIL 23645	34.87 1.97 -1.60	36.10 1.94 -3.39	33.36 1.98 0.00	32.79 1.97 -0.09	34.72 2.14 -0.19	38.70 2.43 0.00	49.73 3.34 0.00	56.27 3.53 0.00	46.28 2.79 0.00	41.45 2.46 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.94 1.92 0.00	32.75 2.00 0.00	32.71 1.88 0.00	34.01 2.02 0.00	36.53 2.26 0.00	43.03 2.89 0.00	49.35 3.10 0.00	59.97 3.71 0.00	59.62 3.59 0.00	51.09 2.89 0.00	44.13 2.46 0.00	40.78 2.16 0.00

NEG CENTRAL_HIGH_ACRES 23767	29.91 -1.53 -0.15	29.61 -1.48 -0.32	29.75 -1.63 0.00	29.14 -1.60 -0.01	30.76 -1.65 -0.02	34.50 -1.78 0.00	44.12 -2.27 0.00	50.31 -2.42 0.00	42.06 -1.43 0.00	37.79 -1.21 0.00	34.74 -0.89 0.00	31.54 -0.94 0.00	30.02 -0.99 0.00	29.67 -1.08 0.00	29.69 -1.14 0.00	30.90 -1.09 0.00	32.93 -1.34 0.00	38.41 -1.72 0.00	44.08 -2.17 0.00	54.17 -2.08 0.00	54.24 -1.80 0.00	46.70 -1.49 0.00	40.17 -1.50 0.00	37.50 -1.12 0.00
NEG CENTRAL___DRP 24199	30.96 -0.50 -0.17	30.63 -0.49 -0.35	30.97 -0.41 0.00	30.31 -0.43 -0.01	31.96 -0.45 -0.02	35.98 -0.29 0.00	46.16 -0.23 0.00	52.47 -0.26 0.00	43.62 0.13 0.00	39.11 0.12 0.00	35.74 0.11 0.00	32.45 -0.03 0.00	30.89 -0.12 0.00	30.56 -0.18 0.00	30.62 -0.22 0.00	31.83 -0.16 0.00	34.07 -0.21 0.00	39.89 -0.24 0.00	46.06 -0.18 0.00	56.20 -0.06 0.00	56.14 0.11 0.00	48.39 0.19 0.00	41.55 -0.13 0.00	38.74 0.12 0.00
NEG CENTRAL___INDECK 23768	30.30 -1.22 -0.22	30.07 -1.17 -0.47	30.31 -1.07 0.00	29.70 -1.04 -0.01	31.22 -1.20 -0.03	35.30 -0.98 0.00	45.32 -1.07 0.00	51.68 -1.05 0.00	43.14 -0.35 0.00	38.53 -0.47 0.00	35.28 -0.36 0.00	31.86 -0.62 0.00	30.21 -0.81 0.00	29.83 -0.92 0.00	29.88 -0.96 0.00	31.16 -0.83 0.00	33.31 -0.96 0.00	39.09 -1.04 0.00	45.05 -1.20 0.00	56.03 -0.22 0.00	56.48 0.45 0.00	48.63 0.43 0.00	41.76 0.08 0.00	39.24 0.62 0.00
NEG CENTRAL___SENECA 23627	30.82 -0.66 -0.18	30.52 -0.65 -0.39	30.85 -0.53 0.00	30.18 -0.55 -0.01	31.83 -0.58 -0.02	35.91 -0.36 0.00	46.11 -0.28 0.00	52.42 -0.32 0.00	43.71 0.22 0.00	39.19 0.19 0.00	35.81 0.18 0.00	32.45 -0.03 0.00	30.89 -0.12 0.00	30.53 -0.22 0.00	30.56 -0.28 0.00	31.83 -0.16 0.00	34.03 -0.24 0.00	39.93 -0.20 0.00	46.06 -0.18 0.00	56.25 0.00 0.00	56.20 0.17 0.00	48.58 0.39 0.00	41.63 -0.04 0.00	38.93 0.31 0.00
NEG CENTRAL___STATE_STREET 24147	31.21 -0.25 -0.16	30.90 -0.22 -0.34	31.19 -0.19 0.00	30.49 -0.25 -0.01	32.18 -0.23 -0.02	36.16 -0.11 0.00	46.39 0.00 0.00	52.74 0.00 0.00	43.66 0.17 0.00	39.15 0.16 0.00	35.81 0.18 0.00	32.58 0.10 0.00	31.05 0.03 0.00	30.75 0.00 0.00	30.80 -0.03 0.00	31.99 0.00 0.00	34.24 -0.03 0.00	40.09 -0.04 0.00	46.25 0.00 0.00	56.48 0.23 0.00	56.31 0.28 0.00	48.44 0.24 0.00	41.63 -0.04 0.00	38.70 0.08 0.00
NEG MILLWOOD___DRP 24198	35.03 2.44 -1.29	35.90 2.40 -2.72	33.83 2.45 0.00	33.20 2.40 -0.07	35.01 2.46 -0.15	39.10 2.83 0.00	50.33 3.94 0.00	57.27 4.54 0.00	47.06 3.57 0.00	42.23 3.24 0.00	38.48 2.85 0.00	35.05 2.57 0.00	33.50 2.48 0.00	33.24 2.49 0.00	33.36 2.53 0.00	34.55 2.56 0.00	37.19 2.91 0.00	43.59 3.45 0.00	50.09 3.84 0.00	60.98 4.73 0.00	60.68 4.65 0.00	52.05 3.86 0.00	44.96 3.29 0.00	41.44 2.82 0.00
NEG NORTH_FLCN_SEA 23793	-7.18 -1.16 37.32	-7.21 -1.17 36.81	-7.18 -1.19 37.37	-7.17 -1.20 36.70	-7.21 -1.30 38.31	-7.13 -1.41 41.99	-6.48 -1.99 50.88	-6.61 -2.16 57.18	-6.58 -1.74 48.34	-6.96 -1.60 44.36	-7.18 -1.50 41.31	-7.18 -1.33 38.32	-7.17 -1.24 36.95	-7.18 -1.17 36.76	-7.11 -1.08 36.87	-7.11 -1.15 37.95	-7.08 -1.27 40.08	-6.80 -1.57 45.37	-6.59 -1.94 50.90	-5.62 -2.19 59.68	-5.58 -2.07 59.54	-6.13 -1.78 52.54	0.23 -1.38 40.07	0.25 -1.27 37.10
NEG NORTH_KES_CHATEGAY 23792	-9.70 -1.66 39.34	-9.63 -1.60 38.81	-9.67 -1.66 39.39	-9.59 -1.63 38.69	-9.71 -1.72 40.38	-9.88 -1.89 44.26	-9.84 -2.60 53.64	-9.84 -2.90 59.68	-9.86 -2.39 50.96	-9.91 -2.14 46.76	-9.92 -2.00 43.55	-9.84 -1.92 40.40	-9.73 -1.80 38.95	-9.72 -1.72 38.75	-9.70 -1.67 38.87	-9.78 -1.76 40.01	-9.90 -1.92 42.25	-9.91 -2.21 47.83	-9.89 -2.64 53.51	-9.81 -3.15 62.92	-9.82 -3.08 62.77	-9.79 -2.60 55.39	-2.61 -2.04 42.24	-2.34 -1.85 39.11
NEG NORTH___ALICE_FALLS 23915	-7.47 -1.13 37.64	-7.46 -1.11 37.13	-7.47 -1.16 37.69	-7.43 -1.14 37.02	-7.51 -1.26 38.63	-7.42 -1.34 42.35	-6.78 -1.86 51.32	-6.79 -1.95 57.58	-6.87 -1.61 48.75	-7.22 -1.48 44.74	-7.43 -1.39 41.67	-7.44 -1.27 38.65	-7.40 -1.15 37.27	-7.40 -1.08 37.07	-7.37 -1.02 37.19	-7.35 -1.06 38.28	-7.32 -1.17 40.43	-7.03 -1.40 45.76	-6.87 -1.80 51.31	-5.85 -1.91 60.20	-5.81 -1.79 60.05	-6.39 -1.59 52.99	0.05 -1.21 40.41	0.01 -1.20 37.41
NEG NORTH___LWR_SARANAC 23913	-7.47 -1.13 37.64	-7.46 -1.11 37.13	-7.47 -1.16 37.69	-7.43 -1.14 37.02	-7.51 -1.26 38.63	-7.42 -1.34 42.35	-6.78 -1.86 51.32	-6.79 -1.95 57.58	-6.87 -1.61 48.75	-7.22 -1.48 44.74	-7.43 -1.39 41.67	-7.44 -1.27 38.65	-7.40 -1.15 37.27	-7.40 -1.08 37.07	-7.37 -1.02 37.19	-7.35 -1.06 38.28	-7.32 -1.17 40.43	-7.03 -1.40 45.76	-6.87 -1.80 51.31	-5.85 -1.91 60.20	-5.81 -1.79 60.05	-6.39 -1.59 52.99	0.05 -1.21 40.41	0.01 -1.20 37.41
NEG NORTH___PLATTSBURG 23628	-7.47 -1.13 37.64	-7.46 -1.11 37.13	-7.47 -1.16 37.69	-7.49 -1.20 37.02	-7.51 -1.26 38.63	-7.42 -1.34 42.35	-6.78 -1.86 51.32	-6.79 -1.95 57.58	-6.87 -1.61 48.75	-7.18 -1.44 44.74	-7.43 -1.39 41.67	-7.44 -1.27 38.65	-7.40 -1.15 37.27	-7.40 -1.08 37.07	-7.37 -1.02 37.19	-7.34 -1.05 38.28	-7.35 -1.20 40.43	-6.99 -1.36 45.76	-6.82 -1.76 51.31	-5.85 -1.91 60.20	-5.82 -1.80 60.05	-6.38 -1.59 52.99	0.01 -1.25 40.41	0.01 -1.20 37.41
NEG WEST_LEA_LOCKPORT 23791	28.11 -3.38 -0.20	27.89 -3.29 -0.41	28.15 -3.23 0.00	27.51 -3.23 -0.01	28.98 -3.43 -0.02	32.68 -3.59 0.00	41.66 -4.73 0.00	47.41 -5.33 0.00	40.45 -3.04 0.00	36.54 -2.46 0.00	33.71 -1.92 0.00	30.43 -2.05 0.00	28.87 -2.14 0.00	28.41 -2.34 0.00	28.43 -2.41 0.00	29.62 -2.37 0.00	31.63 -2.64 0.00	36.92 -3.21 0.00	42.32 -3.93 0.00	51.87 -4.39 0.00	52.00 -4.03 0.00	45.59 -2.60 0.00	39.13 -2.54 0.00	37.04 -1.58 0.00
NEG WEST___LANCASTER 23811	27.77 -3.76 -0.23	27.53 -3.72 -0.48	28.93 -2.45 0.00	28.28 -2.46 -0.01	28.92 -3.50 -0.03	33.63 -2.65 0.00	43.00 -3.39 0.00	49.15 -3.59 0.00	41.71 -1.78 0.00	37.55 -1.44 0.00	34.46 -1.18 0.00	31.12 -1.36 0.00	29.46 -1.55 0.00	29.03 -1.72 0.00	29.05 -1.79 0.00	30.30 -1.70 0.00	32.46 -1.82 0.00	38.09 -2.05 0.00	43.70 -2.54 0.00	53.50 -2.76 0.00	53.62 -2.41 0.00	46.80 -1.40 0.00	40.17 -1.50 0.00	38.00 -0.62 0.00
NEG_PENN_ALLEGHNY 23528	31.52 -0.19 -0.41	31.43 -0.21 -0.87	31.35 -0.03 0.00	30.72 -0.03 -0.02	32.34 -0.10 -0.05	36.35 0.07 0.00	46.67 0.28 0.00	53.16 0.42 0.00	44.18 0.69 0.00	39.54 0.55 0.00	36.20 0.57 0.00	32.90 0.42 0.00	31.32 0.31 0.00	31.02 0.28 0.00	31.08 0.25 0.00	32.31 0.32 0.00	34.51 0.24 0.00	40.30 0.16 0.00	46.48 0.23 0.00	56.70 0.45 0.00	56.65 0.62 0.00	48.78 0.58 0.00	42.00 0.33 0.00	39.12 0.50 0.00
NEG___GEN_MONROE 24207	30.08 -1.38 -0.16	29.75 -1.35 -0.33	29.91 -1.47 0.00	29.26 -1.47 -0.01	30.99 -1.43 -0.02	34.75 -1.52 0.00	44.40 -1.99 0.00	50.57 -2.16 0.00	42.40 -1.09 0.00	38.14 -0.86 0.00	34.99 -0.64 0.00	31.70 -0.78 0.00	30.15 -0.87 0.00	29.73 -1.01 0.00	29.79 -1.05 0.00	31.00 -0.99 0.00	32.97 -1.30 0.00	38.69 -1.44 0.00	44.49 -1.76 0.00	54.68 -1.58 0.00	54.74 -1.29 0.00	47.33 -0.87 0.00	40.71 -0.96 0.00	38.24 -0.39 0.00

NEPA___ENERGY 23901	28.77 -2.75 -0.23	28.50 -2.77 -0.49	29.18 -2.20 0.00	28.56 -2.18 -0.01	29.76 -2.66 -0.03	33.95 -2.32 0.00	43.47 -2.92 0.00	49.62 -3.11 0.00	42.06 -1.44 0.00	37.75 -1.25 0.00	34.60 -1.03 0.00	31.21 -1.27 0.00	29.56 -1.46 0.00	29.09 -1.66 0.00	29.14 -1.70 0.00	30.39 -1.60 0.00	32.66 -1.61 0.00	38.33 -1.81 0.00	44.07 -2.17 0.00	54.00 -2.25 0.00	54.07 -1.96 0.00	47.18 -1.01 0.00	40.55 -1.13 0.00	38.47 -0.15 0.00
NEVERSink___HYD 23608	34.48 2.03 -1.15	35.24 2.03 -2.44	33.45 2.07 0.00	32.85 2.06 -0.07	34.63 2.10 -0.14	38.74 2.47 0.00	49.77 3.38 0.00	56.74 4.01 0.00	46.66 3.17 0.00	41.73 2.73 0.00	37.98 2.35 0.00	34.59 2.11 0.00	33.03 2.01 0.00	32.72 1.97 0.00	32.84 2.00 0.00	34.07 2.08 0.00	36.67 2.40 0.00	42.90 2.77 0.00	49.53 3.28 0.00	60.42 4.16 0.00	60.07 4.04 0.00	51.57 3.37 0.00	44.55 2.87 0.00	41.21 2.59 0.00
NEWKRMKL_115KV_TB1 55635	33.86 1.00 -1.57	35.07 0.98 -3.31	32.45 1.07 0.00	31.86 1.04 -0.09	33.71 1.13 -0.19	37.43 1.16 0.00	47.83 1.44 0.00	53.63 0.90 0.00	44.14 0.65 0.00	39.54 0.55 0.00	36.31 0.68 0.00	33.16 0.68 0.00	31.73 0.71 0.00	31.52 0.77 0.00	31.51 0.68 0.00	32.82 0.83 0.00	35.20 0.93 0.00	41.42 1.28 0.00	47.77 1.53 0.00	58.00 1.74 0.00	57.71 1.68 0.00	49.50 1.30 0.00	42.80 1.13 0.00	39.63 1.00 0.00
NEWTON___FALLS_HYD 23847	34.12 -1.03 -3.86	33.64 -0.98 -3.85	34.21 -1.00 -3.83	33.48 -1.01 -3.77	35.26 -1.07 -3.93	39.64 -0.94 -4.31	50.21 -1.39 -5.21	51.64 -1.48 -0.38	47.14 -1.30 -4.96	42.26 -1.29 -4.55	38.62 -1.25 -4.24	35.27 -1.14 -3.93	33.66 -1.15 -3.79	33.50 -1.01 -3.77	33.69 -0.93 -3.78	34.83 -1.06 -3.89	37.25 -1.13 -4.11	43.46 -1.32 -4.65	48.71 -1.39 -3.85	60.86 -1.52 -6.12	60.79 -1.34 -6.11	52.33 -1.25 -5.39	44.82 -0.96 -4.11	41.50 -0.93 -3.80
NGRID_A1_DSASP 323792	27.83 -3.66 -0.20	27.63 -3.57 -0.42	27.77 -3.61 0.00	27.30 -3.44 -0.01	28.69 -3.72 -0.02	32.21 -4.06 0.00	40.96 -5.43 0.00	46.46 -6.28 0.00	39.79 -3.70 0.00	35.76 -3.24 0.00	33.21 -2.42 0.00	30.01 -2.47 0.00	28.47 -2.54 0.00	28.01 -2.74 0.00	28.06 -2.77 0.00	29.24 -2.75 0.00	31.19 -3.08 0.00	36.08 -4.05 0.00	41.30 -4.95 0.00	50.80 -5.46 0.00	51.05 -4.99 0.00	44.68 -3.52 0.00	38.63 -3.04 0.00	36.50 -2.12 0.00
NGRID_A2_DSASP 323793	27.83 -3.66 -0.20	27.63 -3.57 -0.42	27.77 -3.61 0.00	27.30 -3.44 -0.01	28.69 -3.72 -0.02	32.21 -4.06 0.00	40.96 -5.43 0.00	46.46 -6.28 0.00	39.79 -3.70 0.00	35.76 -3.24 0.00	33.21 -2.42 0.00	30.01 -2.47 0.00	28.47 -2.54 0.00	28.01 -2.74 0.00	28.06 -2.77 0.00	29.24 -2.75 0.00	31.19 -3.08 0.00	36.08 -4.05 0.00	41.30 -4.95 0.00	50.80 -5.46 0.00	51.05 -4.99 0.00	44.68 -3.52 0.00	38.63 -3.04 0.00	36.50 -2.12 0.00
NGRID_A4_DSASP 323807	27.83 -3.66 -0.20	27.63 -3.57 -0.42	27.77 -3.61 0.00	27.30 -3.44 -0.01	28.69 -3.72 -0.02	32.21 -4.06 0.00	40.96 -5.43 0.00	46.46 -6.28 0.00	39.79 -3.70 0.00	35.76 -3.24 0.00	33.21 -2.42 0.00	30.01 -2.47 0.00	28.47 -2.54 0.00	28.01 -2.74 0.00	28.06 -2.77 0.00	29.24 -2.75 0.00	31.19 -3.08 0.00	36.08 -4.05 0.00	41.30 -4.95 0.00	50.80 -5.46 0.00	51.05 -4.99 0.00	44.68 -3.52 0.00	38.63 -3.04 0.00	36.50 -2.12 0.00
NIAGARA_115E_LBMP 323715	27.68 -3.82 -0.20	27.47 -3.72 -0.42	27.68 -3.70 0.00	27.18 -3.56 -0.01	28.56 -3.86 -0.02	32.10 -4.17 0.00	40.87 -5.52 0.00	46.35 -6.38 0.00	39.71 -3.78 0.00	35.64 -3.35 0.00	33.07 -2.57 0.00	29.88 -2.60 0.00	28.35 -2.67 0.00	27.92 -2.83 0.00	27.93 -2.90 0.00	29.11 -2.88 0.00	31.05 -3.22 0.00	36.00 -4.13 0.00	41.16 -5.09 0.00	50.68 -5.57 0.00	50.99 -5.04 0.00	44.58 -3.62 0.00	38.50 -3.17 0.00	36.38 -2.24 0.00
NIAGARA_115W_LBMP 323714	27.74 -3.76 -0.20	27.56 -3.63 -0.42	27.68 -3.70 0.00	27.21 -3.53 -0.01	28.63 -3.79 -0.02	32.10 -4.17 0.00	40.82 -5.57 0.00	46.30 -6.44 0.00	39.66 -3.83 0.00	35.60 -3.39 0.00	33.10 -2.53 0.00	29.91 -2.57 0.00	28.38 -2.64 0.00	27.92 -2.83 0.00	27.97 -2.87 0.00	29.14 -2.85 0.00	31.09 -3.19 0.00	35.96 -4.17 0.00	41.16 -5.09 0.00	50.63 -5.62 0.00	50.88 -5.15 0.00	44.53 -3.66 0.00	38.46 -3.21 0.00	36.38 -2.24 0.00
NIAGARA_230_LBMP 323716	28.08 -3.41 -0.20	27.84 -3.35 -0.42	28.02 -3.36 0.00	27.54 -3.20 -0.01	28.98 -3.43 -0.02	32.50 -3.77 0.00	41.33 -5.06 0.00	46.93 -5.80 0.00	40.10 -3.39 0.00	35.99 -3.00 0.00	33.42 -2.21 0.00	30.21 -2.27 0.00	28.66 -2.36 0.00	28.23 -2.52 0.00	28.24 -2.59 0.00	29.43 -2.56 0.00	31.43 -2.84 0.00	36.40 -3.73 0.00	41.62 -4.62 0.00	51.25 -5.01 0.00	51.50 -4.54 0.00	45.01 -3.18 0.00	38.88 -2.79 0.00	36.73 -1.89 0.00
NIAGARA___115KV_198_GIBSON 55903	27.74 -3.76 -0.20	27.56 -3.63 -0.42	27.68 -3.70 0.00	27.08 -3.66 -0.01	28.59 -3.82 -0.02	32.10 -4.17 0.00	40.82 -5.57 0.00	46.41 -6.33 0.00	39.66 -3.83 0.00	35.84 -3.16 0.00	33.10 -2.53 0.00	29.91 -2.57 0.00	28.38 -2.64 0.00	27.92 -2.83 0.00	27.97 -2.87 0.00	29.14 -2.85 0.00	31.12 -3.15 0.00	36.24 -3.89 0.00	41.58 -4.67 0.00	50.80 -5.46 0.00	50.82 -5.21 0.00	44.68 -3.52 0.00	38.42 -3.25 0.00	36.38 -2.24 0.00
NIAGARA___ 23760	28.08 -3.41 -0.20	27.84 -3.35 -0.42	28.02 -3.36 0.00	27.54 -3.20 -0.01	28.98 -3.43 -0.02	32.50 -3.77 0.00	41.33 -5.06 0.00	46.93 -5.80 0.00	40.10 -3.39 0.00	35.99 -3.00 0.00	33.42 -2.21 0.00	30.21 -2.27 0.00	28.66 -2.36 0.00	28.23 -2.52 0.00	28.24 -2.59 0.00	29.43 -2.56 0.00	31.43 -2.84 0.00	36.40 -3.73 0.00	41.62 -4.62 0.00	51.25 -5.01 0.00	51.50 -4.54 0.00	45.01 -3.18 0.00	38.88 -2.79 0.00	36.73 -1.89 0.00
NINE_MILE_1 23575	30.44 -0.94 -0.08	30.05 -0.89 -0.17	30.44 -0.94 0.00	29.81 -0.92 0.00	31.43 -0.97 -0.01	35.19 -1.09 0.00	44.90 -1.49 0.00	51.05 -1.69 0.00	42.23 -1.26 0.00	37.86 -1.13 0.00	34.64 -1.00 0.00	31.57 -0.91 0.00	30.15 -0.87 0.00	29.86 -0.89 0.00	29.91 -0.92 0.00	31.06 -0.93 0.00	33.21 -1.06 0.00	38.85 -1.29 0.00	44.72 -1.53 0.00	54.57 -1.69 0.00	54.41 -1.63 0.00	46.75 -1.44 0.00	40.38 -1.29 0.00	37.46 -1.16 0.00
NINE_MILE_2 23744	30.47 -0.91 -0.08	30.04 -0.89 -0.17	30.44 -0.94 0.00	29.81 -0.92 0.00	31.43 -0.97 -0.01	35.19 -1.09 0.00	44.90 -1.49 0.00	51.05 -1.69 0.00	42.23 -1.26 0.00	37.86 -1.13 0.00	34.64 -1.00 0.00	31.57 -0.91 0.00	30.15 -0.87 0.00	29.86 -0.89 0.00	29.91 -0.92 0.00	31.06 -0.93 0.00	33.21 -1.06 0.00	38.85 -1.29 0.00	44.72 -1.53 0.00	54.57 -1.69 0.00	54.41 -1.63 0.00	46.80 -1.40 0.00	40.38 -1.29 0.00	37.46 -1.16 0.00
NM_CAPITAL___DRP 24208	33.98 1.13 -1.56	35.21 1.14 -3.30	32.57 1.19 0.00	31.98 1.17 -0.09	33.81 1.23 -0.19	37.58 1.31 0.00	48.06 1.67 0.00	53.74 1.00 0.00	44.23 0.74 0.00	39.66 0.66 0.00	36.38 0.75 0.00	33.19 0.71 0.00	31.79 0.78 0.00	31.58 0.83 0.00	31.57 0.74 0.00	32.85 0.86 0.00	35.23 0.96 0.00	41.62 1.48 0.00	47.96 1.71 0.00	58.22 1.97 0.00	57.88 1.85 0.00	49.69 1.49 0.00	42.96 1.29 0.00	39.74 1.12 0.00

NM_CENTRAL___DRP 24181	31.10 -0.31 -0.11	30.70 -0.31 -0.24	31.07 -0.31 0.00	30.40 -0.34 -0.01	32.08 -0.32 -0.01	35.95 -0.33 0.00	46.02 -0.37 0.00	52.37 -0.37 0.00	43.32 -0.17 0.00	38.92 -0.08 0.00	35.56 -0.07 0.00	32.41 -0.06 0.00	30.92 -0.09 0.00	30.63 -0.12 0.00	30.68 -0.15 0.00	31.86 -0.13 0.00	34.07 -0.21 0.00	39.81 -0.32 0.00	45.88 -0.37 0.00	55.97 -0.28 0.00	55.75 -0.28 0.00	47.95 -0.24 0.00	41.30 -0.38 0.00	38.35 -0.27 0.00
NM_FRONTIER___DRP 24179	27.74 -3.76 -0.20	27.56 -3.63 -0.42	27.68 -3.70 0.00	27.08 -3.66 -0.01	28.59 -3.82 -0.02	32.10 -4.17 0.00	40.82 -5.57 0.00	46.41 -6.33 0.00	39.66 -3.83 0.00	35.84 -3.16 0.00	33.10 -2.53 0.00	29.91 -2.57 0.00	28.38 -2.64 0.00	27.92 -2.83 0.00	27.97 -2.87 0.00	29.14 -2.85 0.00	31.12 -3.15 0.00	36.24 -3.89 0.00	41.58 -4.67 0.00	50.80 -5.46 0.00	50.82 -5.21 0.00	44.68 -3.52 0.00	38.42 -3.25 0.00	36.38 -2.24 0.00
NM_ST_REGIS___HYD 24053	39.27 -1.47 -9.44	38.64 -1.45 -9.32	39.36 -1.47 -9.46	38.57 -1.44 -9.29	40.53 -1.55 -9.69	45.27 -1.63 -10.63	56.85 -2.41 -12.87	55.12 -2.64 -5.02	53.64 -2.09 -12.23	48.31 -1.91 -11.23	44.31 -1.78 -10.46	40.48 -1.69 -9.69	38.78 -1.58 -9.35	38.64 -1.41 -9.30	38.84 -1.33 -9.33	40.06 -1.54 -9.61	42.77 -1.65 -10.14	49.69 -1.93 -11.48	54.40 -2.36 -10.51	68.55 -2.81 -15.10	68.41 -2.69 -15.07	59.13 -2.36 -13.30	50.19 -1.63 -10.14	46.54 -1.47 -9.39
NORTHPORT___1 23551	35.67 3.00 -1.37	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.30 2.75 -0.15	39.54 3.27 0.00	51.08 4.55 -0.14	58.18 4.96 -0.49	47.89 3.83 -0.57	43.04 3.39 -0.66	39.26 2.89 -0.75	36.11 2.73 -0.90	34.65 2.70 -0.94	34.38 2.67 -0.96	34.44 2.65 -0.96	35.57 2.65 -0.93	38.09 2.98 -0.84	44.35 3.61 -0.61	50.86 4.35 -0.26	61.43 5.17 0.00	62.02 4.87 -1.12	52.50 4.15 -0.16	45.52 3.50 -0.34	41.76 2.97 -0.16
NORTHPORT___2 23552	35.67 3.00 -1.37	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.30 2.75 -0.15	39.54 3.27 0.00	51.08 4.55 -0.14	58.18 4.96 -0.49	47.89 3.83 -0.57	43.04 3.39 -0.66	39.26 2.89 -0.75	36.11 2.73 -0.90	34.65 2.70 -0.94	34.38 2.67 -0.96	34.44 2.65 -0.96	35.57 2.65 -0.93	38.09 2.98 -0.84	44.35 3.61 -0.61	50.86 4.35 -0.26	61.43 5.17 0.00	62.02 4.87 -1.12	52.50 4.15 -0.16	45.52 3.50 -0.34	41.76 2.97 -0.16
NORTHPORT___3 23553	35.86 3.19 -1.37	36.38 2.89 -2.71	34.33 2.95 0.00	33.69 2.89 -0.07	35.49 2.95 -0.15	39.76 3.48 0.00	50.57 4.03 -0.15	57.82 4.59 -0.50	47.55 3.48 -0.58	43.49 3.82 -0.67	39.78 3.39 -0.76	36.52 3.12 -0.92	34.98 3.01 -0.96	34.70 2.98 -0.97	34.83 3.02 -0.98	36.01 3.07 -0.94	38.55 3.43 -0.86	44.36 3.61 -0.62	50.50 3.98 -0.27	60.81 4.55 0.00	61.54 4.37 -1.14	52.16 3.81 -0.16	45.40 3.37 -0.35	42.26 3.48 -0.16
NORTHPORT___4 23650	35.86 3.19 -1.37	36.38 2.89 -2.71	34.33 2.95 0.00	33.69 2.89 -0.07	35.49 2.95 -0.15	39.76 3.48 0.00	50.57 4.03 -0.15	57.82 4.59 -0.50	47.55 3.48 -0.58	43.49 3.82 -0.67	39.78 3.39 -0.76	36.52 3.12 -0.92	34.98 3.01 -0.96	34.70 2.98 -0.97	34.83 3.02 -0.98	36.01 3.07 -0.94	38.55 3.43 -0.86	44.36 3.61 -0.62	50.50 3.98 -0.27	60.81 4.55 0.00	61.54 4.37 -1.14	52.16 3.81 -0.16	45.40 3.37 -0.35	42.26 3.48 -0.16
NORTHPORT___IC 23718	35.67 3.00 -1.37	36.19 2.71 -2.71	34.17 2.79 0.00	33.50 2.70 -0.07	35.27 2.72 -0.15	39.54 3.26 0.00	51.08 4.55 -0.14	58.29 5.06 -0.49	47.89 3.83 -0.57	43.05 3.39 -0.66	39.26 2.89 -0.75	36.11 2.73 -0.90	34.62 2.67 -0.94	34.38 2.68 -0.96	34.44 2.65 -0.96	35.64 2.72 -0.93	38.09 2.98 -0.84	44.59 3.85 -0.61	50.95 4.44 -0.26	61.37 5.12 0.00	62.03 4.87 -1.12	52.50 4.14 -0.16	45.72 3.71 -0.34	41.87 3.09 -0.16
NORTH___COUNTRY_ESR 323785	-9.78 -1.69 39.38	-9.74 -1.66 38.85	-9.78 -1.73 39.44	-9.73 -1.72 38.74	-9.82 -1.78 40.43	-10.00 -1.96 44.31	-10.00 -2.69 53.70	-10.00 -3.00 59.73	-10.00 -2.48 51.01	-10.00 -2.18 46.81	-10.00 -2.03 43.60	-9.88 -1.92 40.45	-9.78 -1.80 38.99	-9.77 -1.72 38.79	-9.77 -1.70 38.91	-9.86 -1.79 40.06	-9.95 -1.92 42.30	-10.00 -2.25 47.89	-10.00 -2.68 53.56	-10.00 -3.26 62.99	-10.00 -3.19 62.84	-10.00 -2.75 55.45	-2.74 -2.12 42.29	-2.46 -1.93 39.15
NPX_GEN_1385_PROXY 323591	35.67 3.00 -1.37	36.19 2.71 -2.71	34.17 2.79 0.00	33.53 2.73 -0.07	35.30 2.75 -0.15	39.54 3.27 0.00	50.85 4.31 -0.14	57.03 3.80 -0.49	47.19 3.13 -0.57	42.15 2.50 -0.66	38.48 2.10 -0.75	35.39 2.01 -0.90	34.28 2.33 -0.94	34.04 2.34 -0.96	33.89 2.10 -0.96	34.15 1.92 -0.24	36.34 2.20 0.13	43.47 2.73 -0.61	50.31 3.79 -0.26	60.42 4.16 0.00	60.50 3.59 -0.88	51.48 3.13 -0.16	44.60 2.58 -0.34	40.83 2.05 -0.16
NPX_GEN_CSC 323557	35.74 3.07 -1.37	36.22 2.74 -2.71	34.24 2.86 0.00	33.60 2.80 -0.07	35.30 2.75 -0.15	39.61 3.34 0.00	51.27 4.73 -0.15	58.56 5.32 -0.50	47.76 3.69 -0.58	42.90 3.23 -0.67	38.78 2.39 -0.76	35.93 2.54 -0.92	34.42 2.45 -0.96	34.18 2.46 -0.97	34.31 2.50 -0.98	35.27 2.33 -0.94	37.77 2.64 -0.86	44.28 3.53 -0.62	50.91 4.40 -0.27	61.60 5.35 0.00	61.88 4.71 -1.14	52.41 4.05 -0.16	45.56 3.54 -0.35	41.26 2.47 -0.16
NSINS_S___GLNS_FALLS 23858	35.22 2.32 -1.61	36.45 2.28 -3.40	33.73 2.35 0.00	33.15 2.34 -0.09	35.14 2.56 -0.19	39.28 3.01 0.00	50.52 4.13 0.00	57.22 4.48 0.00	47.10 3.61 0.00	42.08 3.08 0.00	38.38 2.74 0.00	34.98 2.50 0.00	33.40 2.39 0.00	33.24 2.49 0.00	33.08 2.25 0.00	34.45 2.46 0.00	37.05 2.78 0.00	43.55 3.41 0.00	49.72 3.47 0.00	60.53 4.28 0.00	60.29 4.26 0.00	51.52 3.33 0.00	44.46 2.79 0.00	41.09 2.47 0.00
NUCOR_STEEL___DRP 24197	31.36 -0.09 -0.16	31.04 -0.06 -0.33	31.32 -0.06 0.00	30.64 -0.09 -0.01	32.35 -0.06 -0.02	36.31 0.04 0.00	46.53 0.14 0.00	52.84 0.11 0.00	43.75 0.26 0.00	39.27 0.27 0.00	35.85 0.21 0.00	32.64 0.16 0.00	31.14 0.12 0.00	30.81 0.06 0.00	30.86 0.03 0.00	32.09 0.10 0.00	34.31 0.03 0.00	40.17 0.04 0.00	46.34 0.09 0.00	56.59 0.34 0.00	56.42 0.39 0.00	48.48 0.29 0.00	41.76 0.08 0.00	38.82 0.19 0.00
NUMBER_THREE_WT_PWR 323818	32.74 -0.28 -1.72	32.28 -0.25 -1.75	32.84 -0.22 -1.68	32.10 -0.28 -1.65	33.86 -0.26 -1.72	38.19 0.04 -1.88	48.76 0.09 -2.28	53.46 0.21 -0.51	45.66 0.00 -2.17	40.79 -0.19 -1.99	37.24 -0.25 -1.85	33.94 -0.26 -1.72	32.33 -0.34 -1.66	32.09 -0.31 -1.65	32.27 -0.21 -1.65	33.44 -0.26 -1.70	35.87 -0.20 -1.80	41.97 -0.20 -2.04	48.02 0.00 -1.77	59.33 0.40 -2.68	59.21 0.50 -2.67	50.84 0.29 -2.36	43.60 0.13 -1.80	40.33 0.04 -1.66
NYISO_LBMP_REFERENCE 24008	31.30 0.00 0.00	30.77 0.00 0.00	31.38 0.00 0.00	30.73 0.00 0.00	32.39 0.00 0.00	36.27 0.00 0.00	46.39 0.00 0.00	52.74 0.00 0.00	43.49 0.00 0.00	39.00 0.00 0.00	35.63 0.00 0.00	32.48 0.00 0.00	31.01 0.00 0.00	30.75 0.00 0.00	30.83 0.00 0.00	31.99 0.00 0.00	34.27 0.00 0.00	40.13 0.00 0.00	46.25 0.00 0.00	56.25 0.00 0.00	56.03 0.00 0.00	48.20 0.00 0.00	41.67 0.00 0.00	38.62 0.00 0.00

NYPA_BRENTWD____GT 24164	35.99 3.32 -1.38	36.50 3.02 -2.71	34.49 3.11 0.00	33.81 3.01 -0.07	35.59 3.04 -0.15	39.90 3.63 0.00	51.60 5.06 -0.15	58.95 5.70 -0.52	48.43 4.35 -0.59	43.55 3.86 -0.69	39.69 3.28 -0.78	36.51 3.09 -0.94	35.00 3.01 -0.98	34.73 2.98 -1.00	34.83 2.99 -1.00	36.00 3.04 -0.97	38.51 3.36 -0.88	44.86 4.10 -0.63	51.52 5.00 -0.28	62.28 6.02 0.00	62.92 5.72 -1.17	53.18 4.82 -0.17	46.12 4.09 -0.36	42.23 3.44 -0.17
NYPA_GOWANUS____GT5 24156	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NYPA_GOWANUS____GT6 24157	49.82 2.97 -15.55	40.66 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.69 3.08 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.20 4.26 -16.44	60.38 3.86 -17.52	58.76 3.42 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.28 3.02 -25.42	59.81 3.10 -24.71	61.38 3.46 -23.65	87.84 4.05 -43.66	94.04 4.76 -43.03	106.65 5.68 -44.72	90.18 5.55 -28.60	60.42 4.73 -7.50	53.70 3.92 -8.11	52.12 3.48 -10.02
NYPA_HARLEM__RVR__GT1 24160	37.02 2.82 -2.91	36.26 2.77 -2.72	34.18 2.79 -0.01	33.58 2.77 -0.08	35.40 2.85 -0.16	39.47 3.19 -0.01	54.30 4.27 -3.64	69.78 4.91 -12.14	61.31 3.87 -13.95	58.62 3.51 -16.11	57.01 3.14 -18.24	57.38 2.89 -22.02	56.77 2.79 -22.97	56.87 2.77 -23.35	57.07 2.81 -23.43	57.46 2.85 -22.62	58.01 3.19 -20.55	58.28 3.69 -14.46	56.75 4.30 -6.20	61.43 5.17 -0.01	88.30 4.99 -27.28	56.45 4.24 -4.02	53.36 3.58 -8.11	45.90 3.20 -4.07
NYPA_HARLEM__RVR__GT2 24161	37.02 2.82 -2.91	36.26 2.77 -2.72	34.18 2.79 -0.01	33.58 2.77 -0.08	35.40 2.85 -0.16	39.47 3.19 -0.01	54.30 4.27 -3.64	69.78 4.91 -12.14	61.31 3.87 -13.95	58.62 3.51 -16.11	57.01 3.14 -18.24	57.38 2.89 -22.02	56.77 2.79 -22.97	56.87 2.77 -23.35	57.07 2.81 -23.43	57.46 2.85 -22.62	58.01 3.19 -20.55	58.28 3.69 -14.46	56.75 4.30 -6.20	61.43 5.17 -0.01	88.30 4.99 -27.28	56.45 4.24 -4.02	53.36 3.58 -8.11	45.90 3.20 -4.07
NYPA_KENT____GT 24152	44.83 2.94 -10.59	38.88 2.95 -5.15	44.59 2.95 -10.26	44.39 2.92 -10.74	41.15 3.04 -5.71	46.41 3.41 -6.73	54.63 4.59 -3.65	70.21 5.32 -12.15	63.94 4.18 -16.27	60.20 3.78 -17.42	58.59 3.35 -19.61	59.60 3.09 -24.03	59.03 2.95 -25.07	59.06 2.92 -25.39	59.08 2.96 -25.28	59.60 3.04 -24.57	61.10 3.39 -23.43	85.76 3.97 -41.65	91.42 4.67 -40.50	103.47 5.57 -41.65	89.98 5.43 -28.51	60.08 4.63 -7.26	53.62 3.83 -8.11	51.67 3.44 -9.61
NYPA_POUCH1____GT 24155	49.69 2.85 -15.55	40.59 2.95 -6.87	50.96 2.86 -1.88	50.98 2.80 -2.03	44.53 2.92 -1.17	50.51 3.27 -1.23	54.45 4.41 -3.65	70.06 5.17 -12.15	63.93 4.00 -16.44	60.14 3.63 -17.52	58.55 3.21 -19.71	59.61 2.96 -24.18	59.06 2.82 -25.22	59.09 2.80 -25.54	59.12 2.87 -25.42	59.61 2.91 -24.71	61.21 3.29 -23.65	87.64 3.85 -43.66	93.81 4.53 -43.03	106.43 5.46 -44.72	89.90 5.27 -28.60	60.18 4.48 -7.50	53.49 3.71 -8.11	51.92 3.28 -10.02
NYPA_VERNON____GT2 24162	39.84 2.91 -5.63	37.07 2.86 -3.44	38.10 2.92 -3.80	37.64 2.89 -4.02	37.58 2.98 -2.21	42.10 3.34 -2.49	54.54 4.50 -3.65	70.06 5.17 -12.15	63.68 4.09 -16.10	60.03 3.71 -17.33	58.46 3.31 -19.51	59.38 3.02 -23.88	58.84 2.91 -24.91	58.88 2.89 -25.24	58.91 2.93 -25.15	59.42 3.01 -24.43	60.82 3.32 -23.22	83.67 3.89 -39.65	88.80 4.58 -37.97	100.28 5.46 -38.57	89.72 5.27 -28.42	59.75 4.53 -7.02	53.58 3.79 -8.11	51.18 3.36 -9.20
NYPA_VERNON____GT3 24163	39.84 2.91 -5.63	37.07 2.86 -3.44	38.10 2.92 -3.80	37.64 2.89 -4.02	37.58 2.98 -2.21	42.10 3.34 -2.49	54.54 4.50 -3.65	70.06 5.17 -12.15	63.68 4.09 -16.10	60.03 3.71 -17.33	58.46 3.31 -19.51	59.38 3.02 -23.88	58.84 2.91 -24.91	58.88 2.89 -25.24	58.91 2.93 -25.15	59.42 3.01 -24.43	60.82 3.32 -23.22	83.67 3.89 -39.65	88.80 4.58 -37.97	100.28 5.46 -38.57	89.72 5.27 -28.42	59.75 4.53 -7.02	53.58 3.79 -8.11	51.18 3.36 -9.20
NYPA__ASTORIA_CC1 323568	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.64 2.89 -2.03	36.54 2.98 -1.17	40.84 3.34 -1.23	54.49 4.45 -3.65	70.06 5.17 -12.15	63.98 4.05 -16.44	60.18 3.66 -17.52	58.62 3.28 -19.71	59.68 3.02 -24.18	59.15 2.91 -25.22	59.15 2.86 -25.54	59.15 2.90 -25.42	59.68 2.98 -24.71	61.21 3.29 -23.65	87.65 3.85 -43.66	93.82 4.53 -43.04	106.39 5.40 -44.73	89.85 5.21 -28.60	60.18 4.48 -7.50	53.54 3.75 -8.11	52.00 3.36 -10.02
NYPA__ASTORIA_CC2 323569	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.64 2.89 -2.03	36.54 2.98 -1.17	40.84 3.34 -1.23	54.49 4.45 -3.65	70.06 5.17 -12.15	63.98 4.05 -16.44	60.18 3.66 -17.52	58.62 3.28 -19.71	59.68 3.02 -24.18	59.15 2.91 -25.22	59.15 2.86 -25.54	59.15 2.90 -25.42	59.68 2.98 -24.71	61.21 3.29 -23.65	87.65 3.85 -43.66	93.82 4.53 -43.04	106.39 5.40 -44.73	89.85 5.21 -28.60	60.18 4.48 -7.50	53.54 3.75 -8.11	52.00 3.36 -10.02
NYPA__HOLTSVILL 23794	35.80 3.13 -1.37	36.28 2.80 -2.71	34.30 2.92 0.00	33.63 2.83 -0.07	35.36 2.82 -0.15	39.68 3.41 0.00	51.31 4.78 -0.14	58.56 5.32 -0.50	48.03 3.96 -0.58	43.21 3.55 -0.67	39.28 2.89 -0.76	36.22 2.82 -0.92	34.70 2.73 -0.96	34.46 2.74 -0.97	34.55 2.74 -0.98	35.65 2.72 -0.94	38.14 3.02 -0.85	44.52 3.77 -0.62	51.14 4.62 -0.27	61.77 5.52 0.00	62.32 5.15 -1.14	52.74 4.39 -0.16	45.77 3.75 -0.35	41.80 3.01 -0.16
NYPA__HELLGATE_GT1 24158	37.02 2.82 -2.91	36.26 2.77 -2.72	34.18 2.79 -0.01	33.58 2.77 -0.08	35.40 2.85 -0.16	39.47 3.19 -0.01	54.30 4.27 -3.64	69.83 4.96 -12.14	61.36 3.92 -13.95	58.66 3.55 -16.11	57.05 3.17 -18.24	57.38 2.89 -22.02	56.77 2.79 -22.97	56.87 2.77 -23.35	57.07 2.81 -23.43	57.46 2.85 -22.62	58.01 3.19 -20.55	58.32 3.73 -14.46	56.79 4.35 -6.20	61.43 5.17 -0.01	88.30 4.99 -27.28	56.50 4.29 -4.02	53.36 3.58 -8.11	45.90 3.20 -4.07
NYPA__HELLGATE_GT2 24159	37.02 2.82 -2.91	36.26 2.77 -2.72	34.18 2.79 -0.01	33.58 2.77 -0.08	35.40 2.85 -0.16	39.47 3.19 -0.01	54.30 4.27 -3.64	69.83 4.96 -12.14	61.36 3.92 -13.95	58.66 3.55 -16.11	57.05 3.17 -18.24	57.38 2.89 -22.02	56.77 2.79 -22.97	56.87 2.77 -23.35	57.07 2.81 -23.43	57.46 2.85 -22.62	58.01 3.19 -20.55	58.32 3.73 -14.46	56.79 4.35 -6.20	61.43 5.17 -0.01	88.30 4.99 -27.28	56.50 4.29 -4.02	53.36 3.58 -8.11	45.90 3.20 -4.07
NYS_BARGE__HYD 23848	28.11 -3.38 -0.19	27.89 -3.29 -0.41	28.15 -3.23 0.00	27.64 -3.10 -0.01	29.05 -3.37 -0.02	32.68 -3.59 0.00	41.66 -4.73 0.00	47.36 -5.38 0.00	40.45 -3.05 0.00	36.31 -2.69 0.00	33.71 -1.92 0.00	30.43 -2.05 0.00	28.87 -2.14 0.00	28.41 -2.34 0.00	28.43 -2.41 0.00	29.66 -2.33 0.00	31.60 -2.67 0.00	36.68 -3.45 0.00	41.95 -4.30 0.00	51.70 -4.55 0.00	52.06 -3.98 0.00	45.40 -2.80 0.00	39.21 -2.46 0.00	37.04 -1.59 0.00

OAK ORCHARD___HYD 24046	30.14 -1.31 -0.16	29.81 -1.29 -0.33	29.91 -1.47 0.00	29.32 -1.41 -0.01	30.92 -1.49 -0.02	34.68 -1.60 0.00	44.30 -2.09 0.00	50.52 -2.21 0.00	42.36 -1.13 0.00	38.06 -0.94 0.00	35.06 -0.57 0.00	31.80 -0.68 0.00	30.27 -0.74 0.00	29.86 -0.89 0.00	29.91 -0.92 0.00	31.13 -0.86 0.00	33.17 -1.10 0.00	38.69 -1.44 0.00	44.35 -1.90 0.00	54.57 -1.69 0.00	54.69 -1.35 0.00	47.18 -1.01 0.00	40.63 -1.04 0.00	38.00 -0.62 0.00
OAKDALE___35_KV_LOAD 356122	31.45 -0.25 -0.41	31.36 -0.28 -0.86	31.29 -0.09 0.00	30.63 -0.12 -0.02	32.25 -0.19 -0.05	36.27 0.00 0.00	46.48 0.09 0.00	52.95 0.21 0.00	43.93 0.43 0.00	39.35 0.35 0.00	35.95 0.32 0.00	32.67 0.19 0.00	31.11 0.09 0.00	30.78 0.03 0.00	30.86 0.03 0.00	32.09 0.10 0.00	34.41 0.14 0.00	40.29 0.16 0.00	46.43 0.18 0.00	56.59 0.34 0.00	56.42 0.39 0.00	48.63 0.43 0.00	41.88 0.21 0.00	39.01 0.39 0.00
OCC_CHEM___DRP 24175	27.83 -3.66 -0.20	27.63 -3.57 -0.42	27.77 -3.61 0.00	27.14 -3.60 -0.01	28.66 -3.76 -0.02	32.21 -4.06 0.00	40.96 -5.43 0.00	46.57 -6.17 0.00	39.79 -3.70 0.00	35.99 -3.00 0.00	33.21 -2.42 0.00	30.01 -2.47 0.00	28.47 -2.54 0.00	28.01 -2.74 0.00	28.06 -2.78 0.00	29.24 -2.75 0.00	31.22 -3.05 0.00	36.36 -3.77 0.00	41.67 -4.58 0.00	50.97 -5.29 0.00	51.05 -4.99 0.00	44.82 -3.37 0.00	38.55 -3.13 0.00	36.50 -2.12 0.00
OH_GEN_PROXY 24063	28.15 -3.35 -0.20	27.90 -3.29 -0.42	28.09 -3.29 0.00	27.60 -3.13 -0.01	29.05 -3.37 -0.02	32.61 -3.66 0.00	41.47 -4.92 0.00	47.09 -5.64 0.00	40.23 -3.26 0.00	36.07 -2.93 0.00	33.50 -2.14 0.00	30.27 -2.21 0.00	28.72 -2.29 0.00	28.29 -2.46 0.00	28.31 -2.53 0.00	29.50 -2.50 0.00	31.50 -2.77 0.00	36.48 -3.65 0.00	41.76 -4.49 0.00	51.42 -4.84 0.00	51.66 -4.37 0.00	45.11 -3.09 0.00	38.96 -2.71 0.00	36.81 -1.81 0.00
OLIN_CORP_DRP 24177	27.74 -3.76 -0.20	27.54 -3.66 -0.42	27.74 -3.64 0.00	27.11 -3.63 -0.01	28.59 -3.82 -0.02	32.17 -4.10 0.00	40.96 -5.43 0.00	46.62 -6.12 0.00	39.79 -3.70 0.00	35.95 -3.04 0.00	33.17 -2.46 0.00	29.98 -2.50 0.00	28.44 -2.57 0.00	27.98 -2.77 0.00	28.00 -2.84 0.00	29.21 -2.78 0.00	31.19 -3.08 0.00	36.36 -3.77 0.00	41.67 -4.58 0.00	50.97 -5.29 0.00	51.05 -4.99 0.00	44.82 -3.37 0.00	38.51 -3.17 0.00	36.46 -2.16 0.00
OLIN_CORP_DSASP 323712	27.83 -3.66 -0.20	27.63 -3.57 -0.42	27.77 -3.61 0.00	27.30 -3.44 -0.01	28.69 -3.72 -0.02	32.21 -4.06 0.00	40.96 -5.43 0.00	46.46 -6.28 0.00	39.79 -3.70 0.00	35.76 -3.24 0.00	33.21 -2.42 0.00	30.01 -2.47 0.00	28.47 -2.54 0.00	28.01 -2.74 0.00	28.06 -2.77 0.00	29.24 -2.75 0.00	31.19 -3.08 0.00	36.08 -4.05 0.00	41.30 -4.95 0.00	50.80 -5.46 0.00	51.05 -4.99 0.00	44.68 -3.52 0.00	38.63 -3.04 0.00	36.50 -2.12 0.00
ONEIDA_HERK_LFGE 323681	32.44 0.31 -0.83	31.98 0.34 -0.87	32.55 0.38 -0.79	31.82 0.31 -0.78	33.57 0.36 -0.82	37.82 0.65 -0.89	48.40 0.93 -1.08	54.55 1.16 -0.66	45.34 0.82 -1.02	40.60 0.66 -0.94	37.04 0.54 -0.88	33.81 0.52 -0.81	32.20 0.40 -0.78	31.93 0.40 -0.78	32.08 0.46 -0.78	33.28 0.48 -0.80	35.67 0.55 -0.85	41.70 0.60 -0.96	48.07 0.88 -0.94	58.82 1.29 -1.27	58.64 1.34 -1.26	50.37 1.06 -1.11	43.31 0.79 -0.85	40.10 0.70 -0.79
ONEIDA___115KV_TB4 55905	32.03 0.66 -0.08	31.58 0.65 -0.16	32.10 0.72 0.00	31.38 0.65 0.00	33.11 0.71 -0.01	37.29 1.02 0.00	47.83 1.44 0.00	54.48 1.74 0.00	44.88 1.39 0.00	40.13 1.13 0.00	36.67 1.03 0.00	33.42 0.94 0.00	31.82 0.81 0.00	31.55 0.80 0.00	31.67 0.83 0.00	32.89 0.90 0.00	35.27 0.99 0.00	41.22 1.08 0.00	47.68 1.43 0.00	58.17 1.91 0.00	57.99 1.96 0.00	49.83 1.64 0.00	42.88 1.21 0.00	39.74 1.12 0.00
ONONDAGA_REF_OCCRA 23987	31.22 -0.22 -0.14	30.85 -0.22 -0.30	31.19 -0.19 0.00	30.52 -0.22 -0.01	32.18 -0.23 -0.02	36.09 -0.18 0.00	46.20 -0.19 0.00	52.63 -0.11 0.00	43.53 0.04 0.00	39.04 0.04 0.00	35.70 0.07 0.00	32.51 0.03 0.00	31.01 0.00 0.00	30.72 -0.03 0.00	30.77 -0.06 0.00	31.96 -0.03 0.00	34.17 -0.10 0.00	39.97 -0.16 0.00	46.11 -0.14 0.00	56.20 -0.06 0.00	56.03 0.00 0.00	48.20 0.00 0.00	41.46 -0.21 0.00	38.51 -0.12 0.00
ONONDAGA___COGEN 23986	31.27 -0.16 -0.13	30.89 -0.15 -0.27	31.22 -0.16 0.00	30.55 -0.18 -0.01	32.21 -0.19 -0.02	36.13 -0.15 0.00	46.25 -0.14 0.00	52.63 -0.11 0.00	43.49 0.00 0.00	39.04 0.04 0.00	35.70 0.07 0.00	32.51 0.03 0.00	31.01 0.00 0.00	30.72 -0.03 0.00	30.77 -0.06 0.00	31.96 -0.03 0.00	34.17 -0.10 0.00	39.97 -0.16 0.00	46.06 -0.18 0.00	56.20 -0.06 0.00	55.98 -0.06 0.00	48.15 -0.05 0.00	41.46 -0.21 0.00	38.51 -0.12 0.00
ONTARIO___LFGE 23819	30.82 -0.66 -0.18	30.51 -0.65 -0.39	30.85 -0.53 0.00	30.25 -0.49 -0.01	31.83 -0.58 -0.02	35.91 -0.36 0.00	46.11 -0.28 0.00	52.37 -0.37 0.00	43.71 0.22 0.00	39.07 0.08 0.00	35.81 0.18 0.00	32.45 -0.03 0.00	30.86 -0.15 0.00	30.53 -0.21 0.00	30.56 -0.28 0.00	31.80 -0.19 0.00	34.03 -0.24 0.00	39.81 -0.32 0.00	45.88 -0.37 0.00	56.14 -0.11 0.00	56.26 0.23 0.00	48.54 0.34 0.00	41.67 0.00 0.00	38.97 0.35 0.00
ORANGEVILLE_WT_PWR 323706	28.12 -3.41 -0.24	27.92 -3.35 -0.50	28.31 -3.07 0.00	27.79 -2.95 -0.01	29.15 -3.27 -0.03	32.94 -3.34 0.00	42.12 -4.27 0.00	47.99 -4.75 0.00	40.66 -2.83 0.00	36.42 -2.57 0.00	33.57 -2.07 0.00	30.30 -2.18 0.00	28.72 -2.29 0.00	28.32 -2.43 0.00	28.34 -2.50 0.00	29.56 -2.43 0.00	31.60 -2.67 0.00	36.84 -3.29 0.00	42.41 -3.84 0.00	52.32 -3.94 0.00	53.01 -3.03 0.00	46.17 -2.02 0.00	39.84 -1.83 0.00	37.66 -0.96 0.00
ORANGEVILLE___ESR 323794	28.12 -3.41 -0.24	27.92 -3.35 -0.50	28.31 -3.07 0.00	27.79 -2.95 -0.01	29.15 -3.27 -0.03	32.94 -3.34 0.00	42.12 -4.27 0.00	47.99 -4.75 0.00	40.66 -2.83 0.00	36.42 -2.57 0.00	33.57 -2.07 0.00	30.30 -2.18 0.00	28.72 -2.29 0.00	28.32 -2.43 0.00	28.34 -2.50 0.00	29.56 -2.43 0.00	31.60 -2.67 0.00	36.84 -3.29 0.00	42.41 -3.84 0.00	52.32 -3.94 0.00	53.01 -3.03 0.00	46.17 -2.02 0.00	39.84 -1.83 0.00	37.66 -0.96 0.00
OSWEGATCHIE___HYD 24044	34.13 -1.03 -3.86	33.64 -0.99 -3.85	34.21 -1.01 -3.83	33.45 -1.04 -3.77	35.26 -1.07 -3.93	39.64 -0.94 -4.31	50.21 -1.39 -5.21	51.64 -1.48 -0.38	47.19 -1.26 -4.96	42.30 -1.25 -4.55	38.62 -1.25 -4.24	35.27 -1.14 -3.93	33.66 -1.15 -3.79	33.50 -1.01 -3.77	33.69 -0.92 -3.78	34.83 -1.05 -3.89	37.25 -1.13 -4.11	43.50 -1.29 -4.65	48.71 -1.39 -3.85	60.91 -1.46 -6.12	60.79 -1.35 -6.11	52.33 -1.25 -5.39	44.82 -0.96 -4.11	41.50 -0.93 -3.80
OSWEGO___5 23606	30.67 -0.72 -0.09	30.26 -0.71 -0.19	30.66 -0.72 0.00	30.03 -0.71 -0.01	31.66 -0.74 -0.01	35.44 -0.83 0.00	45.28 -1.11 0.00	51.47 -1.27 0.00	42.58 -0.92 0.00	38.18 -0.82 0.00	34.92 -0.71 0.00	31.83 -0.65 0.00	30.36 -0.65 0.00	30.07 -0.68 0.00	30.16 -0.68 0.00	31.29 -0.70 0.00	33.49 -0.79 0.00	39.17 -0.96 0.00	45.09 -1.15 0.00	55.02 -1.24 0.00	54.85 -1.18 0.00	47.18 -1.01 0.00	40.72 -0.96 0.00	37.77 -0.85 0.00

OSWEGO___6 23613	30.67 -0.72 -0.09	30.26 -0.71 -0.19	30.66 -0.72 0.00	30.03 -0.71 -0.01	31.66 -0.74 -0.01	35.44 -0.83 0.00	45.28 -1.11 0.00	51.47 -1.27 0.00	42.58 -0.92 0.00	38.18 -0.82 0.00	34.92 -0.71 0.00	31.83 -0.65 0.00	30.36 -0.65 0.00	30.07 -0.68 0.00	30.16 -0.68 0.00	31.29 -0.70 0.00	33.49 -0.79 0.00	39.17 -0.96 0.00	45.09 -1.15 0.00	55.02 -1.24 0.00	54.85 -1.18 0.00	47.18 -1.01 0.00	40.72 -0.96 0.00	37.77 -0.85 0.00
OUTOKUMPU-AB___DRP 24206	28.24 -3.25 -0.20	28.06 -3.14 -0.43	28.37 -3.01 0.00	27.73 -3.01 -0.01	29.11 -3.30 -0.02	32.94 -3.34 0.00	42.03 -4.36 0.00	47.83 -4.90 0.00	40.84 -2.65 0.00	36.93 -2.07 0.00	34.07 -1.57 0.00	30.76 -1.72 0.00	29.15 -1.86 0.00	28.69 -2.06 0.00	28.71 -2.13 0.00	29.91 -2.08 0.00	31.94 -2.33 0.00	37.32 -2.81 0.00	42.78 -3.47 0.00	52.37 -3.88 0.00	52.50 -3.53 0.00	46.03 -2.17 0.00	39.55 -2.13 0.00	37.39 -1.24 0.00
OXBOW___BTM 323836	27.99 -3.50 -0.20	27.81 -3.39 -0.43	28.02 -3.36 0.00	27.51 -3.23 -0.01	28.92 -3.50 -0.02	32.54 -3.74 0.00	41.43 -4.96 0.00	47.04 -5.70 0.00	40.27 -3.22 0.00	36.19 -2.81 0.00	33.60 -2.03 0.00	30.37 -2.11 0.00	28.78 -2.23 0.00	28.35 -2.40 0.00	28.37 -2.47 0.00	29.56 -2.43 0.00	31.50 -2.77 0.00	36.56 -3.57 0.00	41.81 -4.44 0.00	51.47 -4.78 0.00	51.77 -4.26 0.00	45.25 -2.94 0.00	39.09 -2.58 0.00	36.92 -1.70 0.00
OXBOW____ 24026	27.99 -3.51 -0.20	27.81 -3.39 -0.43	28.02 -3.36 0.00	27.39 -3.35 -0.01	28.85 -3.56 -0.02	32.54 -3.74 0.00	41.43 -4.96 0.00	47.15 -5.59 0.00	40.27 -3.22 0.00	36.42 -2.57 0.00	33.60 -2.03 0.00	30.37 -2.11 0.00	28.81 -2.20 0.00	28.35 -2.40 0.00	28.37 -2.47 0.00	29.56 -2.43 0.00	31.56 -2.71 0.00	36.84 -3.29 0.00	42.22 -4.02 0.00	51.64 -4.61 0.00	51.72 -4.31 0.00	45.40 -2.80 0.00	39.01 -2.67 0.00	36.92 -1.70 0.00
OXY_CHEM_DSASP 323612	27.83 -3.66 -0.20	27.63 -3.57 -0.42	27.77 -3.61 0.00	27.14 -3.60 -0.01	28.66 -3.76 -0.02	32.21 -4.06 0.00	40.96 -5.43 0.00	46.57 -6.17 0.00	39.79 -3.70 0.00	35.99 -3.00 0.00	33.21 -2.42 0.00	30.01 -2.47 0.00	28.47 -2.54 0.00	28.01 -2.74 0.00	28.06 -2.78 0.00	29.24 -2.75 0.00	31.22 -3.05 0.00	36.36 -3.77 0.00	41.67 -4.58 0.00	50.97 -5.29 0.00	51.05 -4.99 0.00	44.82 -3.37 0.00	38.55 -3.13 0.00	36.50 -2.12 0.00
OZONE_PARK_ESR 323760	37.23 3.04 -2.90	36.41 2.92 -2.71	34.36 2.98 0.00	33.72 2.92 -0.07	35.59 3.04 -0.15	39.68 3.41 0.00	54.03 4.64 -3.00	68.09 5.38 -9.97	59.25 4.31 -11.46	56.09 3.86 -13.23	54.03 3.42 -14.98	53.67 3.12 -18.08	52.88 3.01 -18.86	52.91 2.98 -19.18	53.09 3.02 -19.24	53.67 3.10 -18.57	54.60 3.46 -16.87	56.18 4.17 -11.87	56.15 4.81 -5.10	61.99 5.74 0.00	84.04 5.60 -22.40	56.22 4.72 -3.30	52.37 4.04 -6.66	45.49 3.51 -3.35
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	27.83 -3.66 -0.20	27.63 -3.57 -0.42	27.77 -3.61 0.00	27.14 -3.60 -0.01	28.66 -3.76 -0.02	32.21 -4.06 0.00	40.96 -5.43 0.00	46.57 -6.17 0.00	39.79 -3.70 0.00	35.99 -3.00 0.00	33.21 -2.42 0.00	30.01 -2.47 0.00	28.47 -2.54 0.00	28.01 -2.74 0.00	28.06 -2.78 0.00	29.24 -2.75 0.00	31.22 -3.05 0.00	36.36 -3.77 0.00	41.67 -4.58 0.00	50.97 -5.29 0.00	51.05 -4.99 0.00	44.82 -3.37 0.00	38.55 -3.13 0.00	36.50 -2.12 0.00
PACKARD___115KV_DUPONT_184 80571	27.83 -3.66 -0.20	27.63 -3.57 -0.42	27.77 -3.61 0.00	27.14 -3.60 -0.01	28.66 -3.76 -0.02	32.21 -4.06 0.00	40.96 -5.43 0.00	46.57 -6.17 0.00	39.79 -3.70 0.00	35.99 -3.00 0.00	33.21 -2.42 0.00	30.01 -2.47 0.00	28.47 -2.54 0.00	28.01 -2.74 0.00	28.06 -2.78 0.00	29.24 -2.75 0.00	31.22 -3.05 0.00	36.36 -3.77 0.00	41.67 -4.58 0.00	50.97 -5.29 0.00	51.05 -4.99 0.00	44.82 -3.37 0.00	38.55 -3.13 0.00	36.50 -2.12 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	36.99 2.79 -2.91	36.26 2.77 -2.72	34.18 2.79 -0.01	33.54 2.73 -0.08	35.40 2.85 -0.16	39.51 3.23 -0.01	54.36 4.31 -3.65	69.84 4.96 -12.15	61.40 3.96 -13.95	58.66 3.55 -16.11	57.01 3.14 -18.24	57.42 2.92 -22.02	56.77 2.79 -22.97	56.87 2.77 -23.35	57.07 2.81 -23.43	57.49 2.88 -22.62	58.04 3.22 -20.55	58.48 3.89 -14.46	56.89 4.44 -6.20	61.55 5.29 -0.01	88.42 5.10 -27.28	56.55 4.34 -4.02	53.49 3.71 -8.11	45.94 3.24 -4.07
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	37.15 2.94 -2.91	36.42 2.92 -2.72	34.37 2.98 -0.01	33.73 2.92 -0.08	35.56 3.01 -0.16	39.69 3.41 -0.01	54.59 4.55 -3.65	70.10 5.22 -12.15	61.66 4.22 -13.95	58.85 3.74 -16.11	57.16 3.28 -18.24	57.52 3.02 -22.02	56.86 2.88 -22.97	56.93 2.83 -23.35	57.13 2.87 -23.43	57.59 2.98 -22.62	58.14 3.32 -20.55	58.61 4.01 -14.46	57.03 4.58 -6.20	61.78 5.51 -0.01	88.64 5.32 -27.28	56.74 4.53 -4.02	53.66 3.88 -8.11	46.13 3.44 -4.07
PATROON___115KV_TB1 80586	33.93 1.06 -1.57	35.17 1.08 -3.32	32.54 1.16 0.00	31.95 1.14 -0.09	33.78 1.20 -0.19	37.51 1.23 0.00	47.97 1.58 0.00	53.79 1.05 0.00	44.27 0.78 0.00	39.70 0.70 0.00	36.42 0.78 0.00	33.26 0.78 0.00	31.82 0.81 0.00	31.61 0.86 0.00	31.60 0.77 0.00	32.92 0.93 0.00	35.30 1.03 0.00	41.58 1.44 0.00	47.91 1.66 0.00	58.17 1.91 0.00	57.88 1.85 0.00	49.64 1.45 0.00	42.92 1.25 0.00	39.74 1.12 0.00
PATTRSNVILLE___SOLAR 323815	35.18 2.16 -1.72	36.54 2.12 -3.64	33.58 2.20 0.00	33.01 2.18 -0.10	34.96 2.36 -0.20	39.00 2.72 0.00	50.05 3.66 0.00	56.80 4.06 0.00	46.41 2.91 0.00	41.22 2.22 0.00	37.38 1.75 0.00	34.04 1.56 0.00	32.50 1.49 0.00	32.29 1.54 0.00	32.34 1.51 0.00	33.65 1.66 0.00	36.16 1.88 0.00	42.70 2.57 0.00	49.81 3.56 0.00	60.92 4.67 0.00	60.68 4.65 0.00	52.05 3.86 0.00	44.88 3.21 0.00	41.52 2.90 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	28.01 -3.51 -0.22	27.76 -3.48 -0.47	28.84 -2.54 0.00	28.19 -2.55 -0.01	29.05 -3.37 -0.03	33.52 -2.76 0.00	42.86 -3.53 0.00	48.99 -3.74 0.00	41.62 -1.87 0.00	37.51 -1.48 0.00	34.49 -1.14 0.00	31.15 -1.33 0.00	29.49 -1.52 0.00	29.06 -1.69 0.00	29.08 -1.76 0.00	30.30 -1.70 0.00	32.42 -1.85 0.00	38.05 -2.09 0.00	43.66 -2.59 0.00	53.44 -2.81 0.00	53.51 -2.52 0.00	46.80 -1.40 0.00	40.17 -1.50 0.00	38.00 -0.62 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	35.03 2.44 -1.29	35.90 2.40 -2.72	33.83 2.45 0.00	33.20 2.40 -0.07	35.01 2.46 -0.15	39.10 2.83 0.00	50.33 3.94 0.00	57.27 4.54 0.00	47.06 3.57 0.00	42.23 3.24 0.00	38.48 2.85 0.00	35.05 2.57 0.00	33.50 2.48 0.00	33.24 2.49 0.00	33.36 2.53 0.00	34.55 2.56 0.00	37.19 2.91 0.00	43.59 3.45 0.00	50.09 3.84 0.00	60.98 4.73 0.00	60.68 4.65 0.00	52.05 3.86 0.00	44.96 3.29 0.00	41.44 2.82 0.00
PEEKSKILL____ 23653	35.00 2.38 -1.33	35.78 2.31 -2.70	33.73 2.35 0.00	33.11 2.31 -0.07	34.94 2.40 -0.15	38.96 2.68 0.00	50.15 3.66 -0.09	57.31 4.27 -0.30	47.14 3.30 -0.35	42.44 3.04 -0.40	38.76 2.67 -0.46	35.47 2.44 -0.55	33.94 2.36 -0.57	33.67 2.34 -0.58	33.79 2.37 -0.59	34.99 2.43 -0.57	37.53 2.74 -0.51	43.71 3.21 -0.36	50.15 4.44 -0.16	60.70 4.44 0.00	61.03 4.31 -0.68	51.96 3.66 -0.10	44.96 3.08 -0.20	41.35 2.63 -0.10

PGE MADISON___WINDPWR 24146	33.10 1.41 -0.40	33.06 1.45 -0.84	33.07 1.69 0.00	32.32 1.57 -0.02	34.09 1.65 -0.05	38.74 2.47 0.00	49.96 3.57 0.00	60.70 7.96 0.00	49.49 6.00 0.00	43.48 4.48 0.00	39.34 3.71 0.00	35.70 3.22 0.00	33.68 2.67 0.00	33.27 2.52 0.00	33.67 2.83 0.00	35.19 3.20 0.00	38.14 3.87 0.00	42.70 2.57 0.00	49.53 3.28 0.00	60.87 4.61 0.00	60.85 4.82 0.00	52.19 4.00 0.00	44.76 3.08 0.00	41.64 3.01 0.00
PIERCEFIELD___HYD 23852	35.49 -1.44 -5.64	34.92 -1.42 -5.56	35.58 -1.44 -5.65	34.86 -1.41 -5.54	36.66 -1.52 -5.79	41.06 -1.56 -6.34	51.66 -2.41 -7.68	50.42 -2.64 -0.32	48.71 -2.09 -7.30	43.75 -1.95 -6.70	40.06 -1.82 -6.24	36.57 -1.69 -5.78	35.01 -1.58 -5.58	34.92 -1.38 -5.55	35.11 -1.30 -5.57	36.22 -1.50 -5.73	38.68 -1.65 -6.06	45.06 -1.93 -6.85	49.50 -2.36 -5.61	62.40 -2.87 -9.02	62.34 -2.69 -9.00	53.77 -2.36 -7.94	46.10 -1.63 -6.05	42.76 -1.47 -5.60
PINELAWN_CC_1 323563	35.88 3.19 -1.39	36.38 2.89 -2.71	34.36 2.98 0.00	33.69 2.89 -0.07	35.46 2.92 -0.15	39.76 3.48 0.00	51.38 4.82 -0.17	58.80 5.48 -0.58	48.37 4.22 -0.66	43.55 3.78 -0.77	39.78 3.28 -0.87	36.55 3.02 -1.05	35.06 2.95 -1.10	34.79 2.92 -1.12	34.88 2.93 -1.12	36.08 3.01 -1.08	38.61 3.36 -0.98	44.85 4.01 -0.71	51.32 4.76 -0.31	62.05 5.80 0.00	62.89 5.55 -1.31	53.05 4.67 -0.18	46.03 3.96 -0.40	42.25 3.44 -0.19
PJM_GEN_HTP_PROXY 323702	36.56 2.75 -2.51	36.16 2.68 -2.71	34.08 2.70 0.00	33.47 2.67 -0.07	35.33 2.79 -0.15	39.39 3.12 0.00	52.88 4.22 -2.27	65.19 4.91 -7.55	55.99 3.83 -8.68	52.49 3.47 -10.02	50.08 3.10 -11.34	48.99 2.82 -13.69	48.02 2.73 -14.28	47.98 2.71 -14.52	48.14 2.74 -14.57	48.84 2.78 -14.06	50.20 3.15 -12.78	52.81 3.69 -8.99	54.45 4.35 -3.86	61.37 5.12 0.00	77.98 4.99 -16.96	54.94 4.24 -2.50	50.30 3.58 -5.04	44.25 3.09 -2.54
PJM_GEN_KEystone 24065	32.03 -0.16 -0.89	32.17 -0.25 -1.65	31.38 0.00 0.00	30.80 0.03 -0.04	32.42 -0.06 -0.09	36.35 0.07 0.00	46.74 0.14 -0.21	53.75 0.32 -0.70	44.90 0.61 -0.80	40.40 0.47 -0.93	37.22 0.54 -1.05	34.11 0.36 -1.27	32.59 0.25 -1.32	32.25 0.15 -1.35	32.34 0.15 -1.35	33.52 0.23 -1.30	35.80 0.34 -1.19	41.21 0.24 -0.83	46.89 0.28 -0.36	56.76 0.51 0.00	58.28 0.67 -1.57	49.15 0.72 -0.23	42.64 0.50 -0.47	39.59 0.73 -0.24
PJM_GEN_NEPTUNE_PROXY 323594	35.57 2.91 -1.37	36.13 2.65 -2.71	34.08 2.70 0.00	33.44 2.64 -0.07	35.20 2.66 -0.15	39.43 3.15 0.00	50.93 4.41 -0.13	58.26 5.06 -0.46	47.89 3.87 -0.53	43.12 3.51 -0.62	39.43 3.10 -0.70	36.15 2.82 -0.85	34.63 2.73 -0.88	34.38 2.74 -0.90	34.48 2.74 -0.90	35.64 2.78 -0.87	38.18 3.12 -0.79	44.36 3.65 -0.57	50.75 4.25 -0.25	61.32 5.07 0.00	62.02 4.93 -1.05	52.49 4.15 -0.15	45.54 3.54 -0.32	41.94 3.17 -0.15
PJM_GEN_VFT_PROXY 323633	37.02 2.82 -2.90	36.16 2.68 -2.71	34.14 2.76 0.00	33.53 2.73 -0.07	35.40 2.85 -0.15	39.47 3.19 0.00	53.65 4.27 -3.00	67.66 4.96 -9.97	58.82 3.87 -11.46	55.74 3.51 -13.23	53.71 3.10 -14.98	53.38 2.82 -18.08	52.60 2.73 -18.86	52.63 2.71 -19.18	52.78 2.71 -19.24	53.35 2.78 -18.57	54.26 3.12 -16.87	55.74 3.73 -11.87	55.69 4.35 -5.10	61.43 5.17 0.00	83.42 4.99 -22.40	55.74 4.24 -3.30	51.96 3.62 -6.66	45.14 3.17 -3.35
PLATSBURG_115KV_PMLD1 355749	-7.20 -1.19 37.31	-7.20 -1.17 36.80	-7.20 -1.22 37.36	-7.17 -1.20 36.70	-7.24 -1.33 38.30	-7.16 -1.45 41.98	-6.48 -1.99 50.87	-6.60 -2.16 57.17	-6.62 -1.78 48.33	-6.99 -1.64 44.35	-7.17 -1.50 41.31	-7.20 -1.36 38.32	-7.17 -1.24 36.94	-7.17 -1.17 36.75	-7.14 -1.11 36.86	-7.14 -1.18 37.95	-7.11 -1.30 40.07	-6.80 -1.57 45.37	-6.63 -1.99 50.89	-5.61 -2.19 59.67	-5.57 -2.07 59.53	-6.17 -1.83 52.53	0.24 -1.38 40.06	0.26 -1.27 37.09
PLEASANTVLY___LBMP 24000	34.69 2.07 -1.33	35.58 2.00 -2.81	33.42 2.04 0.00	32.83 2.03 -0.08	34.62 2.07 -0.16	38.59 2.32 0.00	49.59 3.20 0.00	56.43 3.69 0.00	46.36 2.87 0.00	41.57 2.57 0.00	37.91 2.28 0.00	34.56 2.08 0.00	33.03 2.02 0.00	32.78 2.03 0.00	32.87 2.04 0.00	34.07 2.08 0.00	36.60 2.33 0.00	42.94 2.81 0.00	49.49 3.24 0.00	60.02 3.77 0.00	59.67 3.64 0.00	51.28 3.08 0.00	44.30 2.63 0.00	40.86 2.24 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.95 2.44 -1.21	35.87 2.37 -2.73	33.80 2.42 0.00	33.17 2.37 -0.07	34.97 2.43 -0.15	39.03 2.76 0.00	50.00 3.76 0.15	56.62 4.38 0.49	46.36 3.44 0.57	41.42 3.08 0.66	37.63 2.74 0.74	34.08 2.50 0.90	32.50 2.42 0.94	32.20 2.40 0.95	32.32 2.44 0.95	33.53 2.46 0.92	36.25 2.81 0.84	42.92 3.37 0.59	49.83 3.84 0.25	60.81 4.56 0.00	59.35 4.43 1.11	51.74 3.71 0.16	44.51 3.17 0.33	41.16 2.70 0.17
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.95 2.44 -1.21	35.87 2.37 -2.73	33.80 2.42 0.00	33.17 2.37 -0.07	34.97 2.43 -0.15	39.03 2.76 0.00	50.00 3.76 0.15	56.62 4.38 0.49	46.36 3.44 0.57	41.42 3.08 0.66	37.63 2.74 0.74	34.08 2.50 0.90	32.50 2.42 0.94	32.20 2.40 0.95	32.32 2.44 0.95	33.53 2.46 0.92	36.25 2.81 0.84	42.92 3.37 0.59	49.83 3.84 0.25	60.81 4.56 0.00	59.35 4.43 1.11	51.74 3.71 0.16	44.51 3.17 0.33	41.16 2.70 0.17
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.73 2.13 -1.30	35.62 2.09 -2.75	33.51 2.13 0.00	32.89 2.09 -0.07	34.72 2.17 -0.15	38.74 2.47 0.00	49.78 3.39 0.00	56.69 3.96 0.00	46.58 3.09 0.00	41.69 2.69 0.00	38.02 2.39 0.00	34.66 2.18 0.00	33.12 2.11 0.00	32.84 2.09 0.00	32.96 2.13 0.00	34.17 2.18 0.00	36.71 2.43 0.00	43.06 2.93 0.00	49.62 3.38 0.00	60.36 4.11 0.00	60.01 3.98 0.00	51.47 3.28 0.00	44.51 2.83 0.00	41.06 2.43 0.00
POLETTI___ 23519	37.08 2.88 -2.90	36.22 2.74 -2.71	34.20 2.82 0.00	33.57 2.77 -0.07	35.39 2.85 -0.15	39.50 3.23 0.00	53.75 4.36 -3.00	67.77 5.06 -9.97	58.94 4.00 -11.45	55.85 3.63 -13.23	53.82 3.21 -14.98	53.51 2.96 -18.07	52.69 2.82 -18.85	52.72 2.80 -19.17	52.90 2.84 -19.23	53.47 2.91 -18.57	54.39 3.26 -16.87	55.90 3.89 -11.87	55.78 4.44 -5.09	61.54 5.29 0.00	83.64 5.21 -22.39	55.88 4.39 -3.30	52.08 3.75 -6.66	45.25 3.28 -3.35
POMONA___ESR 323819	34.78 2.25 -1.23	35.55 2.19 -2.59	33.58 2.20 0.00	32.98 2.18 -0.07	34.80 2.27 -0.15	38.81 2.54 0.00	49.82 3.43 0.00	56.85 4.12 0.00	46.71 3.22 0.00	41.84 2.85 0.00	38.16 2.53 0.00	34.79 2.31 0.00	33.22 2.20 0.00	32.93 2.18 0.00	33.05 2.22 0.00	34.26 2.27 0.00	36.88 2.60 0.00	43.15 3.01 0.00	49.81 3.56 0.00	60.53 4.27 0.00	60.18 4.15 0.00	51.62 3.42 0.00	44.55 2.87 0.00	41.13 2.51 0.00
PORT_JEFF_3 23555	35.92 3.25 -1.37	36.41 2.92 -2.71	34.39 3.01 0.00	33.75 2.95 -0.07	35.49 2.95 -0.15	39.83 3.56 0.00	51.45 4.92 -0.15	58.77 5.54 -0.50	48.20 4.13 -0.58	43.37 3.71 -0.67	39.42 3.03 -0.76	36.32 2.92 -0.92	34.82 2.85 -0.96	34.58 2.86 -0.98	34.68 2.87 -0.98	35.78 2.85 -0.94	38.32 3.19 -0.86	44.73 3.97 -0.62	51.33 4.81 -0.27	62.00 5.74 0.00	62.50 5.33 -1.14	52.98 4.63 -0.16	45.94 3.92 -0.35	41.99 3.20 -0.16

PORT_JEFF_4 23616	35.92 3.25 -1.37	36.41 2.92 -2.71	34.39 3.01 0.00	33.75 2.95 -0.07	35.49 2.95 -0.15	39.83 3.56 0.00	51.45 4.92 -0.15	58.77 5.54 -0.50	48.20 4.13 -0.58	43.37 3.71 -0.67	39.42 3.03 -0.76	36.32 2.92 -0.92	34.82 2.85 -0.96	34.58 2.86 -0.98	34.68 2.87 -0.98	35.78 2.85 -0.94	38.32 3.19 -0.86	44.73 3.97 -0.62	51.33 4.81 -0.27	62.00 5.74 0.00	62.50 5.33 -1.14	52.98 4.63 -0.16	45.94 3.92 -0.35	41.99 3.20 -0.16
PORT_JEFF_IC 23713	35.96 3.29 -1.37	36.44 2.95 -2.71	34.42 3.04 0.00	33.75 2.95 -0.07	35.49 2.95 -0.15	39.86 3.59 0.00	51.50 4.96 -0.15	58.88 5.64 -0.51	48.29 4.22 -0.58	43.41 3.74 -0.67	39.46 3.06 -0.76	36.36 2.96 -0.92	34.83 2.85 -0.96	34.59 2.86 -0.98	34.72 2.90 -0.98	35.95 3.01 -0.95	38.35 3.22 -0.86	44.97 4.21 -0.62	51.42 4.90 -0.27	61.82 5.57 0.00	62.39 5.21 -1.15	53.13 4.77 -0.16	46.15 4.13 -0.35	42.22 3.44 -0.16
PPL PILGRIM_ST_GT1 24216	35.99 3.32 -1.38	36.50 3.02 -2.71	34.49 3.11 0.00	33.81 3.01 -0.07	35.59 3.04 -0.15	39.90 3.63 0.00	51.60 5.06 -0.15	58.95 5.70 -0.52	48.43 4.35 -0.59	43.55 3.86 -0.69	39.69 3.28 -0.78	36.51 3.09 -0.94	35.00 3.01 -0.98	34.73 2.98 -1.00	34.83 2.99 -1.00	36.00 3.04 -0.97	38.51 3.36 -0.88	44.86 4.10 -0.63	51.52 5.00 -0.28	62.28 6.02 0.00	62.92 5.72 -1.17	53.18 4.82 -0.17	46.12 4.09 -0.36	42.23 3.44 -0.17
PPL PILGRIM_ST_GT2 24217	35.99 3.32 -1.38	36.50 3.02 -2.71	34.49 3.11 0.00	33.81 3.01 -0.07	35.59 3.04 -0.15	39.90 3.63 0.00	51.60 5.06 -0.15	58.95 5.70 -0.52	48.43 4.35 -0.59	43.55 3.86 -0.69	39.69 3.28 -0.78	36.51 3.09 -0.94	35.00 3.01 -0.98	34.73 2.98 -1.00	34.83 2.99 -1.00	36.00 3.04 -0.97	38.51 3.36 -0.88	44.86 4.10 -0.63	51.52 5.00 -0.28	62.28 6.02 0.00	62.92 5.72 -1.17	53.18 4.82 -0.17	46.12 4.09 -0.36	42.23 3.44 -0.17
PPL_SHRM_GT3 24213	35.77 3.10 -1.37	36.22 2.74 -2.71	34.27 2.89 0.00	33.60 2.80 -0.07	35.30 2.75 -0.15	39.65 3.37 0.00	51.31 4.78 -0.15	58.56 5.32 -0.50	47.81 3.74 -0.58	42.94 3.28 -0.67	38.78 2.39 -0.76	35.93 2.54 -0.92	34.42 2.45 -0.96	34.19 2.46 -0.98	34.31 2.50 -0.98	35.27 2.33 -0.95	37.77 2.64 -0.86	44.32 3.57 -0.62	50.96 4.44 -0.27	61.66 5.40 0.00	61.93 4.76 -1.14	52.45 4.09 -0.16	45.61 3.58 -0.35	41.30 2.51 -0.16
PPL_SHRM_GT4 24214	35.77 3.10 -1.37	36.22 2.74 -2.71	34.27 2.89 0.00	33.60 2.80 -0.07	35.30 2.75 -0.15	39.65 3.37 0.00	51.31 4.78 -0.15	58.56 5.32 -0.50	47.81 3.74 -0.58	42.94 3.28 -0.67	38.78 2.39 -0.76	35.93 2.54 -0.92	34.42 2.45 -0.96	34.19 2.46 -0.98	34.31 2.50 -0.98	35.27 2.33 -0.95	37.77 2.64 -0.86	44.32 3.57 -0.62	50.96 4.44 -0.27	61.66 5.40 0.00	61.93 4.76 -1.14	52.45 4.09 -0.16	45.61 3.58 -0.35	41.30 2.51 -0.16
PROJECT___ORANGE 1 24174	31.13 -0.28 -0.11	30.74 -0.28 -0.24	31.10 -0.28 0.00	30.43 -0.31 -0.01	32.11 -0.29 -0.01	35.98 -0.29 0.00	46.07 -0.32 0.00	52.42 -0.32 0.00	43.36 -0.13 0.00	38.92 -0.08 0.00	35.60 -0.04 0.00	32.45 -0.03 0.00	30.95 -0.06 0.00	30.66 -0.09 0.00	30.71 -0.12 0.00	31.89 -0.10 0.00	34.07 -0.21 0.00	39.85 -0.28 0.00	45.92 -0.32 0.00	55.97 -0.28 0.00	55.81 -0.22 0.00	48.00 -0.19 0.00	41.30 -0.38 0.00	38.39 -0.23 0.00
PROJECT___ORANGE 2 24166	31.13 -0.28 -0.11	30.74 -0.28 -0.24	31.10 -0.28 0.00	30.43 -0.31 -0.01	32.11 -0.29 -0.01	35.98 -0.29 0.00	46.07 -0.32 0.00	52.42 -0.32 0.00	43.36 -0.13 0.00	38.92 -0.08 0.00	35.60 -0.04 0.00	32.45 -0.03 0.00	30.95 -0.06 0.00	30.66 -0.09 0.00	30.71 -0.12 0.00	31.89 -0.10 0.00	34.07 -0.21 0.00	39.85 -0.28 0.00	45.92 -0.32 0.00	55.97 -0.28 0.00	55.81 -0.22 0.00	48.00 -0.19 0.00	41.30 -0.38 0.00	38.39 -0.23 0.00
PUCKETT___SOLAR 323809	32.03 0.31 -0.42	31.94 0.28 -0.89	31.85 0.47 0.00	31.21 0.46 -0.02	32.86 0.42 -0.05	37.04 0.76 0.00	47.59 1.20 0.00	54.63 1.90 0.00	45.10 1.61 0.00	40.21 1.21 0.00	36.70 1.07 0.00	33.36 0.88 0.00	31.70 0.68 0.00	31.36 0.61 0.00	31.48 0.65 0.00	32.79 0.80 0.00	35.20 0.93 0.00	40.94 0.80 0.00	47.31 1.06 0.00	57.83 1.57 0.00	57.71 1.68 0.00	49.64 1.44 0.00	42.71 1.04 0.00	39.78 1.16 0.00
PYRITES___HYD 24023	35.61 -0.75 -5.07	35.06 -0.71 -5.00	35.73 -0.72 -5.07	34.97 -0.74 -4.98	36.82 -0.78 -5.20	41.32 -0.65 -5.70	52.09 -1.21 -6.90	50.80 -1.32 0.62	48.97 -1.09 -6.56	43.85 -1.17 -6.02	40.10 -1.14 -5.61	36.60 -1.07 -5.20	35.04 -0.99 -5.02	34.88 -0.86 -4.99	35.10 -0.74 -5.01	36.25 -0.90 -5.15	38.79 -0.93 -5.44	45.21 -1.08 -6.16	49.81 -1.25 -4.81	62.95 -1.41 -8.10	62.89 -1.23 -8.09	54.22 -1.11 -7.13	46.57 -0.54 -5.44	43.20 -0.46 -5.04
QUAKERRD_115KV_BK1 80622	29.76 -1.69 -0.15	29.46 -1.63 -0.32	29.56 -1.82 0.00	28.92 -1.81 -0.01	30.63 -1.78 -0.02	34.28 -2.00 0.00	43.79 -2.60 0.00	49.94 -2.80 0.00	41.71 -1.78 0.00	37.55 -1.44 0.00	34.46 -1.18 0.00	31.28 -1.20 0.00	29.80 -1.21 0.00	29.43 -1.32 0.00	29.48 -1.36 0.00	30.65 -1.34 0.00	32.70 -1.58 0.00	38.25 -1.89 0.00	43.94 -2.31 0.00	53.84 -2.42 0.00	53.79 -2.24 0.00	46.41 -1.78 0.00	39.88 -1.79 0.00	37.31 -1.31 0.00
QUEENSBRY_115KV_TB8 356137	35.28 2.38 -1.61	36.51 2.34 -3.40	33.80 2.42 0.00	33.19 2.37 -0.09	35.21 2.62 -0.19	39.36 3.08 0.00	50.61 4.22 0.00	57.38 4.64 0.00	47.23 3.74 0.00	42.19 3.20 0.00	38.48 2.85 0.00	35.08 2.60 0.00	33.46 2.45 0.00	33.30 2.55 0.00	33.15 2.31 0.00	34.52 2.53 0.00	37.15 2.88 0.00	43.63 3.49 0.00	49.76 3.51 0.00	60.64 4.39 0.00	60.35 4.31 0.00	51.57 3.37 0.00	44.51 2.83 0.00	41.13 2.51 0.00
RAMAPO___LBMP 323565	34.57 2.07 -1.21	35.31 1.97 -2.56	33.39 2.01 0.00	32.76 1.97 -0.07	34.61 2.07 -0.14	38.59 2.32 0.00	49.54 3.15 0.00	56.48 3.74 0.00	46.40 2.91 0.00	41.61 2.61 0.00	37.91 2.28 0.00	34.56 2.08 0.00	33.00 1.98 0.00	32.72 1.97 0.00	32.84 2.00 0.00	34.04 2.05 0.00	36.64 2.36 0.00	42.98 2.85 0.00	49.49 3.24 0.00	60.08 3.83 0.00	59.73 3.70 0.00	51.23 3.04 0.00	44.30 2.63 0.00	40.86 2.24 0.00
RANKINE____ 23646	28.22 -3.29 -0.22	28.03 -3.20 -0.45	28.56 -2.82 0.00	27.91 -2.83 -0.01	29.18 -3.24 -0.03	33.19 -3.08 0.00	42.40 -3.99 0.00	48.36 -4.38 0.00	41.19 -2.31 0.00	37.16 -1.83 0.00	34.21 -1.43 0.00	30.89 -1.59 0.00	29.28 -1.74 0.00	28.84 -1.91 0.00	28.83 -2.00 0.00	30.07 -1.92 0.00	32.15 -2.12 0.00	37.61 -2.53 0.00	43.15 -3.10 0.00	52.88 -3.38 0.00	53.01 -3.03 0.00	46.41 -1.78 0.00	39.88 -1.79 0.00	37.73 -0.89 0.00
RAVENSWOOD_GT2_1 24244	37.34 2.79 -3.26	36.19 2.71 -2.71	34.14 2.76 0.00	33.50 2.70 -0.07	35.36 2.82 -0.15	39.43 3.16 0.00	54.31 4.27 -3.65	69.84 4.96 -12.15	61.36 3.91 -13.96	58.63 3.51 -16.12	57.02 3.14 -18.25	57.36 2.86 -22.02	56.75 2.76 -22.97	56.85 2.74 -23.36	57.05 2.78 -23.44	57.47 2.85 -22.63	58.01 3.19 -20.55	58.41 3.81 -14.47	56.80 4.35 -6.21	61.43 5.18 0.00	88.42 5.10 -27.29	56.46 4.24 -4.02	53.45 3.67 -8.11	45.87 3.17 -4.08

RAVENSWOOD_GT2_2 24245	37.34 2.79 -3.26	36.19 2.71 -2.71	34.14 2.76 0.00	33.50 2.70 -0.07	35.36 2.82 -0.15	39.43 3.16 0.00	54.31 4.27 -3.65	69.84 4.96 -12.15	61.36 3.91 -13.96	58.63 3.51 -16.12	57.02 3.14 -18.25	57.36 2.86 -22.02	56.75 2.76 -22.97	56.85 2.74 -23.36	57.05 2.78 -23.44	57.47 2.85 -22.63	58.01 3.19 -20.55	58.41 3.81 -14.47	56.80 4.35 -6.21	61.43 5.18 0.00	88.42 5.10 -27.29	56.46 4.24 -4.02	53.45 3.67 -8.11	45.87 3.17 -4.08
RAVENSWOOD_GT2_3 24246	37.34 2.79 -3.26	36.19 2.71 -2.71	34.14 2.76 0.00	33.50 2.70 -0.07	35.36 2.82 -0.15	39.47 3.19 0.00	54.31 4.27 -3.65	69.84 4.96 -12.15	61.41 3.96 -13.96	58.67 3.55 -16.12	57.02 3.14 -18.25	57.39 2.89 -22.02	56.75 2.76 -22.97	56.85 2.74 -23.36	57.05 2.78 -23.44	57.47 2.85 -22.63	58.01 3.19 -20.55	58.45 3.85 -14.47	56.85 4.39 -6.21	61.49 5.23 0.00	88.42 5.10 -27.29	56.51 4.29 -4.02	53.45 3.67 -8.11	45.91 3.21 -4.08
RAVENSWOOD_GT2_4 24247	37.34 2.79 -3.26	36.19 2.71 -2.71	34.14 2.76 0.00	33.50 2.70 -0.07	35.36 2.82 -0.15	39.47 3.19 0.00	54.31 4.27 -3.65	69.84 4.96 -12.15	61.41 3.96 -13.96	58.67 3.55 -16.12	57.02 3.14 -18.25	57.39 2.89 -22.02	56.75 2.76 -22.97	56.85 2.74 -23.36	57.05 2.78 -23.44	57.47 2.85 -22.63	58.01 3.19 -20.55	58.45 3.85 -14.47	56.85 4.39 -6.21	61.49 5.23 0.00	88.42 5.10 -27.29	56.51 4.29 -4.02	53.45 3.67 -8.11	45.91 3.21 -4.08
RAVENSWOOD_GT3_1 24248	37.34 2.79 -3.26	36.19 2.71 -2.71	34.14 2.76 0.00	33.50 2.70 -0.07	35.36 2.82 -0.15	39.43 3.16 0.00	54.31 4.27 -3.65	69.84 4.96 -12.15	61.36 3.91 -13.96	58.63 3.51 -16.12	57.02 3.14 -18.25	57.36 2.86 -22.02	56.75 2.76 -22.97	56.85 2.74 -23.36	57.05 2.78 -23.44	57.47 2.85 -22.63	58.01 3.19 -20.55	58.41 3.81 -14.47	56.80 4.35 -6.21	61.49 5.23 0.00	88.42 5.10 -27.29	56.46 4.24 -4.02	53.45 3.67 -8.11	45.87 3.17 -4.08
RAVENSWOOD_GT3_2 24249	37.34 2.79 -3.26	36.19 2.71 -2.71	34.14 2.76 0.00	33.50 2.70 -0.07	35.36 2.82 -0.15	39.43 3.16 0.00	54.31 4.27 -3.65	69.84 4.96 -12.15	61.36 3.91 -13.96	58.63 3.51 -16.12	57.02 3.14 -18.25	57.36 2.86 -22.02	56.75 2.76 -22.97	56.85 2.74 -23.36	57.05 2.78 -23.44	57.47 2.85 -22.63	58.01 3.19 -20.55	58.41 3.81 -14.47	56.80 4.35 -6.21	61.49 5.23 0.00	88.42 5.10 -27.29	56.46 4.24 -4.02	53.45 3.67 -8.11	45.87 3.17 -4.08
RAVENSWOOD_GT3_3 24250	37.37 2.82 -3.26	36.22 2.74 -2.71	34.17 2.79 0.00	33.54 2.73 -0.07	35.39 2.85 -0.15	39.47 3.19 0.00	54.36 4.31 -3.65	69.89 5.01 -12.15	61.45 4.00 -13.96	58.71 3.59 -16.12	57.06 3.17 -18.25	57.43 2.92 -22.02	56.78 2.79 -22.97	56.88 2.77 -23.36	57.08 2.81 -23.44	57.50 2.88 -22.63	58.05 3.22 -20.55	58.49 3.89 -14.47	56.90 4.44 -6.21	61.54 5.29 0.00	88.48 5.15 -27.29	56.56 4.34 -4.02	53.49 3.71 -8.11	45.95 3.24 -4.08
RAVENSWOOD_GT3_4 24251	37.37 2.82 -3.26	36.22 2.74 -2.71	34.17 2.79 0.00	33.54 2.73 -0.07	35.39 2.85 -0.15	39.47 3.19 0.00	54.36 4.31 -3.65	69.89 5.01 -12.15	61.45 4.00 -13.96	58.71 3.59 -16.12	57.06 3.17 -18.25	57.43 2.92 -22.02	56.78 2.79 -22.97	56.88 2.77 -23.36	57.08 2.81 -23.44	57.50 2.88 -22.63	58.05 3.22 -20.55	58.49 3.89 -14.47	56.90 4.44 -6.21	61.54 5.29 0.00	88.48 5.15 -27.29	56.56 4.34 -4.02	53.49 3.71 -8.11	45.95 3.24 -4.08
RAVENSWOOD_GT_1 23729	39.84 2.91 -5.63	37.07 2.86 -3.44	38.10 2.92 -3.80	37.61 2.86 -4.02	37.58 2.98 -2.21	42.10 3.34 -2.49	54.54 4.50 -3.65	70.05 5.17 -12.15	63.76 4.18 -16.10	60.07 3.74 -17.33	58.46 3.31 -19.51	59.42 3.05 -23.88	58.84 2.92 -24.91	58.88 2.89 -25.24	58.91 2.93 -25.15	59.42 3.01 -24.43	60.85 3.36 -23.22	83.83 4.05 -39.65	88.84 4.62 -37.97	100.34 5.51 -38.57	89.83 5.38 -28.42	59.75 4.53 -7.02	53.66 3.88 -8.11	51.22 3.40 -9.20
RAVENSWOOD_GT_10 24258	37.42 2.79 -3.34	36.21 2.71 -2.73	34.33 2.76 -0.19	33.70 2.70 -0.27	35.43 2.79 -0.25	39.55 3.16 -0.12	54.31 4.27 -3.65	69.84 4.96 -12.15	61.61 3.91 -14.21	58.77 3.51 -16.26	57.17 3.14 -18.40	57.58 2.86 -22.24	56.97 2.76 -23.20	57.06 2.74 -23.58	57.24 2.78 -23.63	57.64 2.82 -22.84	58.32 3.19 -20.86	61.32 3.81 -17.37	60.47 4.35 -9.87	65.88 5.18 -4.45	88.50 5.04 -27.42	56.81 4.24 -4.37	53.45 3.67 -8.11	46.46 3.17 -4.67
RAVENSWOOD_GT_11 24259	37.42 2.79 -3.34	36.21 2.71 -2.73	34.33 2.76 -0.19	33.70 2.70 -0.27	35.43 2.79 -0.25	39.55 3.16 -0.12	54.31 4.27 -3.65	69.84 4.96 -12.15	61.61 3.91 -14.21	58.77 3.51 -16.26	57.17 3.14 -18.40	57.58 2.86 -22.24	56.97 2.76 -23.20	57.06 2.74 -23.58	57.24 2.78 -23.63	57.64 2.82 -22.84	58.32 3.19 -20.86	61.32 3.81 -17.37	60.47 4.35 -9.87	65.88 5.18 -4.45	88.50 5.04 -27.42	56.81 4.24 -4.37	53.45 3.67 -8.11	46.46 3.17 -4.67
RAVENSWOOD_GT_4 24252	39.11 2.75 -5.06	36.71 2.68 -3.26	37.00 2.73 -2.89	36.48 2.67 -3.08	36.90 2.79 -1.72	41.29 3.12 -1.90	54.26 4.22 -3.65	69.79 4.90 -12.15	62.95 3.87 -15.59	59.51 3.47 -17.04	57.94 3.10 -19.21	58.74 2.83 -23.44	58.19 2.73 -24.45	58.25 2.71 -24.79	58.32 2.74 -24.74	58.80 2.82 -24.00	60.01 3.15 -22.59	77.55 3.77 -33.64	80.94 4.30 -30.39	90.75 5.12 -29.37	89.23 5.04 -28.15	58.70 4.19 -6.31	53.41 3.63 -8.11	49.73 3.13 -7.98
RAVENSWOOD_GT_5 24254	39.11 2.75 -5.06	36.71 2.68 -3.26	37.00 2.73 -2.89	36.48 2.67 -3.08	36.90 2.79 -1.72	41.29 3.12 -1.90	54.26 4.22 -3.65	69.79 4.90 -12.15	62.95 3.87 -15.59	59.51 3.47 -17.04	57.94 3.10 -19.21	58.74 2.83 -23.44	58.19 2.73 -24.45	58.25 2.71 -24.79	58.32 2.74 -24.74	58.80 2.82 -24.00	60.01 3.15 -22.59	77.55 3.77 -33.64	80.94 4.30 -30.39	90.75 5.12 -29.37	89.23 5.04 -28.15	58.70 4.19 -6.31	53.41 3.63 -8.11	49.73 3.13 -7.98
RAVENSWOOD_GT_6 24253	39.11 2.75 -5.06	36.71 2.68 -3.26	37.00 2.73 -2.89	36.48 2.67 -3.08	36.90 2.79 -1.72	41.29 3.12 -1.90	54.26 4.22 -3.65	69.79 4.90 -12.15	62.95 3.87 -15.59	59.51 3.47 -17.04	57.94 3.10 -19.21	58.74 2.83 -23.44	58.19 2.73 -24.45	58.25 2.71 -24.79	58.32 2.74 -24.74	58.80 2.82 -24.00	60.01 3.15 -22.59	77.55 3.77 -33.64	80.94 4.30 -30.39	90.75 5.12 -29.37	89.23 5.04 -28.15	58.70 4.19 -6.31	53.41 3.63 -8.11	49.73 3.13 -7.98
RAVENSWOOD_GT_7 24255	39.11 2.75 -5.06	36.71 2.68 -3.26	37.00 2.73 -2.89	36.48 2.67 -3.08	36.90 2.79 -1.72	41.29 3.12 -1.90	54.26 4.22 -3.65	69.79 4.90 -12.15	62.95 3.87 -15.59	59.51 3.47 -17.04	57.94 3.10 -19.21	58.74 2.83 -23.44	58.19 2.73 -24.45	58.25 2.71 -24.79	58.32 2.74 -24.74	58.80 2.82 -24.00	60.01 3.15 -22.59	77.55 3.77 -33.64	80.94 4.30 -30.39	90.75 5.12 -29.37	89.23 5.04 -28.15	58.70 4.19 -6.31	53.41 3.63 -8.11	49.73 3.13 -7.98
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.42 2.79 -3.34	36.21 2.71 -2.73	34.33 2.76 -0.19	33.70 2.70 -0.27	35.43 2.79 -0.25	39.55 3.16 -0.12	54.31 4.27 -3.65	69.84 4.96 -12.15	61.61 3.91 -14.21	58.77 3.51 -16.26	57.17 3.14 -18.40	57.58 2.86 -22.24	56.97 2.76 -23.20	57.06 2.74 -23.58	57.24 2.78 -23.63	57.64 2.82 -22.84	58.32 3.19 -20.86	61.32 3.81 -17.37	60.47 4.35 -9.87	65.88 5.18 -4.45	88.50 5.04 -27.42	56.81 4.24 -4.37	53.45 3.67 -8.11	46.46 3.17 -4.67

RAVENSWOOD_GT_9 24257	37.42 2.79 -3.34	36.21 2.71 -2.73	34.33 2.76 -0.19	33.70 2.70 -0.27	35.43 2.79 -0.25	39.55 3.16 -0.12	54.31 4.27 -3.65	69.84 4.96 -12.15	61.61 3.91 -14.21	58.77 3.51 -16.26	57.17 3.14 -18.40	57.58 2.86 -22.24	56.97 2.76 -23.20	57.06 2.74 -23.58	57.24 2.78 -23.63	57.64 2.82 -22.84	58.32 3.19 -20.86	61.32 3.81 -17.37	60.47 4.35 -9.87	65.88 5.18 -4.45	88.50 5.04 -27.42	56.81 4.24 -4.37	53.45 3.67 -8.11	46.46 3.17 -4.67
RAVENSWOOD___1 23533	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.64 2.89 -2.02	36.54 2.98 -1.17	40.84 3.34 -1.23	54.49 4.45 -3.65	70.06 5.17 -12.15	64.02 4.09 -16.44	60.22 3.71 -17.52	58.66 3.31 -19.71	59.68 3.02 -24.18	59.15 2.91 -25.22	59.18 2.89 -25.54	59.18 2.93 -25.42	59.68 2.98 -24.71	61.24 3.32 -23.64	87.65 3.89 -43.63	93.82 4.58 -42.99	106.39 5.46 -44.68	89.90 5.27 -28.60	60.18 4.48 -7.50	53.58 3.79 -8.11	51.99 3.36 -10.01
RAVENSWOOD___2 23534	38.26 2.91 -4.05	36.51 2.86 -2.87	36.18 2.92 -1.88	35.65 2.89 -2.03	36.54 2.98 -1.17	40.84 3.34 -1.23	54.49 4.45 -3.65	70.06 5.17 -12.15	64.02 4.09 -16.45	60.23 3.71 -17.52	58.66 3.31 -19.71	59.69 3.02 -24.18	59.16 2.91 -25.23	59.18 2.89 -25.55	59.19 2.93 -25.42	59.69 2.98 -24.72	61.25 3.32 -23.66	87.76 3.89 -43.74	93.96 4.58 -43.13	106.55 5.46 -44.84	89.90 5.27 -28.61	60.19 4.48 -7.51	53.58 3.79 -8.11	52.01 3.36 -10.03
RAVENSWOOD___3 23535	37.34 2.78 -3.26	36.19 2.71 -2.71	34.14 2.76 0.00	33.53 2.73 -0.07	35.36 2.82 -0.15	39.43 3.15 0.00	54.31 4.27 -3.65	69.84 4.96 -12.15	61.36 3.92 -13.96	58.67 3.55 -16.12	57.02 3.14 -18.25	57.36 2.86 -22.02	56.75 2.76 -22.97	56.85 2.74 -23.36	57.05 2.78 -23.44	57.47 2.85 -22.63	58.01 3.19 -20.55	58.33 3.73 -14.47	56.85 4.40 -6.21	61.49 5.23 0.00	88.37 5.04 -27.29	56.51 4.29 -4.02	53.41 3.62 -8.11	45.87 3.17 -4.08
RAVENSWOOD___4 23820	36.71 2.91 -2.50	35.95 2.86 -2.32	34.29 2.92 0.01	33.68 2.89 -0.07	35.51 2.98 -0.14	39.60 3.34 0.01	54.49 4.45 -3.65	70.06 5.17 -12.15	64.36 4.09 -16.78	60.41 3.71 -17.71	58.86 3.31 -19.91	59.98 3.02 -24.48	59.46 2.91 -25.53	59.48 2.89 -25.84	59.46 2.93 -25.69	59.97 2.98 -25.00	61.67 3.32 -24.07	91.69 3.89 -47.67	98.87 4.53 -48.09	112.57 5.46 -50.86	90.08 5.27 -28.78	60.66 4.48 -7.98	53.58 3.79 -8.11	52.78 3.32 -10.83
RCPL_TRUST___DRP 24196	36.78 2.97 -2.51	36.35 2.86 -2.71	34.24 2.86 0.00	33.63 2.83 -0.07	35.46 2.92 -0.15	39.57 3.30 0.00	53.25 4.59 -2.27	65.67 5.38 -7.55	56.47 4.31 -8.68	52.88 3.86 -10.02	50.43 3.46 -11.34	49.32 3.15 -13.69	48.33 3.04 -14.28	48.28 3.01 -14.52	48.42 3.02 -14.57	49.16 3.10 -14.06	50.54 3.50 -12.78	53.30 4.17 -8.99	54.87 4.76 -3.86	61.94 5.68 0.00	78.54 5.55 -16.96	55.32 4.63 -2.50	50.67 3.96 -5.04	44.60 3.44 -2.54
RED___ROCHESTER 323720	30.26 -1.19 -0.15	29.96 -1.14 -0.33	30.06 -1.32 0.00	29.48 -1.26 -0.01	31.08 -1.33 -0.02	34.86 -1.42 0.00	44.53 -1.86 0.00	50.84 -1.90 0.00	42.62 -0.87 0.00	38.30 -0.70 0.00	35.28 -0.36 0.00	31.99 -0.49 0.00	30.46 -0.56 0.00	30.07 -0.68 0.00	31.32 -0.74 0.00	33.38 -0.67 0.00	38.93 -0.89 0.00	44.59 -1.20 0.00	54.96 -1.66 0.00	55.08 -1.29 0.00	47.47 -0.95 0.00	40.88 -0.72 0.00	38.24 -0.79 0.00	
REGAN___SOLAR 323812	35.74 2.69 -1.75	37.12 2.65 -3.70	34.08 2.70 0.00	33.53 2.70 -0.10	35.55 2.95 -0.21	39.68 3.41 0.00	51.03 4.64 0.00	57.91 5.17 0.00	47.32 3.83 0.00	42.00 3.00 0.00	38.13 2.49 0.00	34.72 2.24 0.00	33.18 2.17 0.00	32.99 2.24 0.00	32.99 2.16 0.00	34.32 2.33 0.00	36.88 2.60 0.00	43.54 3.41 0.00	50.78 4.53 0.00	62.16 5.91 0.00	61.91 5.88 0.00	53.06 4.87 0.00	45.71 4.04 0.00	42.25 3.63 0.00
RENSSELAER___COGEN 23796	33.82 0.97 -1.56	35.02 0.96 -3.29	32.41 1.03 0.00	31.86 1.05 -0.09	33.68 1.10 -0.18	37.40 1.13 0.00	47.78 1.39 0.00	53.58 0.84 0.00	44.05 0.56 0.00	39.58 0.59 0.00	36.24 0.61 0.00	33.06 0.59 0.00	31.63 0.62 0.00	31.42 0.68 0.00	31.45 0.62 0.00	32.73 0.74 0.00	35.09 0.82 0.00	41.46 1.32 0.00	47.77 1.52 0.00	57.94 1.69 0.00	57.55 1.51 0.00	49.45 1.25 0.00	42.71 1.04 0.00	39.59 0.97 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.09 3.19 -1.61	37.31 3.14 -3.40	34.61 3.23 0.00	34.01 3.20 -0.09	36.15 3.56 -0.19	40.55 4.28 0.00	52.14 5.75 0.00	59.70 6.96 0.00	49.01 5.52 0.00	43.71 4.72 0.00	39.73 4.10 0.00	36.21 3.74 0.00	34.30 3.29 0.00	34.22 3.47 0.00	33.92 3.08 0.00	35.38 3.39 0.00	38.11 3.84 0.00	44.79 4.66 0.00	51.34 5.09 0.00	62.67 6.41 0.00	62.48 6.44 0.00	53.16 4.96 0.00	45.84 4.17 0.00	42.37 3.75 0.00
REVERE_CPPR_DRP 24186	32.17 0.81 -0.07	31.74 0.83 -0.14	32.29 0.91 0.00	31.56 0.83 0.00	33.31 0.91 -0.01	37.58 1.31 0.00	48.20 1.81 0.00	54.90 2.16 0.00	45.19 1.70 0.00	40.40 1.40 0.00	36.92 1.28 0.00	33.65 1.17 0.00	32.04 1.02 0.00	31.73 0.98 0.00	31.88 1.05 0.00	33.11 1.12 0.00	35.51 1.23 0.00	41.50 1.36 0.00	48.05 1.80 0.00	58.62 2.36 0.00	58.50 2.47 0.00	50.22 2.02 0.00	43.21 1.54 0.00	40.05 1.43 0.00
REYNOLDS_115KV_TB3 80639	34.14 1.28 -1.56	35.33 1.26 -3.29	32.73 1.35 0.00	32.14 1.32 -0.09	33.97 1.39 -0.18	37.72 1.45 0.00	48.34 1.95 0.00	53.90 1.16 0.00	44.36 0.87 0.00	39.74 0.74 0.00	36.45 0.82 0.00	33.26 0.78 0.00	31.82 0.81 0.00	31.61 0.86 0.00	31.64 0.80 0.00	32.92 0.93 0.00	35.30 1.03 0.00	41.82 1.69 0.00	48.19 1.94 0.00	58.45 2.19 0.00	58.16 2.13 0.00	49.93 1.74 0.00	43.17 1.50 0.00	39.90 1.27 0.00
RIVERBAY____ 323610	37.15 2.94 -2.91	36.42 2.92 -2.72	34.37 2.98 -0.01	33.73 2.92 -0.08	35.56 3.01 -0.16	39.69 3.41 -0.01	54.59 4.55 -3.65	70.10 5.22 -12.15	61.66 4.22 -13.95	58.85 3.74 -16.11	57.16 3.28 -18.24	57.52 3.02 -22.02	56.86 2.88 -22.97	56.93 2.83 -23.35	57.13 2.87 -23.43	57.59 2.98 -22.62	58.14 3.32 -20.55	58.61 4.01 -14.46	57.03 4.58 -6.20	61.78 5.51 -0.01	88.64 5.32 -27.28	56.74 4.53 -4.02	53.66 3.88 -8.11	46.13 3.44 -4.07
RIVERSDE_115KV_TB3 55908	33.98 1.13 -1.56	35.21 1.14 -3.30	32.57 1.19 0.00	31.98 1.17 -0.09	33.81 1.23 -0.19	37.58 1.31 0.00	48.06 1.67 0.00	53.74 1.00 0.00	44.23 0.74 0.00	39.66 0.66 0.00	36.38 0.75 0.00	33.19 0.71 0.00	31.79 0.78 0.00	31.58 0.83 0.00	31.57 0.74 0.00	32.85 0.86 0.00	35.23 0.96 0.00	41.62 1.48 0.00	47.96 1.71 0.00	58.22 1.97 0.00	57.88 1.85 0.00	49.69 1.49 0.00	42.96 1.29 0.00	39.74 1.12 0.00
ROARING___BROOK_WT_PWR 323790	30.29 -1.00 0.00	29.82 -0.95 0.00	30.41 -0.97 0.00	29.77 -0.95 0.00	31.42 -0.97 0.00	35.19 -1.09 0.00	44.89 -1.49 0.01	35.91 -1.69 15.14	42.06 -1.43 0.00	37.71 -1.29 0.00	34.42 -1.21 0.00	31.36 -1.10 0.01	29.96 -1.05 0.00	29.70 -1.05 0.00	29.82 -1.02 0.00	30.90 -1.09 0.00	33.11 -1.17 0.00	38.81 -1.32 0.00	41.02 -1.43 3.79	54.51 -1.74 0.00	54.41 -1.63 0.00	46.85 -1.35 0.00	40.67 -1.00 0.00	37.77 -0.85 0.00

ROCHESRG_115KV_T4 355643	30.04 -1.41 -0.15	29.74 -1.35 -0.32	29.81 -1.57 0.00	29.14 -1.60 -0.01	30.92 -1.49 -0.02	34.57 -1.70 0.00	44.12 -2.27 0.00	50.36 -2.37 0.00	42.19 -1.30 0.00	38.02 -0.97 0.00	34.92 -0.71 0.00	31.67 -0.81 0.00	30.15 -0.87 0.00	29.73 -1.01 0.00	29.79 -1.05 0.00	31.00 -0.99 0.00	33.07 -1.20 0.00	38.65 -1.48 0.00	44.40 -1.85 0.00	54.40 -1.86 0.00	54.41 -1.62 0.00	47.04 -1.16 0.00	40.42 -1.25 0.00	37.85 -0.77 0.00
ROCHESTER_9_IC 23652	30.17 -1.28 -0.15	29.87 -1.23 -0.33	29.94 -1.44 0.00	29.29 -1.44 -0.01	31.05 -1.36 -0.02	34.71 -1.56 0.00	44.35 -2.04 0.00	50.63 -2.11 0.00	42.45 -1.04 0.00	38.26 -0.74 0.00	35.13 -0.50 0.00	31.86 -0.62 0.00	30.33 -0.68 0.00	29.92 -0.83 0.00	29.97 -0.86 0.00	31.19 -0.80 0.00	33.24 -1.03 0.00	38.85 -1.28 0.00	44.63 -1.62 0.00	54.79 -1.46 0.00	54.74 -1.29 0.00	47.33 -0.87 0.00	40.63 -1.04 0.00	38.04 -0.58 0.00
ROCKVIEW_13_KV_LD 356306	35.27 2.69 -1.28	36.07 2.58 -2.71	34.02 2.64 0.00	33.38 2.58 -0.07	35.20 2.66 -0.15	39.28 3.01 0.00	50.47 4.08 0.00	57.48 4.75 0.00	47.23 3.74 0.00	42.39 3.39 0.00	38.63 2.99 0.00	35.24 2.76 0.00	33.65 2.64 0.00	33.36 2.61 0.00	33.49 2.65 0.00	34.71 2.72 0.00	37.36 3.08 0.00	43.83 3.69 0.00	50.46 4.21 0.00	61.26 5.01 0.00	60.96 4.93 0.00	52.29 4.10 0.00	45.17 3.50 0.00	41.63 3.01 0.00
ROME____115KV_TB2 80656	32.17 0.81 -0.07	31.74 0.83 -0.14	32.29 0.91 0.00	31.56 0.83 0.00	33.31 0.91 -0.01	37.58 1.31 0.00	48.20 1.81 0.00	54.90 2.16 0.00	45.19 1.70 0.00	40.40 1.40 0.00	36.92 1.28 0.00	33.65 1.17 0.00	32.04 1.02 0.00	31.73 0.98 0.00	31.88 1.05 0.00	33.11 1.12 0.00	35.51 1.23 0.00	41.50 1.36 0.00	48.05 1.80 0.00	58.62 2.36 0.00	58.50 2.47 0.00	50.22 2.02 0.00	43.21 1.54 0.00	40.05 1.43 0.00
ROSETON___1 23587	34.57 2.00 -1.27	35.40 1.94 -2.69	33.36 1.98 0.00	32.74 1.94 -0.07	34.55 2.01 -0.15	38.52 2.25 0.00	49.45 3.06 0.00	56.27 3.53 0.00	46.23 2.74 0.00	41.45 2.46 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.97 1.96 0.00	32.69 1.94 0.00	32.81 1.98 0.00	33.97 1.98 0.00	36.53 2.26 0.00	42.78 2.65 0.00	49.35 3.10 0.00	59.91 3.65 0.00	59.56 3.53 0.00	51.18 2.99 0.00	44.17 2.50 0.00	40.78 2.16 0.00
ROSETON___2 23588	34.57 2.00 -1.27	35.40 1.94 -2.69	33.36 1.98 0.00	32.74 1.94 -0.07	34.55 2.01 -0.15	38.52 2.25 0.00	49.45 3.06 0.00	56.27 3.53 0.00	46.23 2.74 0.00	41.45 2.46 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.97 1.96 0.00	32.69 1.94 0.00	32.81 1.98 0.00	33.97 1.98 0.00	36.53 2.26 0.00	42.78 2.65 0.00	49.35 3.10 0.00	59.91 3.65 0.00	59.56 3.53 0.00	51.18 2.99 0.00	44.17 2.50 0.00	40.78 2.16 0.00
ROTRRDAM_115KV_TB3 80664	34.08 1.16 -1.63	35.35 1.14 -3.44	32.54 1.16 0.00	31.96 1.14 -0.09	33.78 1.20 -0.19	37.65 1.38 0.00	48.25 1.86 0.00	54.69 1.95 0.00	45.01 1.52 0.00	40.32 1.33 0.00	36.81 1.18 0.00	33.55 1.07 0.00	32.07 1.05 0.00	31.82 1.08 0.00	31.88 1.05 0.00	33.08 1.09 0.00	35.51 1.23 0.00	41.70 1.57 0.00	48.19 1.94 0.00	58.56 2.31 0.00	58.27 2.24 0.00	50.03 1.83 0.00	43.26 1.58 0.00	39.97 1.35 0.00
RUSSELL___1 23602	30.26 -1.19 -0.15	29.96 -1.14 -0.33	30.06 -1.32 0.00	29.38 -1.35 -0.01	31.15 -1.26 -0.02	34.86 -1.41 0.00	44.53 -1.86 0.00	50.89 -1.85 0.00	42.62 -0.87 0.00	38.45 -0.55 0.00	35.31 -0.32 0.00	31.99 -0.49 0.00	30.46 -0.56 0.00	30.07 -0.68 0.00	30.09 -0.74 0.00	31.32 -0.67 0.00	33.42 -0.86 0.00	39.05 -1.08 0.00	44.81 -1.43 0.00	55.07 -1.18 0.00	55.08 -0.95 0.00	47.52 -0.67 0.00	40.84 -0.83 0.00	38.20 -0.42 0.00
RUSSELL___2 23532	30.26 -1.19 -0.15	29.96 -1.14 -0.33	30.06 -1.32 0.00	29.38 -1.35 -0.01	31.15 -1.26 -0.02	34.86 -1.41 0.00	44.53 -1.86 0.00	50.89 -1.85 0.00	42.62 -0.87 0.00	38.45 -0.55 0.00	35.31 -0.32 0.00	31.99 -0.49 0.00	30.46 -0.56 0.00	30.07 -0.68 0.00	30.09 -0.74 0.00	31.32 -0.67 0.00	33.42 -0.86 0.00	39.05 -1.08 0.00	44.81 -1.43 0.00	55.07 -1.18 0.00	55.08 -0.95 0.00	47.52 -0.67 0.00	40.84 -0.83 0.00	38.20 -0.42 0.00
RUSSELL___3 23549	30.26 -1.19 -0.15	29.96 -1.14 -0.33	30.06 -1.32 0.00	29.38 -1.35 -0.01	31.15 -1.26 -0.02	34.86 -1.41 0.00	44.53 -1.86 0.00	50.89 -1.85 0.00	42.62 -0.87 0.00	38.45 -0.55 0.00	35.31 -0.32 0.00	31.99 -0.49 0.00	30.46 -0.56 0.00	30.07 -0.68 0.00	30.09 -0.74 0.00	31.32 -0.67 0.00	33.42 -0.86 0.00	39.05 -1.08 0.00	44.81 -1.43 0.00	55.07 -1.18 0.00	55.08 -0.95 0.00	47.52 -0.67 0.00	40.84 -0.83 0.00	38.20 -0.42 0.00
RUSSELL___4 23556	30.26 -1.19 -0.15	29.96 -1.14 -0.33	30.06 -1.32 0.00	29.38 -1.35 -0.01	31.15 -1.26 -0.02	34.86 -1.41 0.00	44.53 -1.86 0.00	50.89 -1.85 0.00	42.62 -0.87 0.00	38.45 -0.55 0.00	35.31 -0.32 0.00	31.99 -0.49 0.00	30.46 -0.56 0.00	30.07 -0.68 0.00	30.09 -0.74 0.00	31.32 -0.67 0.00	33.42 -0.86 0.00	39.05 -1.08 0.00	44.81 -1.43 0.00	55.07 -1.18 0.00	55.08 -0.95 0.00	47.52 -0.67 0.00	40.84 -0.83 0.00	38.20 -0.42 0.00
RUSSELL___STATION 23914	30.26 -1.19 -0.15	29.96 -1.14 -0.33	30.06 -1.32 0.00	29.38 -1.35 -0.01	31.15 -1.26 -0.02	34.86 -1.41 0.00	44.53 -1.86 0.00	50.89 -1.85 0.00	42.62 -0.87 0.00	38.45 -0.55 0.00	35.31 -0.32 0.00	31.99 -0.49 0.00	30.46 -0.56 0.00	30.07 -0.68 0.00	30.09 -0.74 0.00	31.32 -0.67 0.00	33.42 -0.86 0.00	39.05 -1.08 0.00	44.81 -1.43 0.00	55.07 -1.18 0.00	55.08 -0.95 0.00	47.52 -0.67 0.00	40.84 -0.83 0.00	38.20 -0.42 0.00
S SALMON___HYD 24043	30.92 -0.47 -0.09	30.47 -0.49 -0.20	30.88 -0.50 0.00	30.24 -0.49 -0.01	31.88 -0.52 -0.01	35.84 -0.43 0.00	45.79 -0.60 0.00	51.56 -0.63 0.55	42.92 -0.57 0.00	38.41 -0.58 0.00	35.17 -0.46 0.00	32.02 -0.45 0.00	30.52 -0.50 0.00	30.26 -0.49 0.00	30.34 -0.49 0.00	31.45 -0.54 0.00	33.62 -0.65 0.00	39.37 -0.76 0.00	45.37 -0.74 0.14	55.64 -0.62 0.00	55.53 -0.51 0.00	47.76 -0.43 0.00	41.17 -0.50 0.00	38.16 -0.46 0.00
S.PERRY__115KV_TB1 80734	30.30 -1.22 -0.22	30.07 -1.17 -0.47	30.31 -1.07 0.00	29.60 -1.14 -0.01	31.22 -1.20 -0.03	35.29 -0.98 0.00	45.32 -1.07 0.00	51.73 -1.00 0.00	43.14 -0.35 0.00	38.68 -0.31 0.00	35.28 -0.36 0.00	31.86 -0.62 0.00	30.21 -0.81 0.00	29.83 -0.92 0.00	29.88 -0.96 0.00	31.16 -0.83 0.00	33.31 -0.96 0.00	39.25 -0.88 0.00	45.32 -0.92 0.00	56.14 -0.11 0.00	56.42 0.39 0.00	48.73 0.53 0.00	41.71 0.04 0.00	39.24 0.62 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.22 -3.29 -0.21	28.01 -3.20 -0.44	28.34 -3.04 0.00	27.70 -3.04 -0.01	29.11 -3.30 -0.02	32.90 -3.37 0.00	41.94 -4.45 0.00	47.78 -4.96 0.00	40.71 -2.78 0.00	36.77 -2.22 0.00	33.92 -1.71 0.00	30.63 -1.85 0.00	29.06 -1.95 0.00	28.60 -2.15 0.00	28.61 -2.22 0.00	29.82 -2.18 0.00	31.87 -2.40 0.00	37.20 -2.93 0.00	42.69 -3.56 0.00	52.26 -3.99 0.00	52.33 -3.70 0.00	45.93 -2.27 0.00	39.42 -2.25 0.00	37.31 -1.31 0.00

SAWYER___23_KV_LOAD 55526	28.22 -3.29 -0.21	28.01 -3.20 -0.44	28.34 -3.04 0.00	27.70 -3.04 -0.01	29.11 -3.30 -0.02	32.90 -3.37 0.00	41.94 -4.45 0.00	47.78 -4.96 0.00	40.71 -2.78 0.00	36.77 -2.22 0.00	33.92 -1.71 0.00	30.63 -1.85 0.00	29.06 -1.95 0.00	28.60 -2.15 0.00	28.61 -2.22 0.00	29.82 -2.18 0.00	31.87 -2.40 0.00	37.20 -2.93 0.00	42.69 -3.56 0.00	52.26 -3.99 0.00	52.33 -3.70 0.00	45.93 -2.27 0.00	39.42 -2.25 0.00	37.31 -1.31 0.00
SELKIRK___I 23801	33.89 1.06 -1.53	35.09 1.08 -3.24	32.57 1.19 0.00	31.98 1.17 -0.09	33.80 1.23 -0.18	37.58 1.30 0.00	48.11 1.72 0.00	54.27 1.53 0.00	44.62 1.13 0.00	39.97 0.98 0.00	36.52 0.89 0.00	33.29 0.81 0.00	31.82 0.81 0.00	31.58 0.83 0.00	31.60 0.77 0.00	32.82 0.83 0.00	35.23 0.96 0.00	41.50 1.37 0.00	47.87 1.62 0.00	58.11 1.85 0.00	57.82 1.79 0.00	49.69 1.50 0.00	42.97 1.29 0.00	39.82 1.20 0.00
SELKIRK___II 23799	33.85 1.00 -1.55	35.03 0.98 -3.28	32.45 1.07 0.00	31.89 1.07 -0.09	33.68 1.10 -0.18	37.43 1.16 0.00	47.97 1.58 0.00	54.06 1.32 0.00	44.49 1.00 0.00	39.97 0.98 0.00	36.52 0.89 0.00	33.29 0.81 0.00	31.85 0.84 0.00	31.61 0.86 0.00	31.67 0.83 0.00	32.85 0.86 0.00	35.27 0.99 0.00	41.50 1.37 0.00	47.87 1.62 0.00	58.00 1.75 0.00	57.66 1.63 0.00	49.59 1.40 0.00	42.84 1.17 0.00	39.67 1.04 0.00
SENECA OSWGO___HYD 24041	30.83 -0.56 -0.10	30.43 -0.55 -0.21	30.82 -0.56 0.00	30.18 -0.55 -0.01	31.79 -0.62 -0.01	35.62 -0.65 0.00	45.60 -0.79 0.00	51.84 -0.90 0.00	42.84 -0.65 0.00	38.41 -0.58 0.00	35.17 -0.46 0.00	32.02 -0.45 0.00	30.55 -0.46 0.00	30.26 -0.49 0.00	30.31 -0.52 0.00	31.48 -0.51 0.00	33.66 -0.62 0.00	39.37 -0.76 0.00	45.37 -0.88 0.00	55.35 -0.90 0.00	55.19 -0.84 0.00	47.47 -0.72 0.00	40.88 -0.79 0.00	37.93 -0.69 0.00
SENECA___115KV_TB3 355854	28.29 -3.22 -0.22	28.06 -3.17 -0.45	28.59 -2.79 0.00	27.97 -2.77 -0.01	29.21 -3.21 -0.03	33.26 -3.01 0.00	42.49 -3.90 0.00	48.41 -4.32 0.00	41.23 -2.26 0.00	37.24 -1.75 0.00	34.28 -1.35 0.00	30.95 -1.53 0.00	29.34 -1.67 0.00	28.87 -1.88 0.00	28.89 -1.94 0.00	30.14 -1.86 0.00	32.18 -2.09 0.00	37.69 -2.45 0.00	43.24 -3.01 0.00	52.94 -3.32 0.00	53.12 -2.91 0.00	46.51 -1.69 0.00	39.96 -1.71 0.00	37.81 -0.81 0.00
SENECA___ENERGY 23797	30.80 -0.66 -0.16	30.47 -0.65 -0.35	30.78 -0.60 0.00	30.15 -0.58 -0.01	31.80 -0.62 -0.02	35.77 -0.51 0.00	45.88 -0.51 0.00	52.16 -0.58 0.00	43.36 -0.13 0.00	38.80 -0.19 0.00	35.53 -0.11 0.00	32.25 -0.23 0.00	30.73 -0.28 0.00	30.41 -0.34 0.00	30.43 -0.40 0.00	31.64 -0.35 0.00	33.86 -0.41 0.00	39.61 -0.52 0.00	45.65 -0.60 0.00	55.80 -0.45 0.00	55.81 -0.22 0.00	48.00 -0.19 0.00	41.30 -0.38 0.00	38.51 -0.12 0.00
SHOEMAKER___GT 23640	34.11 1.66 -1.16	34.82 1.60 -2.45	33.01 1.63 0.00	32.42 1.63 -0.07	34.21 1.68 -0.14	38.16 1.89 0.00	48.99 2.60 0.00	55.74 3.00 0.00	45.79 2.30 0.00	41.02 2.03 0.00	37.41 1.78 0.00	34.10 1.62 0.00	32.60 1.58 0.00	32.29 1.54 0.00	32.41 1.57 0.00	33.62 1.63 0.00	36.16 1.88 0.00	42.34 2.21 0.00	48.84 2.59 0.00	59.40 3.15 0.00	59.06 3.02 0.00	50.70 2.50 0.00	43.80 2.12 0.00	40.48 1.85 0.00
SHOEMAKR_138KV_BK 111 55601	34.10 1.66 -1.15	34.80 1.60 -2.43	33.01 1.63 0.00	32.42 1.63 -0.07	34.21 1.68 -0.14	38.16 1.89 0.00	48.99 2.60 0.00	55.74 3.01 0.00	45.84 2.35 0.00	41.06 2.07 0.00	37.45 1.82 0.00	34.14 1.66 0.00	32.60 1.58 0.00	32.32 1.57 0.00	32.44 1.60 0.00	33.65 1.66 0.00	36.19 1.92 0.00	42.42 2.29 0.00	48.88 2.64 0.00	59.41 3.15 0.00	59.06 3.03 0.00	50.70 2.51 0.00	43.84 2.17 0.00	40.48 1.85 0.00
SHOREHAM_IC_1 23715	35.77 3.10 -1.37	36.22 2.74 -2.71	34.27 2.89 0.00	33.60 2.80 -0.07	35.30 2.75 -0.15	39.65 3.37 0.00	51.31 4.78 -0.15	58.56 5.32 -0.50	47.81 3.74 -0.58	42.94 3.28 -0.67	38.78 2.39 -0.76	35.93 2.54 -0.92	34.42 2.45 -0.96	34.19 2.46 -0.98	34.31 2.50 -0.98	35.27 2.33 -0.95	37.77 2.64 -0.86	44.32 3.57 -0.62	50.96 4.44 -0.27	61.66 5.40 0.00	61.93 4.76 -1.14	52.45 4.09 -0.16	45.61 3.58 -0.35	41.30 2.51 -0.16
SHOREHAM_IC_2 23716	35.77 3.10 -1.37	36.22 2.74 -2.71	34.27 2.89 0.00	33.60 2.80 -0.07	35.30 2.75 -0.15	39.65 3.37 0.00	51.31 4.78 -0.15	58.56 5.32 -0.50	47.81 3.74 -0.58	42.94 3.28 -0.67	38.78 2.39 -0.76	35.93 2.54 -0.92	34.42 2.45 -0.96	34.19 2.46 -0.98	34.31 2.50 -0.98	35.27 2.33 -0.95	37.77 2.64 -0.86	44.32 3.57 -0.62	50.96 4.44 -0.27	61.66 5.40 0.00	61.93 4.76 -1.14	52.45 4.09 -0.16	45.61 3.58 -0.35	41.30 2.51 -0.16
SISSONVILLE____ 23735	35.49 -1.44 -5.64	34.92 -1.42 -5.56	35.58 -1.44 -5.65	34.86 -1.41 -5.54	36.66 -1.52 -5.79	41.06 -1.56 -6.34	51.66 -2.41 -7.68	50.42 -2.64 -0.32	48.71 -2.09 -7.30	43.75 -1.95 -6.70	40.06 -1.82 -6.24	36.57 -1.69 -5.78	35.01 -1.58 -5.58	34.92 -1.38 -5.55	35.11 -1.30 -5.57	36.22 -1.50 -5.73	38.68 -1.65 -6.06	45.06 -1.93 -6.85	49.50 -2.36 -5.61	62.40 -2.87 -9.02	62.34 -2.69 -9.00	53.77 -2.36 -7.94	46.10 -1.63 -6.05	42.76 -1.47 -5.60
SITHE_IND_GS1 24169	30.47 -0.91 -0.08	30.05 -0.89 -0.17	30.47 -0.91 0.00	29.84 -0.89 0.00	31.46 -0.94 -0.01	35.19 -1.09 0.00	44.90 -1.49 0.00	51.05 -1.69 0.00	42.19 -1.30 0.00	37.86 -1.13 0.00	34.64 -1.00 0.00	31.57 -0.91 0.00	30.15 -0.87 0.00	29.86 -0.89 0.00	29.91 -0.92 0.00	31.06 -0.93 0.00	33.21 -1.06 0.00	38.85 -1.29 0.00	44.72 -1.53 0.00	54.51 -1.74 0.00	54.35 -1.68 0.00	46.75 -1.44 0.00	40.38 -1.29 0.00	37.46 -1.16 0.00
SITHE_IND_GS2 24170	30.47 -0.91 -0.08	30.05 -0.89 -0.17	30.47 -0.91 0.00	29.84 -0.89 0.00	31.46 -0.94 -0.01	35.19 -1.09 0.00	44.90 -1.49 0.00	51.05 -1.69 0.00	42.19 -1.30 0.00	37.86 -1.13 0.00	34.64 -1.00 0.00	31.57 -0.91 0.00	30.15 -0.87 0.00	29.86 -0.89 0.00	29.91 -0.92 0.00	31.06 -0.93 0.00	33.21 -1.06 0.00	38.85 -1.29 0.00	44.72 -1.53 0.00	54.51 -1.74 0.00	54.35 -1.68 0.00	46.75 -1.44 0.00	40.38 -1.29 0.00	37.46 -1.16 0.00
SITHE_IND_GS3 24171	30.47 -0.91 -0.08	30.05 -0.89 -0.17	30.47 -0.91 0.00	29.84 -0.89 0.00	31.46 -0.94 -0.01	35.19 -1.09 0.00	44.90 -1.49 0.00	51.05 -1.69 0.00	42.19 -1.30 0.00	37.86 -1.13 0.00	34.64 -1.00 0.00	31.57 -0.91 0.00	30.15 -0.87 0.00	29.86 -0.89 0.00	29.91 -0.92 0.00	31.06 -0.93 0.00	33.21 -1.06 0.00	38.85 -1.29 0.00	44.72 -1.53 0.00	54.51 -1.74 0.00	54.35 -1.68 0.00	46.75 -1.44 0.00	40.38 -1.29 0.00	37.46 -1.16 0.00
SITHE_IND_GS4 24172	30.47 -0.91 -0.08	30.05 -0.89 -0.17	30.47 -0.91 0.00	29.84 -0.89 0.00	31.46 -0.94 -0.01	35.19 -1.09 0.00	44.90 -1.49 0.00	51.05 -1.69 0.00	42.19 -1.30 0.00	37.86 -1.13 0.00	34.64 -1.00 0.00	31.57 -0.91 0.00	30.15 -0.87 0.00	29.86 -0.89 0.00	29.91 -0.92 0.00	31.06 -0.93 0.00	33.21 -1.06 0.00	38.85 -1.29 0.00	44.72 -1.53 0.00	54.51 -1.74 0.00	54.35 -1.68 0.00	46.75 -1.44 0.00	40.38 -1.29 0.00	37.46 -1.16 0.00

SITHE___BATAVIA 24024	29.22 -2.25 -0.18	28.97 -2.18 -0.38	29.25 -2.13 0.00	28.71 -2.03 -0.01	30.15 -2.27 -0.02	33.99 -2.28 0.00	43.42 -2.97 0.00	49.57 -3.16 0.00	42.01 -1.48 0.00	37.71 -1.29 0.00	34.85 -0.78 0.00	31.51 -0.97 0.00	29.90 -1.12 0.00	29.43 -1.32 0.00	29.45 -1.39 0.00	30.71 -1.28 0.00	32.70 -1.58 0.00	38.05 -2.09 0.00	43.56 -2.68 0.00	53.95 -2.31 0.00	54.29 -1.74 0.00	47.04 -1.16 0.00	40.51 -1.17 0.00	38.12 -0.50 0.00
SITHE___INDEPEND 23800	30.47 -0.91 -0.08	30.05 -0.89 -0.17	30.47 -0.91 0.00	29.81 -0.92 0.00	31.46 -0.94 -0.01	35.19 -1.09 0.00	44.91 -1.48 0.00	51.05 -1.69 0.00	42.19 -1.30 0.00	37.87 -1.13 0.00	34.64 -1.00 0.00	31.57 -0.91 0.00	30.15 -0.87 0.00	29.86 -0.89 0.00	29.91 -0.93 0.00	31.06 -0.93 0.00	33.21 -1.06 0.00	38.85 -1.28 0.00	44.77 -1.48 0.00	54.57 -1.69 0.00	54.35 -1.68 0.00	46.75 -1.45 0.00	40.34 -1.33 0.00	37.46 -1.16 0.00
SITHE___MASSENA 23902	32.00 -0.63 -1.33	31.47 -0.62 -1.31	32.08 -0.63 -1.33	31.39 -0.65 -1.31	33.07 -0.68 -1.36	37.04 -0.73 -1.50	46.90 -1.30 -1.80	44.53 -1.42 6.79	44.21 -1.00 -1.72	39.68 -0.90 -1.58	36.29 -0.82 -1.47	33.06 -0.78 -1.36	31.62 -0.71 -1.32	31.41 -0.65 -1.31	31.56 -0.59 -1.31	32.67 -0.67 -1.35	34.95 -0.75 -1.43	40.87 -0.88 -1.62	44.65 -1.20 0.40	56.86 -1.52 -2.13	56.75 -1.40 -2.12	48.91 -1.16 -1.87	42.48 -0.62 -1.43	39.44 -0.50 -1.32
SITHE___OGDNSBRG 24021	34.70 -0.56 -3.96	34.16 -0.52 -3.91	34.82 -0.53 -3.97	34.10 -0.52 -3.90	35.88 -0.58 -4.07	40.26 -0.47 -4.46	50.81 -0.97 -5.40	49.19 -1.11 2.44	47.71 -0.91 -5.13	42.69 -1.01 -4.71	39.06 -0.96 -4.39	35.60 -0.94 -4.06	34.07 -0.87 -3.92	33.88 -0.77 -3.90	34.10 -0.65 -3.92	35.25 -0.77 -4.03	37.74 -0.79 -4.26	44.07 -0.88 -4.82	48.51 -1.02 -3.27	61.47 -1.13 -6.34	61.40 -0.95 -6.33	52.91 -0.87 -5.58	45.60 -0.33 -4.26	42.33 -0.23 -3.94
SITHE___STERLING 23777	32.03 0.66 -0.08	31.58 0.65 -0.16	32.10 0.72 0.00	31.41 0.68 0.00	33.11 0.71 -0.01	37.29 1.01 0.00	47.83 1.44 0.00	54.47 1.74 0.00	44.88 1.39 0.00	40.13 1.13 0.00	36.67 1.03 0.00	33.42 0.94 0.00	31.82 0.81 0.00	31.55 0.80 0.00	31.67 0.83 0.00	32.89 0.89 0.00	35.27 0.99 0.00	41.22 1.08 0.00	47.63 1.39 0.00	58.17 1.91 0.00	57.99 1.96 0.00	49.78 1.59 0.00	42.88 1.21 0.00	39.74 1.12 0.00
SLEIGHT__34_KV_TB1 80719	30.44 -1.00 -0.15	30.14 -0.95 -0.32	30.31 -1.07 0.00	29.63 -1.11 -0.01	31.37 -1.04 -0.02	35.19 -1.09 0.00	45.04 -1.35 0.00	51.42 -1.32 0.00	42.84 -0.65 0.00	38.53 -0.47 0.00	35.31 -0.32 0.00	32.09 -0.39 0.00	30.55 -0.47 0.00	30.23 -0.52 0.00	30.22 -0.62 0.00	31.45 -0.54 0.00	33.55 -0.72 0.00	39.21 -0.92 0.00	45.09 -1.16 0.00	55.24 -1.01 0.00	55.19 -0.84 0.00	47.52 -0.67 0.00	40.80 -0.88 0.00	38.08 -0.54 0.00
SOUTH CAIRO___GT 23612	33.94 1.16 -1.49	35.12 1.20 -3.14	33.17 1.79 0.00	32.56 1.75 -0.08	34.41 1.85 -0.18	38.38 2.10 0.00	49.22 2.83 0.00	55.27 2.53 0.00	45.32 1.83 0.00	40.79 1.79 0.00	37.13 1.50 0.00	33.75 1.27 0.00	32.29 1.27 0.00	32.07 1.32 0.00	32.10 1.26 0.00	33.40 1.41 0.00	36.02 1.75 0.00	42.46 2.33 0.00	49.35 3.10 0.00	59.63 3.38 0.00	59.34 3.31 0.00	50.85 2.65 0.00	43.96 2.29 0.00	40.79 2.16 0.00
SOUTH HAMPTN___IC 23720	35.83 3.16 -1.37	36.28 2.80 -2.71	34.30 2.92 0.00	33.66 2.86 -0.07	35.36 2.82 -0.15	39.72 3.45 0.00	51.40 4.87 -0.15	58.72 5.48 -0.50	47.99 3.92 -0.58	43.10 3.43 -0.67	38.85 2.46 -0.76	36.00 2.60 -0.92	34.48 2.51 -0.96	34.24 2.52 -0.97	34.34 2.53 -0.98	35.36 2.43 -0.94	37.83 2.71 -0.86	44.40 3.65 -0.62	51.00 4.48 -0.27	61.77 5.52 0.00	62.10 4.93 -1.14	52.55 4.19 -0.16	45.65 3.62 -0.35	41.49 2.70 -0.16
SOUTHDOW_115KV_TB1 355954	28.43 -3.10 -0.24	28.19 -3.08 -0.50	29.12 -2.26 0.00	28.50 -2.24 -0.01	29.50 -2.92 -0.03	34.02 -2.25 0.00	43.79 -2.60 0.00	50.20 -2.53 0.00	42.62 -0.87 0.00	38.37 -0.62 0.00	35.17 -0.46 0.00	31.73 -0.75 0.00	29.96 -1.05 0.00	29.49 -1.26 0.00	29.45 -1.39 0.00	30.71 -1.28 0.00	32.90 -1.37 0.00	38.81 -1.32 0.00	44.63 -1.62 0.00	54.90 -1.35 0.00	55.14 -0.90 0.00	48.20 0.00 0.00	41.51 -0.17 0.00	39.43 0.81 0.00
SOUTHOLD_69_KV_BK 2 55809	35.71 3.04 -1.37	36.16 2.68 -2.71	34.20 2.82 0.00	33.50 2.70 -0.07	35.23 2.69 -0.15	39.61 3.34 0.00	51.31 4.78 -0.15	58.72 5.48 -0.50	47.94 3.87 -0.58	42.98 3.31 -0.67	38.57 2.17 -0.76	35.77 2.37 -0.92	34.21 2.23 -0.96	34.00 2.28 -0.97	34.09 2.28 -0.98	35.33 2.40 -0.94	37.63 2.50 -0.86	44.36 3.61 -0.62	50.73 4.21 -0.27	61.32 5.06 0.00	61.65 4.48 -1.14	52.45 4.10 -0.16	45.48 3.46 -0.35	41.76 2.97 -0.16
SOUTHOLD___IC 23719	35.70 3.03 -1.37	36.16 2.68 -2.71	34.21 2.83 0.00	33.53 2.73 -0.07	35.23 2.69 -0.15	39.61 3.34 0.00	51.31 4.78 -0.15	58.67 5.43 -0.50	47.90 3.83 -0.58	42.98 3.31 -0.67	38.57 2.17 -0.76	35.77 2.37 -0.92	34.21 2.23 -0.96	34.00 2.28 -0.97	34.09 2.28 -0.98	35.11 2.18 -0.94	37.60 2.47 -0.86	44.16 3.41 -0.62	50.68 4.16 -0.27	61.49 5.23 0.00	61.77 4.60 -1.14	52.26 3.90 -0.16	45.36 3.34 -0.35	41.41 2.63 -0.16
SOUTH_FORK_WT_PWR 323839	35.39 2.72 -1.37	35.85 2.37 -2.71	33.86 2.48 0.00	33.23 2.43 -0.07	34.91 2.36 -0.15	39.25 2.98 0.00	50.85 4.31 -0.15	58.09 4.85 -0.50	47.42 3.35 -0.58	42.59 2.93 -0.67	38.03 1.64 -0.76	35.31 1.92 -0.92	33.80 1.83 -0.96	33.57 1.84 -0.97	33.69 1.88 -0.98	34.66 1.73 -0.94	37.15 2.02 -0.86	43.60 2.85 -0.62	50.03 3.51 -0.27	60.65 4.39 0.00	60.93 3.75 -1.14	51.54 3.18 -0.16	44.73 2.71 -0.35	40.99 2.20 -0.16
SPIERFLS_115KV_TB 1 80737	35.16 2.25 -1.61	36.39 2.22 -3.40	33.67 2.29 0.00	33.09 2.27 -0.09	35.08 2.49 -0.19	39.21 2.94 0.00	50.38 3.99 0.00	57.17 4.43 0.00	47.01 3.52 0.00	42.04 3.04 0.00	38.31 2.67 0.00	34.92 2.44 0.00	33.34 2.33 0.00	33.18 2.43 0.00	33.02 2.19 0.00	34.39 2.40 0.00	36.98 2.71 0.00	43.47 3.33 0.00	49.53 3.28 0.00	60.31 4.05 0.00	60.07 4.03 0.00	51.33 3.13 0.00	44.30 2.63 0.00	40.94 2.32 0.00
ST LAWRENCE____ 23600	30.54 -0.75 0.00	30.03 -0.74 0.00	30.60 -0.78 0.00	29.96 -0.77 0.00	31.61 -0.78 0.00	35.37 -0.91 0.00	45.04 -1.35 0.01	42.33 -1.48 8.93	42.27 -1.22 0.00	37.90 -1.09 0.00	34.64 -1.00 0.00	31.53 -0.94 0.01	30.15 -0.87 0.00	29.92 -0.83 0.00	30.03 -0.80 0.00	31.13 -0.86 0.00	33.31 -0.96 0.00	39.05 -1.08 0.00	42.67 -1.34 2.24	54.62 -1.63 0.00	54.41 -1.63 0.00	46.85 -1.35 0.00	40.76 -0.92 0.00	37.81 -0.81 0.00
STATE_CA_115KV_115_LB 55624	33.96 1.10 -1.57	35.18 1.08 -3.33	32.54 1.16 0.00	31.95 1.14 -0.09	33.78 1.20 -0.19	37.51 1.23 0.00	47.97 1.58 0.00	53.79 1.05 0.00	44.27 0.78 0.00	39.70 0.70 0.00	36.42 0.78 0.00	33.26 0.78 0.00	31.82 0.81 0.00	31.61 0.86 0.00	31.60 0.77 0.00	32.92 0.93 0.00	35.30 1.03 0.00	41.58 1.44 0.00	47.91 1.66 0.00	58.17 1.91 0.00	57.88 1.85 0.00	49.64 1.45 0.00	42.92 1.25 0.00	39.74 1.12 0.00

STATE_ST_34_KV_LOAD 55959	31.21 -0.25 -0.16	30.90 -0.22 -0.34	31.19 -0.19 0.00	30.49 -0.25 -0.01	32.18 -0.23 -0.02	36.16 -0.11 0.00	46.39 0.00 0.00	52.74 0.00 0.00	43.66 0.17 0.00	39.15 0.16 0.00	35.81 0.18 0.00	32.58 0.10 0.00	31.05 0.03 0.00	30.75 0.00 0.00	30.80 -0.03 0.00	31.99 0.00 0.00	34.24 -0.03 0.00	40.09 -0.04 0.00	46.25 0.00 0.00	56.48 0.23 0.00	56.31 0.28 0.00	48.44 0.24 0.00	41.63 -0.04 0.00	38.70 0.08 0.00
STATION 5_MISC_HYD 23604	30.17 -1.28 -0.15	29.87 -1.23 -0.33	29.94 -1.44 0.00	29.35 -1.38 -0.01	30.99 -1.42 -0.02	34.71 -1.56 0.00	44.35 -2.04 0.00	50.57 -2.16 0.00	42.45 -1.04 0.00	38.14 -0.86 0.00	35.13 -0.50 0.00	31.86 -0.62 0.00	30.33 -0.68 0.00	29.92 -0.83 0.00	29.94 -0.90 0.00	31.19 -0.80 0.00	33.24 -1.03 0.00	38.73 -1.41 0.00	44.40 -1.85 0.00	54.68 -1.57 0.00	54.80 -1.23 0.00	47.23 -0.96 0.00	40.67 -1.00 0.00	38.08 -0.54 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.48 -0.97 -0.16	30.18 -0.92 -0.33	30.38 -1.00 0.00	29.72 -1.01 -0.01	31.41 -1.00 -0.02	35.26 -1.02 0.00	45.04 -1.35 0.00	51.36 -1.37 0.00	42.84 -0.65 0.00	38.53 -0.47 0.00	35.28 -0.36 0.00	31.99 -0.49 0.00	30.46 -0.56 0.00	30.10 -0.65 0.00	30.12 -0.71 0.00	31.35 -0.64 0.00	33.48 -0.79 0.00	39.17 -0.96 0.00	45.09 -1.16 0.00	55.24 -1.01 0.00	55.25 -0.78 0.00	47.62 -0.58 0.00	40.88 -0.79 0.00	38.24 -0.39 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.07 -1.38 -0.15	29.77 -1.32 -0.32	29.87 -1.51 0.00	29.20 -1.54 -0.01	30.95 -1.46 -0.02	34.64 -1.63 0.00	44.26 -2.13 0.00	50.52 -2.21 0.00	42.32 -1.17 0.00	38.10 -0.90 0.00	34.99 -0.64 0.00	31.73 -0.75 0.00	30.24 -0.78 0.00	29.83 -0.92 0.00	29.88 -0.96 0.00	31.09 -0.90 0.00	33.14 -1.13 0.00	38.73 -1.40 0.00	44.49 -1.76 0.00	54.62 -1.63 0.00	54.58 -1.46 0.00	47.14 -1.06 0.00	40.46 -1.21 0.00	37.89 -0.73 0.00
STA_56___34_KV_BUS2 355983	30.07 -1.38 -0.15	29.77 -1.32 -0.32	29.87 -1.51 0.00	29.20 -1.54 -0.01	30.95 -1.46 -0.02	34.64 -1.63 0.00	44.26 -2.13 0.00	50.52 -2.21 0.00	42.32 -1.17 0.00	38.10 -0.90 0.00	34.99 -0.64 0.00	31.73 -0.75 0.00	30.24 -0.78 0.00	29.83 -0.92 0.00	29.88 -0.96 0.00	31.09 -0.90 0.00	33.14 -1.13 0.00	38.73 -1.40 0.00	44.49 -1.76 0.00	54.62 -1.63 0.00	54.58 -1.46 0.00	47.14 -1.06 0.00	40.46 -1.21 0.00	37.89 -0.73 0.00
STA_67___115KV_BK2 355882	30.10 -1.35 -0.15	29.81 -1.29 -0.33	29.91 -1.47 0.00	29.23 -1.51 -0.01	30.99 -1.43 -0.02	34.64 -1.63 0.00	44.26 -2.13 0.00	50.52 -2.21 0.00	42.36 -1.13 0.00	38.14 -0.86 0.00	35.03 -0.61 0.00	31.76 -0.71 0.00	30.24 -0.78 0.00	29.86 -0.89 0.00	29.88 -0.96 0.00	31.13 -0.86 0.00	33.18 -1.10 0.00	38.77 -1.36 0.00	44.54 -1.71 0.00	54.62 -1.63 0.00	54.63 -1.40 0.00	47.23 -0.96 0.00	40.55 -1.13 0.00	37.97 -0.66 0.00
STA_7___115KV_9TRANS 80674	30.26 -1.19 -0.15	29.96 -1.14 -0.33	30.06 -1.32 0.00	29.38 -1.35 -0.01	31.15 -1.26 -0.02	34.86 -1.41 0.00	44.53 -1.86 0.00	50.89 -1.85 0.00	42.62 -0.87 0.00	38.45 -0.55 0.00	35.31 -0.32 0.00	31.99 -0.49 0.00	30.46 -0.56 0.00	30.07 -0.68 0.00	30.09 -0.74 0.00	31.32 -0.67 0.00	33.42 -0.86 0.00	39.05 -1.08 0.00	44.81 -1.43 0.00	55.07 -1.18 0.00	55.08 -0.95 0.00	47.52 -0.67 0.00	40.84 -0.83 0.00	38.20 -0.42 0.00
STA_82___115KV_TB1 80780	30.11 -1.35 -0.15	29.81 -1.29 -0.33	29.91 -1.47 0.00	29.23 -1.51 -0.01	30.99 -1.43 -0.02	34.68 -1.60 0.00	44.26 -2.13 0.00	50.57 -2.16 0.00	42.36 -1.13 0.00	38.18 -0.82 0.00	35.06 -0.57 0.00	31.80 -0.68 0.00	30.27 -0.74 0.00	29.86 -0.89 0.00	29.88 -0.96 0.00	31.13 -0.86 0.00	33.18 -1.10 0.00	38.77 -1.36 0.00	44.54 -1.71 0.00	54.68 -1.58 0.00	54.63 -1.40 0.00	47.23 -0.96 0.00	40.59 -1.08 0.00	38.00 -0.62 0.00
STEEL___WIND 323596	28.23 -3.29 -0.22	28.00 -3.23 -0.45	28.56 -2.82 0.00	28.04 -2.70 -0.01	29.31 -3.11 -0.03	33.19 -3.08 0.00	42.40 -3.99 0.00	48.25 -4.48 0.00	41.14 -2.35 0.00	36.93 -2.07 0.00	34.21 -1.43 0.00	30.89 -1.59 0.00	29.28 -1.74 0.00	28.81 -1.94 0.00	28.83 -2.00 0.00	30.07 -1.92 0.00	32.08 -2.19 0.00	37.29 -2.85 0.00	42.73 -3.52 0.00	52.65 -3.60 0.00	53.06 -2.97 0.00	46.27 -1.93 0.00	39.96 -1.71 0.00	37.77 -0.85 0.00
STEPHTWN_115KV_BK_2 55603	34.14 1.28 -1.56	35.36 1.29 -3.29	32.76 1.38 0.00	32.17 1.35 -0.09	34.00 1.43 -0.18	37.80 1.52 0.00	48.38 1.99 0.00	54.21 1.48 0.00	44.62 1.13 0.00	39.93 0.94 0.00	36.63 1.00 0.00	33.42 0.94 0.00	31.98 0.96 0.00	31.76 1.01 0.00	31.76 0.93 0.00	33.08 1.09 0.00	35.51 1.23 0.00	41.86 1.73 0.00	48.28 2.03 0.00	58.62 2.36 0.00	58.33 2.30 0.00	50.03 1.83 0.00	43.21 1.54 0.00	40.01 1.39 0.00
STEUBEN_REC_LFGE 323667	28.79 -2.79 -0.28	28.57 -2.80 -0.59	29.03 -2.35 0.00	28.35 -2.40 -0.02	29.70 -2.72 -0.03	33.84 -2.43 0.00	43.61 -2.78 0.00	49.73 -3.01 0.00	41.79 -1.70 0.00	37.48 -1.52 0.00	34.14 -1.50 0.00	30.76 -1.72 0.00	29.22 -1.80 0.00	28.84 -1.91 0.00	28.80 -2.04 0.00	30.01 -1.98 0.00	32.11 -2.16 0.00	37.81 -2.33 0.00	43.70 -2.54 0.00	53.78 -2.48 0.00	54.13 -1.91 0.00	47.09 -1.11 0.00	40.38 -1.29 0.00	38.58 -0.04 0.00
STILLWATER___SOLAR 323814	34.84 1.94 -1.61	36.04 1.88 -3.39	33.33 1.95 0.00	32.76 1.94 -0.09	34.69 2.10 -0.19	38.67 2.39 0.00	49.68 3.29 0.00	56.22 3.48 0.00	46.23 2.74 0.00	41.38 2.38 0.00	37.74 2.10 0.00	34.40 1.92 0.00	32.87 1.86 0.00	32.66 1.91 0.00	32.62 1.79 0.00	33.94 1.95 0.00	36.43 2.16 0.00	42.90 2.77 0.00	49.16 2.92 0.00	59.74 3.49 0.00	59.45 3.42 0.00	50.94 2.75 0.00	44.00 2.33 0.00	40.67 2.05 0.00
STONY___BROOK 24151	35.99 3.32 -1.37	36.47 2.98 -2.71	34.49 3.11 0.00	33.81 3.01 -0.07	35.56 3.01 -0.15	39.90 3.63 0.00	51.55 5.01 -0.15	58.89 5.65 -0.51	48.29 4.22 -0.58	43.50 3.82 -0.67	39.53 3.14 -0.77	36.43 3.02 -0.92	34.93 2.95 -0.97	34.65 2.92 -0.98	34.78 2.96 -0.98	35.88 2.94 -0.95	38.43 3.29 -0.86	44.85 4.10 -0.62	51.47 4.95 -0.27	62.11 5.85 0.00	62.61 5.43 -1.15	53.13 4.77 -0.16	46.07 4.04 -0.35	42.11 3.32 -0.16
STURGEON_POOL_HYD 23609	34.42 1.82 -1.30	35.32 1.78 -2.76	33.39 2.01 0.00	32.80 2.00 -0.07	34.59 2.04 -0.15	38.59 2.32 0.00	49.59 3.20 0.00	56.37 3.64 0.00	46.32 2.83 0.00	41.45 2.46 0.00	37.77 2.14 0.00	34.46 1.98 0.00	32.94 1.92 0.00	32.65 1.91 0.00	32.78 1.94 0.00	33.97 1.98 0.00	36.53 2.26 0.00	42.86 2.73 0.00	49.35 3.10 0.00	60.08 3.83 0.00	59.73 3.70 0.00	51.28 3.08 0.00	44.34 2.67 0.00	40.94 2.32 0.00
ST_LAW_115_BK7_LBMP 345037	30.51 -0.78 0.00	30.00 -0.77 0.00	30.56 -0.82 0.00	29.90 -0.83 0.00	31.55 -0.84 0.00	35.33 -0.94 0.00	44.99 -1.39 0.01	42.33 -1.58 8.83	42.19 -1.30 0.00	37.86 -1.13 0.00	34.57 -1.07 0.00	31.46 -1.01 0.01	30.08 -0.93 0.00	29.89 -0.86 0.00	30.00 -0.83 0.00	31.10 -0.90 0.00	33.28 -0.99 0.00	38.97 -1.17 0.00	42.65 -1.39 2.21	54.51 -1.74 0.00	54.35 -1.68 0.00	46.80 -1.40 0.00	40.72 -0.96 0.00	37.77 -0.85 0.00

ST_LAW_115_BK8_LBMP 345038	30.51 -0.78 0.00	30.00 -0.77 0.00	30.56 -0.82 0.00	29.90 -0.83 0.00	31.55 -0.84 0.00	35.33 -0.94 0.00	44.99 -1.39 0.01	42.33 -1.58 8.83	42.19 -1.30 0.00	37.86 -1.13 0.00	34.57 -1.07 0.00	31.46 -1.01 0.01	30.08 -0.93 0.00	29.89 -0.86 0.00	30.00 -0.83 0.00	31.10 -0.90 0.00	33.28 -0.99 0.00	38.97 -1.17 0.00	42.65 -1.39 2.21	54.51 -1.74 0.00	54.35 -1.68 0.00	46.80 -1.40 0.00	40.72 -0.96 0.00	37.77 -0.85 0.00
ST_LAW_230_BK5_LBMP 345035	30.54 -0.75 0.00	30.03 -0.74 0.00	30.60 -0.78 0.00	29.96 -0.77 0.00	31.61 -0.78 0.00	35.37 -0.91 0.00	45.04 -1.35 0.01	42.24 -1.48 9.02	42.27 -1.22 0.00	37.90 -1.09 0.00	34.64 -1.00 0.00	31.53 -0.94 0.01	30.15 -0.87 0.00	29.92 -0.83 0.00	30.03 -0.80 0.00	31.13 -0.86 0.00	33.31 -0.96 0.00	39.05 -1.08 0.00	42.65 -1.34 2.26	54.62 -1.63 0.00	54.41 -1.63 0.00	46.85 -1.35 0.00	40.76 -0.92 0.00	37.81 -0.81 0.00
ST_LAW_230_BK6_LBMP 345036	30.54 -0.75 0.00	30.03 -0.74 0.00	30.60 -0.78 0.00	29.96 -0.77 0.00	31.61 -0.78 0.00	35.37 -0.91 0.00	45.04 -1.35 0.01	42.24 -1.48 9.02	42.27 -1.22 0.00	37.90 -1.09 0.00	34.64 -1.00 0.00	31.53 -0.94 0.01	30.15 -0.87 0.00	29.92 -0.83 0.00	30.03 -0.80 0.00	31.13 -0.86 0.00	33.31 -0.96 0.00	39.05 -1.08 0.00	42.65 -1.34 2.26	54.62 -1.63 0.00	54.41 -1.63 0.00	46.85 -1.35 0.00	40.76 -0.92 0.00	37.81 -0.81 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.36 1.88 -1.18	35.09 1.82 -2.50	33.23 1.85 0.00	32.61 1.81 -0.07	34.41 1.88 -0.14	38.41 2.14 0.00	49.27 2.88 0.00	56.16 3.43 0.00	46.19 2.70 0.00	41.38 2.38 0.00	37.70 2.07 0.00	34.36 1.88 0.00	32.84 1.83 0.00	32.53 1.78 0.00	32.65 1.82 0.00	33.88 1.89 0.00	36.43 2.16 0.00	42.74 2.61 0.00	49.21 2.96 0.00	59.80 3.54 0.00	59.45 3.42 0.00	50.99 2.80 0.00	44.09 2.42 0.00	40.71 2.09 0.00
SWANROAD_115KV_TB1 355699	27.74 -3.76 -0.20	27.53 -3.66 -0.42	27.74 -3.64 0.00	27.14 -3.60 -0.01	28.59 -3.82 -0.02	32.21 -4.06 0.00	41.01 -5.38 0.00	46.67 -6.06 0.00	39.84 -3.65 0.00	35.99 -3.00 0.00	33.21 -2.42 0.00	29.98 -2.50 0.00	28.47 -2.54 0.00	28.01 -2.74 0.00	28.03 -2.81 0.00	29.21 -2.78 0.00	31.19 -3.08 0.00	36.40 -3.73 0.00	41.72 -4.53 0.00	51.08 -5.18 0.00	51.16 -4.87 0.00	44.92 -3.28 0.00	38.59 -3.08 0.00	36.50 -2.12 0.00
SYNERGY___BIOGAS 323694	29.22 -2.25 -0.18	28.97 -2.18 -0.38	29.25 -2.13 0.00	28.59 -2.15 -0.01	30.11 -2.30 -0.02	33.99 -2.29 0.00	43.42 -2.97 0.00	49.68 -3.06 0.00	42.01 -1.48 0.00	37.90 -1.09 0.00	34.89 -0.75 0.00	31.47 -1.01 0.00	29.90 -1.12 0.00	29.43 -1.32 0.00	29.45 -1.39 0.00	30.71 -1.28 0.00	32.73 -1.54 0.00	38.29 -1.85 0.00	43.89 -2.36 0.00	54.12 -2.14 0.00	54.30 -1.74 0.00	47.18 -1.01 0.00	40.46 -1.21 0.00	38.12 -0.50 0.00
SYRACUSE___ENERGY_ST1 323597	31.27 -0.16 -0.13	30.89 -0.15 -0.27	31.22 -0.16 0.00	30.55 -0.18 -0.01	32.21 -0.19 -0.02	36.13 -0.15 0.00	46.25 -0.14 0.00	52.63 -0.11 0.00	43.49 0.00 0.00	39.04 0.04 0.00	35.70 0.07 0.00	32.51 0.03 0.00	31.01 0.00 0.00	30.72 -0.03 0.00	30.77 -0.06 0.00	31.96 -0.03 0.00	34.17 -0.10 0.00	39.97 -0.16 0.00	46.06 -0.18 0.00	56.20 -0.06 0.00	55.98 -0.06 0.00	48.15 -0.05 0.00	41.46 -0.21 0.00	38.51 -0.12 0.00
SYRACUSE___ENERGY_ST2 323598	31.27 -0.16 -0.13	30.89 -0.15 -0.27	31.22 -0.16 0.00	30.55 -0.18 -0.01	32.21 -0.19 -0.02	36.13 -0.15 0.00	46.25 -0.14 0.00	52.63 -0.11 0.00	43.49 0.00 0.00	39.04 0.04 0.00	35.70 0.07 0.00	32.51 0.03 0.00	31.01 0.00 0.00	30.72 -0.03 0.00	30.77 -0.06 0.00	31.96 -0.03 0.00	34.17 -0.10 0.00	39.97 -0.16 0.00	46.06 -0.18 0.00	56.20 -0.06 0.00	55.98 -0.06 0.00	48.15 -0.05 0.00	41.46 -0.21 0.00	38.51 -0.12 0.00
SYRACUSE___POWER 24017	31.21 -0.22 -0.14	30.84 -0.22 -0.29	31.16 -0.22 0.00	30.49 -0.25 -0.01	32.18 -0.23 -0.02	36.06 -0.22 0.00	46.20 -0.19 0.00	52.58 -0.16 0.00	43.49 0.00 0.00	39.00 0.00 0.00	35.67 0.04 0.00	32.48 0.00 0.00	31.01 0.00 0.00	30.72 -0.03 0.00	30.74 -0.09 0.00	31.96 -0.03 0.00	34.17 -0.10 0.00	39.97 -0.16 0.00	46.06 -0.18 0.00	56.20 -0.06 0.00	55.98 -0.06 0.00	48.15 -0.05 0.00	41.46 -0.21 0.00	38.51 -0.12 0.00
TALLMAN_138KV_BK151 55660	34.70 2.19 -1.21	35.43 2.09 -2.57	33.51 2.13 0.00	32.89 2.09 -0.07	34.71 2.17 -0.14	38.70 2.43 0.00	49.73 3.34 0.00	56.69 3.96 0.00	46.62 3.13 0.00	41.77 2.77 0.00	38.06 2.42 0.00	34.69 2.21 0.00	33.15 2.14 0.00	32.84 2.09 0.00	32.96 2.13 0.00	34.20 2.21 0.00	36.81 2.54 0.00	43.18 3.05 0.00	49.67 3.42 0.00	60.36 4.11 0.00	60.01 3.98 0.00	51.47 3.28 0.00	44.46 2.79 0.00	41.02 2.39 0.00
TEALLAVE_115KV_TB7 355573	31.10 -0.31 -0.11	30.70 -0.31 -0.24	31.07 -0.31 0.00	30.40 -0.34 -0.01	32.08 -0.32 -0.01	35.95 -0.33 0.00	46.02 -0.37 0.00	52.37 -0.37 0.00	43.32 -0.17 0.00	38.92 -0.08 0.00	35.56 -0.07 0.00	32.41 -0.06 0.00	30.92 -0.09 0.00	30.63 -0.12 0.00	30.68 -0.15 0.00	31.86 -0.13 0.00	34.07 -0.21 0.00	39.81 -0.32 0.00	45.88 -0.37 0.00	55.97 -0.28 0.00	55.75 -0.28 0.00	47.95 -0.24 0.00	41.30 -0.38 0.00	38.35 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	28.57 -2.91 -0.19	28.37 -2.80 -0.40	28.62 -2.76 0.00	27.97 -2.77 -0.01	29.47 -2.95 -0.02	33.23 -3.05 0.00	42.40 -3.99 0.00	48.41 -4.32 0.00	41.10 -2.39 0.00	37.12 -1.87 0.00	34.21 -1.43 0.00	30.89 -1.59 0.00	29.31 -1.71 0.00	28.84 -1.91 0.00	28.86 -1.97 0.00	30.10 -1.89 0.00	32.11 -2.16 0.00	37.53 -2.61 0.00	43.01 -3.24 0.00	52.82 -3.43 0.00	52.95 -3.08 0.00	46.22 -1.98 0.00	39.67 -2.00 0.00	37.46 -1.16 0.00
TEMPLE___115KV_TB 2 55572	31.13 -0.28 -0.11	30.74 -0.28 -0.24	31.10 -0.28 0.00	30.43 -0.31 -0.01	32.11 -0.29 -0.01	35.98 -0.29 0.00	46.07 -0.32 0.00	52.42 -0.32 0.00	43.36 -0.13 0.00	38.92 -0.08 0.00	35.60 -0.04 0.00	32.45 -0.03 0.00	30.95 -0.06 0.00	30.66 -0.09 0.00	30.71 -0.12 0.00	31.89 -0.10 0.00	34.07 -0.21 0.00	39.85 -0.28 0.00	45.92 -0.32 0.00	55.97 -0.28 0.00	55.81 -0.22 0.00	48.00 -0.19 0.00	41.30 -0.38 0.00	38.39 -0.23 0.00
TIANA____69_KV_BK 1 55817	35.86 3.19 -1.37	36.32 2.83 -2.71	34.36 2.98 0.00	33.66 2.86 -0.07	35.39 2.85 -0.15	39.76 3.48 0.00	51.45 4.92 -0.15	58.83 5.59 -0.50	48.07 4.00 -0.58	43.14 3.47 -0.67	38.96 2.57 -0.76	36.06 2.66 -0.92	34.52 2.54 -0.96	34.31 2.58 -0.97	34.40 2.59 -0.98	35.65 2.72 -0.94	37.94 2.81 -0.86	44.68 3.93 -0.62	51.14 4.62 -0.27	61.71 5.46 0.00	62.10 4.93 -1.14	52.89 4.53 -0.16	45.86 3.83 -0.35	41.88 3.09 -0.16
TILDEN___115KV_TB1 80814	31.21 -0.22 -0.14	30.84 -0.22 -0.29	31.16 -0.22 0.00	30.49 -0.25 -0.01	32.18 -0.23 -0.02	36.06 -0.22 0.00	46.20 -0.19 0.00	52.58 -0.16 0.00	43.49 0.00 0.00	39.00 0.00 0.00	35.67 0.04 0.00	32.48 0.00 0.00	31.01 0.00 0.00	30.72 -0.03 0.00	30.74 -0.09 0.00	31.96 -0.03 0.00	34.17 -0.10 0.00	39.97 -0.16 0.00	46.06 -0.18 0.00	56.20 -0.06 0.00	55.98 -0.06 0.00	48.15 -0.05 0.00	41.46 -0.21 0.00	38.51 -0.12 0.00

TRIGEN___CC 323695	35.72 2.97 -1.45	36.22 2.74 -2.71	34.17 2.79 0.00	33.50 2.70 -0.07	35.30 2.75 -0.15	39.54 3.26 0.00	51.17 4.50 -0.28	58.86 5.17 -0.95	48.67 4.09 -1.10	43.93 3.67 -1.27	40.35 3.28 -1.44	37.17 2.96 -1.74	35.68 2.85 -1.81	35.42 2.83 -1.84	35.55 2.87 -1.85	36.69 2.91 -1.78	39.15 3.26 -1.62	45.19 3.89 -1.16	51.15 4.39 -0.50	61.54 5.29 0.00	63.40 5.21 -2.15	52.84 4.34 -0.31	46.08 3.75 -0.65	42.26 3.32 -0.31
TRINITY___115KV___4 BK 55933	33.86 1.00 -1.56	35.09 1.02 -3.30	32.48 1.10 0.00	31.89 1.08 -0.09	33.71 1.13 -0.19	37.43 1.16 0.00	47.87 1.48 0.00	53.58 0.84 0.00	44.10 0.61 0.00	39.54 0.55 0.00	36.27 0.64 0.00	33.13 0.65 0.00	31.70 0.68 0.00	31.49 0.74 0.00	31.48 0.65 0.00	32.79 0.80 0.00	35.16 0.89 0.00	41.46 1.32 0.00	47.77 1.53 0.00	58.00 1.74 0.00	57.71 1.68 0.00	49.54 1.35 0.00	42.84 1.17 0.00	39.63 1.00 0.00
UNION___PROCESSING_DRP 323587	30.14 -1.31 -0.16	29.81 -1.29 -0.33	29.91 -1.47 0.00	29.23 -1.51 -0.01	30.99 -1.43 -0.02	34.68 -1.60 0.00	44.30 -2.09 0.00	50.57 -2.16 0.00	42.36 -1.13 0.00	38.18 -0.82 0.00	35.06 -0.57 0.00	31.80 -0.68 0.00	30.27 -0.74 0.00	29.86 -0.89 0.00	29.91 -0.93 0.00	31.13 -0.86 0.00	33.21 -1.06 0.00	38.81 -1.32 0.00	44.54 -1.71 0.00	54.68 -1.58 0.00	54.69 -1.34 0.00	47.23 -0.96 0.00	40.59 -1.08 0.00	38.00 -0.62 0.00
UPPER HUDSON___HYD 24058	35.16 2.25 -1.61	36.39 2.22 -3.40	33.67 2.29 0.00	33.09 2.27 -0.09	35.08 2.49 -0.19	39.21 2.94 0.00	50.38 3.99 0.00	57.17 4.43 0.00	47.01 3.52 0.00	42.04 3.04 0.00	38.31 2.67 0.00	34.92 2.44 0.00	33.34 2.33 0.00	33.18 2.43 0.00	33.02 2.19 0.00	34.39 2.40 0.00	36.98 2.71 0.00	43.54 3.41 0.00	49.58 3.33 0.00	60.31 4.05 0.00	60.01 3.98 0.00	51.33 3.13 0.00	44.30 2.63 0.00	40.94 2.32 0.00
UPPER RAQUET___HYD 24056	35.49 -1.44 -5.64	34.92 -1.42 -5.56	35.58 -1.44 -5.65	34.80 -1.47 -5.54	36.66 -1.52 -5.79	41.06 -1.56 -6.34	51.66 -2.41 -7.68	50.43 -2.64 -0.32	48.75 -2.04 -7.30	43.79 -1.91 -6.70	40.06 -1.82 -6.24	36.57 -1.69 -5.78	35.02 -1.58 -5.58	34.92 -1.38 -5.55	35.11 -1.29 -5.57	36.22 -1.50 -5.73	38.68 -1.64 -6.06	45.10 -1.89 -6.85	49.54 -2.31 -5.61	62.46 -2.81 -9.02	62.28 -2.74 -9.00	53.77 -2.36 -7.94	46.10 -1.63 -6.05	42.76 -1.47 -5.60
VALLEY44_115KV_TB2 355964	28.22 -3.32 -0.24	27.94 -3.35 -0.52	29.31 -2.07 0.00	28.68 -2.06 -0.01	29.38 -3.04 -0.03	34.10 -2.18 0.00	43.70 -2.69 0.00	49.99 -2.74 0.00	42.27 -1.22 0.00	37.90 -1.09 0.00	34.71 -0.93 0.00	31.31 -1.17 0.00	29.65 -1.36 0.00	29.18 -1.57 0.00	29.20 -1.63 0.00	30.46 -1.54 0.00	32.76 -1.51 0.00	38.49 -1.65 0.00	44.21 -2.03 0.00	54.12 -2.14 0.00	54.18 -1.85 0.00	47.14 -1.06 0.00	40.46 -1.21 0.00	38.39 -0.23 0.00
VALLEY___115KV_TB 1-4 80826	30.08 -1.22 0.00	29.60 -1.17 0.00	30.19 -1.19 0.00	29.56 -1.17 0.00	31.23 -1.17 0.00	35.04 -1.23 0.00	44.91 -1.48 0.00	51.78 -1.63 -0.68	41.88 -1.61 0.00	37.51 -1.48 0.00	34.24 -1.39 0.00	31.28 -1.20 0.00	29.84 -1.18 0.00	29.58 -1.17 0.00	29.66 -1.17 0.00	30.78 -1.22 0.00	32.97 -1.30 0.00	38.57 -1.57 0.00	44.80 -1.62 -0.17	54.40 -1.86 0.00	54.24 -1.79 0.00	46.60 -1.59 0.00	40.21 -1.46 0.00	37.19 -1.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.51 1.66 -0.55	33.61 1.66 -1.17	33.17 1.79 0.00	32.45 1.69 -0.03	34.24 1.78 -0.07	38.52 2.25 0.00	49.45 3.06 0.00	56.43 3.69 0.00	46.54 3.04 0.00	41.65 2.65 0.00	37.99 2.35 0.00	34.66 2.18 0.00	32.97 1.95 0.00	32.62 1.88 0.00	32.75 1.91 0.00	34.01 2.02 0.00	36.47 2.19 0.00	42.62 2.49 0.00	49.21 2.96 0.00	59.91 3.66 0.00	59.73 3.70 0.00	51.38 3.18 0.00	44.30 2.63 0.00	41.02 2.39 0.00
VISCHER___FERRY HYD 24020	34.42 1.53 -1.59	35.64 1.51 -3.36	32.95 1.57 0.00	32.35 1.54 -0.09	34.23 1.65 -0.19	38.09 1.81 0.00	48.94 2.55 0.00	55.27 2.53 0.00	45.45 1.96 0.00	40.75 1.76 0.00	37.20 1.57 0.00	33.91 1.43 0.00	32.41 1.40 0.00	32.19 1.45 0.00	32.22 1.39 0.00	33.46 1.47 0.00	35.92 1.64 0.00	42.34 2.21 0.00	48.74 2.50 0.00	59.07 2.81 0.00	58.72 2.69 0.00	50.41 2.22 0.00	43.55 1.88 0.00	40.24 1.62 0.00
V_A_10_SYNC_DSASP 323832	29.31 -2.16 -0.17	29.04 -2.09 -0.36	28.96 -2.42 0.00	28.43 -2.31 -0.01	30.05 -2.36 -0.02	33.59 -2.68 0.00	42.82 -3.57 0.00	48.68 -4.06 0.00	41.18 -2.31 0.00	36.97 -2.03 0.00	34.17 -1.46 0.00	30.95 -1.53 0.00	29.43 -1.58 0.00	29.03 -1.72 0.00	29.04 -1.79 0.00	30.23 -1.76 0.00	32.28 -1.99 0.00	37.53 -2.61 0.00	42.97 -3.28 0.00	52.82 -3.43 0.00	53.01 -3.03 0.00	46.03 -2.17 0.00	39.67 -2.00 0.00	37.31 -1.31 0.00
V_CMM_10_SYNC_DSASP 323787	30.61 -0.69 0.00	30.10 -0.68 0.00	30.69 -0.69 0.00	29.99 -0.74 0.00	31.65 -0.74 0.00	35.44 -0.83 0.00	45.13 -1.25 0.01	42.54 -1.37 8.83	42.36 -1.13 0.00	38.02 -0.97 0.00	34.71 -0.93 0.00	31.60 -0.88 0.01	30.24 -0.77 0.00	30.01 -0.74 0.00	30.16 -0.68 0.00	31.26 -0.73 0.00	33.45 -0.82 0.00	39.13 -1.00 0.00	42.79 -1.25 2.21	54.74 -1.52 0.00	54.58 -1.46 0.00	46.99 -1.20 0.00	40.88 -0.79 0.00	37.97 -0.66 0.00
V_CMP_10_SYNC_DSASP 323788	-7.20 -1.19 37.31	-7.20 -1.17 36.80	-7.20 -1.22 37.36	-7.23 -1.26 36.70	-7.24 -1.33 38.30	-7.16 -1.45 41.98	-6.47 -1.99 50.87	-6.60 -2.16 57.17	-6.62 -1.79 48.33	-6.95 -1.60 44.35	-7.17 -1.50 41.31	-7.20 -1.36 38.32	-7.17 -1.24 36.94	-7.17 -1.17 36.75	-7.14 -1.11 36.86	-7.14 -1.18 37.95	-7.14 -1.34 40.07	-6.80 -1.57 45.37	-6.58 -1.94 50.89	-5.61 -2.19 59.67	-5.57 -2.07 59.53	-6.17 -1.83 52.53	0.24 -1.37 40.06	0.26 -1.27 37.09
V_D_10_SYNC_DSASP 323841	31.94 -0.63 -1.27	31.41 -0.62 -1.25	32.02 -0.63 -1.27	31.33 -0.65 -1.25	33.01 -0.68 -1.30	36.97 -0.73 -1.42	46.81 -1.30 -1.72	44.47 -1.37 6.89	44.17 -0.96 -1.64	39.61 -0.90 -1.51	36.22 -0.82 -1.40	32.99 -0.78 -1.29	31.56 -0.71 -1.25	31.35 -0.65 -1.25	31.50 -0.59 -1.25	32.61 -0.67 -1.29	34.91 -0.72 -1.36	40.79 -0.88 -1.54	44.56 -1.20 0.49	56.82 -1.46 -2.03	56.65 -1.40 -2.02	48.82 -1.16 -1.78	42.41 -0.62 -1.36	39.38 -0.50 -1.26
V_E_10_SYNC_DSASP 323830	33.10 1.41 -0.40	33.06 1.45 -0.84	33.07 1.69 0.00	32.32 1.57 -0.02	34.09 1.65 -0.05	38.74 2.47 0.00	49.96 3.57 0.00	60.70 7.96 0.00	49.49 6.00 0.00	43.48 4.48 0.00	39.34 3.71 0.00	35.70 3.22 0.00	33.68 2.67 0.00	33.27 2.52 0.00	33.67 2.83 0.00	35.19 3.20 0.00	38.14 3.87 0.00	42.70 2.57 0.00	49.53 3.28 0.00	60.87 4.61 0.00	60.85 4.82 0.00	52.19 4.00 0.00	44.76 3.08 0.00	41.64 3.01 0.00
V_F_30_NSYNC___DSASP 323816	34.88 1.97 -1.61	36.11 1.94 -3.40	33.39 2.01 0.00	32.79 1.97 -0.09	34.72 2.14 -0.19	38.74 2.47 0.00	49.73 3.34 0.00	56.32 3.59 0.00	46.32 2.83 0.00	41.45 2.46 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.94 1.92 0.00	32.72 1.97 0.00	32.68 1.85 0.00	34.01 2.02 0.00	36.50 2.23 0.00	42.98 2.85 0.00	49.21 2.96 0.00	59.80 3.55 0.00	59.51 3.48 0.00	50.99 2.79 0.00	44.05 2.37 0.00	40.71 2.08 0.00

V_F_30_SYNC_DSASP 323786	33.93 1.06 -1.57	35.17 1.08 -3.32	32.54 1.16 0.00	31.95 1.14 -0.09	33.78 1.20 -0.19	37.51 1.23 0.00	47.97 1.58 0.00	53.79 1.05 0.00	44.27 0.78 0.00	39.70 0.70 0.00	36.42 0.78 0.00	33.26 0.78 0.00	31.82 0.81 0.00	31.61 0.86 0.00	31.60 0.77 0.00	32.92 0.93 0.00	35.30 1.03 0.00	41.58 1.44 0.00	47.91 1.66 0.00	58.17 1.91 0.00	57.88 1.85 0.00	49.64 1.45 0.00	42.92 1.25 0.00	39.74 1.12 0.00
V_XM_10_SYNC_DSASP 323789	-7.20 -1.19 37.31	-7.20 -1.17 36.80	-7.20 -1.22 37.36	-7.23 -1.26 36.70	-7.24 -1.33 38.30	-7.16 -1.45 41.98	-6.47 -1.99 50.87	-6.60 -2.16 57.17	-6.62 -1.79 48.33	-6.95 -1.60 44.35	-7.17 -1.50 41.31	-7.20 -1.36 38.32	-7.17 -1.24 36.94	-7.17 -1.17 36.75	-7.14 -1.11 36.86	-7.14 -1.18 37.95	-7.14 -1.34 40.07	-6.80 -1.57 45.37	-6.58 -1.94 50.89	-5.61 -2.19 59.67	-5.57 -2.07 59.53	-6.17 -1.83 52.53	0.24 -1.37 40.06	0.26 -1.27 37.09
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.81 2.28 -1.23	35.55 2.18 -2.59	33.61 2.23 0.00	32.98 2.18 -0.07	34.81 2.27 -0.15	38.81 2.54 0.00	49.87 3.48 0.00	56.85 4.11 0.00	46.75 3.26 0.00	41.88 2.89 0.00	38.16 2.53 0.00	34.82 2.34 0.00	33.25 2.23 0.00	32.96 2.21 0.00	33.08 2.25 0.00	34.29 2.30 0.00	36.91 2.64 0.00	43.30 3.17 0.00	49.86 3.61 0.00	60.53 4.28 0.00	60.18 4.15 0.00	51.62 3.42 0.00	44.63 2.96 0.00	41.13 2.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.62 2.82 -2.51	36.22 2.74 -2.71	34.14 2.76 0.00	33.50 2.70 -0.07	35.33 2.79 -0.15	39.43 3.16 0.00	52.97 4.31 -2.27	65.35 5.06 -7.55	56.17 4.00 -8.68	52.60 3.59 -10.02	50.18 3.21 -11.34	49.09 2.92 -13.69	48.12 2.82 -14.28	48.07 2.80 -14.52	48.21 2.81 -14.57	48.93 2.88 -14.06	50.30 3.26 -12.78	53.02 3.89 -8.99	54.55 4.44 -3.86	61.54 5.29 0.00	78.15 5.15 -16.96	55.03 4.34 -2.50	50.42 3.71 -5.04	44.36 3.21 -2.54
W50THST__13_KV_LOAD 356117	36.81 3.00 -2.51	36.38 2.89 -2.71	34.27 2.89 0.00	33.63 2.83 -0.07	35.49 2.95 -0.15	39.61 3.34 0.00	53.30 4.64 -2.27	65.72 5.43 -7.55	56.52 4.35 -8.68	52.92 3.90 -10.02	50.47 3.49 -11.34	49.35 3.18 -13.69	48.36 3.07 -14.28	48.31 3.04 -14.52	48.45 3.05 -14.57	49.19 3.14 -14.06	50.54 3.50 -12.78	53.34 4.21 -8.99	54.87 4.76 -3.86	61.99 5.74 0.00	78.60 5.60 -16.96	55.37 4.67 -2.50	50.67 3.96 -5.04	44.63 3.48 -2.54
WADING RIVER_IC_1 23522	35.74 3.07 -1.37	36.22 2.74 -2.71	34.24 2.86 0.00	33.57 2.77 -0.07	35.30 2.75 -0.15	39.61 3.34 0.00	51.27 4.73 -0.15	58.56 5.32 -0.50	47.76 3.69 -0.58	42.90 3.23 -0.67	38.74 2.35 -0.76	35.93 2.54 -0.92	34.42 2.45 -0.96	34.18 2.46 -0.97	34.28 2.47 -0.98	35.27 2.33 -0.94	37.73 2.60 -0.86	44.28 3.53 -0.62	50.91 4.40 -0.27	61.60 5.35 0.00	61.82 4.65 -1.14	52.41 4.05 -0.16	45.56 3.54 -0.35	41.22 2.43 -0.16
WADING RIVER_IC_2 23547	35.74 3.07 -1.37	36.22 2.74 -2.71	34.24 2.86 0.00	33.57 2.77 -0.07	35.30 2.75 -0.15	39.61 3.34 0.00	51.27 4.73 -0.15	58.56 5.32 -0.50	47.76 3.69 -0.58	42.90 3.23 -0.67	38.74 2.35 -0.76	35.93 2.54 -0.92	34.42 2.45 -0.96	34.18 2.46 -0.97	34.28 2.47 -0.98	35.27 2.33 -0.94	37.73 2.60 -0.86	44.28 3.53 -0.62	50.91 4.40 -0.27	61.60 5.35 0.00	61.82 4.65 -1.14	52.41 4.05 -0.16	45.56 3.54 -0.35	41.22 2.43 -0.16
WADING RIVER_IC_3 23601	35.74 3.07 -1.37	36.22 2.74 -2.71	34.24 2.86 0.00	33.57 2.77 -0.07	35.30 2.75 -0.15	39.61 3.34 0.00	51.27 4.73 -0.15	58.56 5.32 -0.50	47.76 3.69 -0.58	42.90 3.23 -0.67	38.74 2.35 -0.76	35.93 2.54 -0.92	34.42 2.45 -0.96	34.18 2.46 -0.97	34.28 2.47 -0.98	35.27 2.33 -0.94	37.73 2.60 -0.86	44.28 3.53 -0.62	50.91 4.40 -0.27	61.60 5.35 0.00	61.82 4.65 -1.14	52.41 4.05 -0.16	45.56 3.54 -0.35	41.22 2.43 -0.16
WALDENNY_12_KV_BK2 80841	28.29 -3.22 -0.21	28.09 -3.14 -0.45	28.56 -2.82 0.00	27.91 -2.83 -0.01	29.21 -3.21 -0.03	33.23 -3.05 0.00	42.40 -3.99 0.00	48.36 -4.38 0.00	41.23 -2.26 0.00	37.24 -1.75 0.00	34.28 -1.35 0.00	30.99 -1.49 0.00	29.37 -1.64 0.00	28.90 -1.84 0.00	28.89 -1.94 0.00	30.14 -1.86 0.00	32.18 -2.09 0.00	37.65 -2.49 0.00	43.20 -3.05 0.00	52.94 -3.32 0.00	53.01 -3.03 0.00	46.46 -1.74 0.00	39.88 -1.79 0.00	37.77 -0.85 0.00
WALDEN__HYDRO 24148	34.53 2.00 -1.23	35.31 1.94 -2.60	33.36 1.98 0.00	32.76 1.97 -0.07	34.58 2.04 -0.15	38.56 2.29 0.00	49.54 3.15 0.00	56.43 3.69 0.00	46.36 2.87 0.00	41.53 2.53 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.94 1.92 0.00	32.65 1.91 0.00	32.78 1.94 0.00	34.01 2.02 0.00	36.57 2.30 0.00	42.90 2.77 0.00	49.44 3.19 0.00	60.14 3.88 0.00	59.79 3.75 0.00	51.28 3.08 0.00	44.34 2.67 0.00	40.90 2.28 0.00
WARRENSBURG____ 23737	35.16 2.25 -1.61	36.39 2.22 -3.40	33.67 2.29 0.00	33.09 2.27 -0.09	35.08 2.49 -0.19	39.21 2.94 0.00	50.38 3.99 0.00	57.17 4.43 0.00	47.01 3.52 0.00	42.04 3.04 0.00	38.31 2.67 0.00	34.92 2.44 0.00	33.34 2.33 0.00	33.18 2.43 0.00	33.02 2.19 0.00	34.39 2.40 0.00	36.98 2.71 0.00	43.47 3.33 0.00	49.53 3.28 0.00	60.31 4.05 0.00	60.07 4.03 0.00	51.33 3.13 0.00	44.30 2.63 0.00	40.94 2.32 0.00
WATERSIDE____6 8 9 23538	36.71 2.91 -2.50	35.95 2.86 -2.32	34.29 2.92 0.01	33.65 2.86 -0.07	35.52 2.98 -0.14	39.60 3.34 0.01	54.49 4.45 -3.65	70.05 5.17 -12.15	64.40 4.13 -16.78	60.41 3.70 -17.71	58.82 3.28 -19.91	59.98 3.02 -24.48	59.46 2.92 -25.53	59.48 2.89 -25.84	59.45 2.93 -25.69	60.00 3.01 -25.00	61.70 3.36 -24.07	91.82 4.01 -47.67	98.92 4.58 -48.09	112.63 5.51 -50.86	90.14 5.32 -28.78	60.66 4.48 -7.98	53.62 3.83 -8.11	52.82 3.36 -10.83
WATKINRD_115KV_LN8_ILLION 55919	29.57 -1.72 0.00	29.11 -1.66 0.00	29.72 -1.66 0.00	29.07 -1.66 0.00	30.71 -1.68 0.00	34.53 -1.74 0.00	44.26 -2.13 0.00	51.05 -2.37 -0.68	41.27 -2.22 0.00	36.93 -2.07 0.00	33.71 -1.92 0.00	30.79 -1.69 0.00	29.34 -1.67 0.00	29.09 -1.66 0.00	29.20 -1.63 0.00	30.30 -1.70 0.00	32.46 -1.82 0.00	37.93 -2.21 0.00	44.11 -2.31 -0.17	53.61 -2.64 0.00	53.51 -2.52 0.00	45.93 -2.27 0.00	39.63 -2.04 0.00	36.61 -2.01 0.00
WATSON__69_KV_BK 1 55734	36.18 3.51 -1.38	36.62 3.14 -2.71	34.64 3.26 0.00	33.93 3.13 -0.07	35.72 3.17 -0.15	40.12 3.84 0.00	51.88 5.33 -0.15	59.33 6.06 -0.53	48.71 4.61 -0.61	43.79 4.09 -0.70	39.85 3.42 -0.80	36.69 3.25 -0.96	35.15 3.13 -1.01	34.91 3.14 -1.02	35.01 3.15 -1.03	36.24 3.26 -0.99	38.74 3.56 -0.90	45.36 4.58 -0.65	51.90 5.36 -0.28	62.67 6.41 0.00	63.34 6.11 -1.20	53.62 5.25 -0.17	46.54 4.50 -0.37	42.62 3.82 -0.17
WDELAWARE__HYD 323627	34.40 1.94 -1.16	35.16 1.94 -2.45	33.39 2.01 0.00	32.76 1.97 -0.07	34.57 2.04 -0.14	38.63 2.36 0.00	49.64 3.25 0.00	56.58 3.85 0.00	46.53 3.04 0.00	41.57 2.57 0.00	37.84 2.21 0.00	34.49 2.01 0.00	32.94 1.92 0.00	32.62 1.88 0.00	32.78 1.94 0.00	33.97 1.98 0.00	36.57 2.30 0.00	42.78 2.65 0.00	49.39 3.15 0.00	60.31 4.05 0.00	59.90 3.86 0.00	51.42 3.23 0.00	44.42 2.75 0.00	41.10 2.47 0.00

WEST BABYLON___IC 23714	36.13 3.44 -1.39	36.62 3.14 -2.71	34.58 3.20 0.00	33.90 3.10 -0.07	35.69 3.14 -0.15	40.05 3.77 0.00	51.80 5.24 -0.17	59.28 5.96 -0.58	48.77 4.61 -0.67	43.87 4.09 -0.77	40.00 3.49 -0.88	36.82 3.28 -1.06	35.28 3.16 -1.11	35.04 3.17 -1.13	35.14 3.18 -1.13	36.38 3.30 -1.09	38.89 3.63 -0.99	45.38 4.54 -0.71	51.83 5.27 -0.31	62.61 6.36 0.00	63.46 6.11 -1.32	53.59 5.21 -0.19	46.53 4.46 -0.40	42.67 3.86 -0.19
WEST CANADA___HYD 24049	31.52 0.22 0.00	30.99 0.22 0.00	31.60 0.22 0.00	30.94 0.22 0.00	32.62 0.23 0.00	36.53 0.26 0.00	46.76 0.37 0.00	53.89 0.47 -0.68	43.80 0.31 0.00	39.27 0.27 0.00	35.88 0.25 0.00	32.71 0.23 0.00	31.23 0.22 0.00	30.97 0.22 0.00	31.05 0.22 0.00	32.22 0.23 0.00	34.54 0.27 0.00	40.45 0.32 0.00	46.83 0.42 -0.17	56.70 0.45 0.00	56.48 0.45 0.00	48.58 0.38 0.00	41.97 0.29 0.00	38.86 0.23 0.00
WESTERN_NY_WIND 24143	29.13 -2.35 -0.18	28.92 -2.25 -0.39	29.18 -2.20 0.00	28.49 -2.24 -0.01	30.05 -2.36 -0.02	33.92 -2.36 0.00	43.33 -3.06 0.00	49.52 -3.22 0.00	41.93 -1.57 0.00	37.83 -1.17 0.00	34.81 -0.82 0.00	31.41 -1.07 0.00	29.84 -1.18 0.00	29.36 -1.38 0.00	29.38 -1.45 0.00	30.65 -1.34 0.00	32.66 -1.61 0.00	38.21 -1.93 0.00	43.80 -2.45 0.00	54.00 -2.25 0.00	54.13 -1.91 0.00	47.09 -1.11 0.00	40.38 -1.29 0.00	38.08 -0.54 0.00
WESTOVER___LESR 323668	31.49 -0.22 -0.41	31.39 -0.25 -0.87	31.32 -0.06 0.00	30.66 -0.09 -0.02	32.28 -0.16 -0.05	36.31 0.04 0.00	46.58 0.19 0.00	53.05 0.32 0.00	44.01 0.52 0.00	39.43 0.43 0.00	35.99 0.36 0.00	32.71 0.23 0.00	31.14 0.12 0.00	30.81 0.06 0.00	30.90 0.06 0.00	32.12 0.13 0.00	34.44 0.17 0.00	40.33 0.20 0.00	46.53 0.28 0.00	56.70 0.45 0.00	56.54 0.50 0.00	48.73 0.53 0.00	41.92 0.25 0.00	39.12 0.50 0.00
WETHRSFD_WT_PWR 323626	28.16 -3.38 -0.24	27.96 -3.32 -0.51	28.34 -3.04 0.00	27.82 -2.92 -0.01	29.18 -3.24 -0.03	32.97 -3.30 0.00	42.21 -4.18 0.00	48.04 -4.69 0.00	40.71 -2.78 0.00	36.42 -2.57 0.00	33.57 -2.07 0.00	30.30 -2.18 0.00	28.75 -2.26 0.00	28.35 -2.40 0.00	28.37 -2.47 0.00	29.56 -2.43 0.00	31.60 -2.67 0.00	36.84 -3.29 0.00	42.46 -3.79 0.00	52.37 -3.88 0.00	53.01 -3.03 0.00	46.17 -2.02 0.00	39.88 -1.79 0.00	37.70 -0.93 0.00
WHAVSTOR_138KV_BK127 55557	34.78 2.25 -1.23	35.53 2.15 -2.60	33.58 2.20 0.00	32.98 2.18 -0.07	34.77 2.24 -0.15	38.81 2.54 0.00	49.82 3.43 0.00	56.80 4.06 0.00	46.71 3.22 0.00	41.84 2.85 0.00	38.13 2.49 0.00	34.75 2.27 0.00	33.22 2.20 0.00	32.93 2.18 0.00	33.05 2.22 0.00	34.26 2.27 0.00	36.88 2.60 0.00	43.26 3.13 0.00	49.81 3.56 0.00	60.47 4.22 0.00	60.12 4.09 0.00	51.57 3.37 0.00	44.59 2.92 0.00	41.09 2.47 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.78 2.25 -1.23	35.53 2.15 -2.60	33.58 2.20 0.00	32.98 2.18 -0.07	34.77 2.24 -0.15	38.81 2.54 0.00	49.82 3.43 0.00	56.80 4.06 0.00	46.71 3.22 0.00	41.84 2.85 0.00	38.13 2.49 0.00	34.75 2.27 0.00	33.22 2.20 0.00	32.93 2.18 0.00	33.05 2.22 0.00	34.26 2.27 0.00	36.88 2.60 0.00	43.26 3.13 0.00	49.81 3.56 0.00	60.47 4.22 0.00	60.12 4.09 0.00	51.57 3.37 0.00	44.59 2.92 0.00	41.09 2.47 0.00
WHITEHAL_115KV_TB1 80871	35.56 2.66 -1.61	36.79 2.62 -3.40	34.08 2.70 0.00	33.49 2.67 -0.09	35.53 2.95 -0.19	39.79 3.52 0.00	51.17 4.78 0.00	58.54 5.80 0.00	48.06 4.57 0.00	42.86 3.86 0.00	39.02 3.39 0.00	35.57 3.09 0.00	33.71 2.70 0.00	33.58 2.83 0.00	33.36 2.53 0.00	34.77 2.78 0.00	37.43 3.15 0.00	44.03 3.89 0.00	50.36 4.12 0.00	61.43 5.18 0.00	61.19 5.15 0.00	52.15 3.95 0.00	45.01 3.33 0.00	41.56 2.94 0.00
WHITEPLN_13_KV_LOAD 356215	35.36 2.72 -1.34	36.09 2.62 -2.71	34.05 2.67 0.00	33.41 2.61 -0.07	35.27 2.72 -0.15	39.36 3.08 0.00	50.68 4.18 -0.11	58.07 4.96 -0.38	47.80 3.87 -0.43	43.05 3.55 -0.50	39.34 3.14 -0.57	36.02 2.86 -0.69	34.46 2.73 -0.72	34.18 2.71 -0.73	34.31 2.74 -0.73	35.51 2.82 -0.71	38.10 3.19 -0.64	44.40 3.81 -0.45	50.79 4.35 -0.19	61.49 5.23 0.00	61.98 5.10 -0.85	52.51 4.19 -0.13	45.47 3.54 -0.25	41.80 3.05 -0.13
WM_FLOYD_69_KV_BK2 356380	35.86 3.19 -1.37	36.32 2.83 -2.71	34.36 2.98 0.00	33.69 2.89 -0.07	35.39 2.85 -0.15	39.76 3.48 0.00	51.45 4.92 -0.15	58.78 5.54 -0.50	48.07 4.00 -0.58	43.14 3.47 -0.67	39.07 2.67 -0.76	36.13 2.73 -0.92	34.58 2.61 -0.96	34.37 2.64 -0.98	34.46 2.65 -0.98	35.72 2.78 -0.95	38.04 2.91 -0.86	44.77 4.01 -0.62	51.24 4.72 -0.27	61.82 5.57 0.00	62.27 5.10 -1.14	52.98 4.63 -0.16	45.98 3.96 -0.35	41.95 3.17 -0.16
WOODARD___115KV_TB2 355635	31.07 -0.34 -0.12	30.68 -0.34 -0.24	31.03 -0.35 0.00	30.37 -0.37 -0.01	32.05 -0.36 -0.01	35.91 -0.36 0.00	45.93 -0.46 0.00	52.26 -0.47 0.00	43.23 -0.26 0.00	38.80 -0.19 0.00	35.49 -0.14 0.00	32.35 -0.13 0.00	30.86 -0.16 0.00	30.56 -0.18 0.00	30.62 -0.22 0.00	31.80 -0.19 0.00	34.00 -0.27 0.00	39.73 -0.40 0.00	45.79 -0.46 0.00	55.86 -0.39 0.00	55.64 -0.39 0.00	47.86 -0.34 0.00	41.21 -0.46 0.00	38.27 -0.35 0.00
YORK___WARBASSE 23770	49.82 2.97 -15.55	40.65 3.02 -6.87	51.12 3.01 -16.73	51.14 2.95 -17.46	44.66 3.04 -9.22	50.69 3.45 -10.97	54.68 4.64 -3.65	70.32 5.43 -12.15	64.28 4.35 -16.44	60.41 3.90 -17.52	58.73 3.39 -19.71	59.78 3.12 -24.18	59.24 3.01 -25.22	59.27 2.98 -25.54	59.27 3.02 -25.42	59.81 3.10 -24.71	61.41 3.50 -23.65	88.01 4.21 -43.66	94.13 4.86 -43.03	106.77 5.79 -44.72	90.29 5.66 -28.60	60.42 4.72 -7.50	53.79 4.00 -8.11	52.19 3.55 -10.02