

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/08/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	36.20	35.14	33.14	33.93	34.83	37.08	49.77	50.48	40.96	36.09	34.44	33.18	32.26	31.36	31.59	32.14	37.12	48.94	49.63	57.24	64.26	52.35	48.60	41.93
24138	2.49	2.18	1.99	2.07	2.16	2.33	3.21	3.57	3.10	2.77	2.87	2.89	2.82	2.77	2.70	2.22	2.58	3.35	4.16	4.77	4.98	4.10	4.10	3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-0.95	-0.91	-1.87	-7.52	-7.64	-12.72	-3.88	0.00	0.00	0.00	-0.36	0.00
74TH STREET_GT_1	36.20	35.14	33.14	33.96	34.83	37.08	49.73	50.44	40.92	36.06	34.41	33.18	32.23	31.36	31.59	32.12	37.10	48.91	49.59	57.19	64.21	52.30	48.60	41.93
24260	2.49	2.18	1.99	2.10	2.16	2.33	3.17	3.52	3.07	2.73	2.84	2.89	2.79	2.77	2.70	2.20	2.56	3.32	4.12	4.72	4.92	4.05	4.10	3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-0.95	-0.91	-1.87	-7.52	-7.64	-12.72	-3.88	0.00	0.00	0.00	-0.36	0.00
74TH STREET_GT_2	36.20	35.14	33.14	33.96	34.83	37.08	49.73	50.44	40.92	36.06	34.41	33.18	32.23	31.36	31.59	32.12	37.10	48.91	49.59	57.19	64.21	52.30	48.60	41.93
24261	2.49	2.18	1.99	2.10	2.16	2.33	3.17	3.52	3.07	2.73	2.84	2.89	2.79	2.77	2.70	2.20	2.56	3.32	4.12	4.72	4.92	4.05	4.10	3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-0.95	-0.91	-1.87	-7.52	-7.64	-12.72	-3.88	0.00	0.00	0.00	-0.36	0.00
ADK HUDSON___FALLS	35.76	34.91	32.93	33.77	34.60	36.84	49.82	49.87	39.90	34.86	33.02	31.76	30.93	29.99	30.38	32.22	37.08	48.88	48.25	55.78	62.96	51.24	46.87	41.07
24011	2.06	1.94	1.78	1.91	1.93	2.09	3.26	2.96	2.04	1.53	1.45	1.40	1.34	1.25	1.19	1.08	1.29	1.51	2.29	3.31	3.68	2.99	2.74	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-1.11	-1.05	-2.18	-8.75	-8.89	-14.50	-4.37	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	35.93	35.08	33.08	33.90	34.83	37.01	50.10	50.11	40.05	34.96	33.08	31.82	30.99	30.04	30.41	32.26	37.13	48.89	48.37	55.99	63.20	51.43	47.05	41.15
23798	2.22	2.11	1.93	2.04	2.16	2.26	3.54	3.19	2.19	1.63	1.52	1.46	1.40	1.30	1.22	1.12	1.34	1.55	2.41	3.52	3.91	3.18	2.91	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-1.11	-1.05	-2.18	-8.74	-8.88	-14.48	-4.37	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	35.76	34.91	32.93	33.77	34.60	36.84	49.82	49.87	39.90	34.86	33.02	31.76	30.93	29.99	30.38	32.22	37.08	48.88	48.25	55.78	62.96	51.24	46.87	41.07
24028	2.06	1.94	1.78	1.91	1.93	2.09	3.26	2.96	2.04	1.53	1.45	1.40	1.34	1.25	1.19	1.08	1.29	1.51	2.29	3.31	3.68	2.99	2.74	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-1.11	-1.05	-2.18	-8.75	-8.89	-14.50	-4.37	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	35.73	34.88	32.96	33.74	34.63	36.73	49.35	49.78	40.13	35.16	33.43	32.17	31.28	30.41	30.80	32.34	37.25	49.10	48.57	55.83	62.96	51.29	47.05	41.23
23527	2.02	1.91	1.81	1.88	1.96	1.98	2.79	2.86	2.27	1.83	1.86	1.82	1.71	1.69	1.65	1.37	1.64	2.04	2.70	3.36	3.68	3.04	2.91	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-1.09	-1.03	-2.13	-8.57	-8.71	-14.19	-4.28	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	34.82	33.95	32.12	32.85	33.65	35.55	47.58	47.95	38.73	33.99	32.32	31.15	30.28	29.41	29.81	31.52	36.25	48.00	47.07	53.73	60.59	49.36	45.68	39.83
24190	1.11	0.99	0.97	0.99	0.98	0.80	1.02	1.03	0.87	0.67	0.76	0.81	0.71	0.69	0.68	0.58	0.67	0.79	1.12	1.26	1.30	1.11	1.28	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-1.08	-1.03	-2.13	-8.54	-8.68	-14.34	-4.35	0.00	0.00	0.00	-0.26	0.00
AKWESSNE_115KV_BK	33.23	32.64	30.75	31.48	32.32	34.44	46.19	46.31	37.32	32.92	31.12	29.50	28.17	27.30	26.66	22.13	26.60	32.51	41.09	51.79	58.16	47.72	43.61	38.66
355683	-0.47	-0.33	-0.40	-0.38	-0.36	-0.31	-0.37	-0.61	-0.53	-0.40	-0.44	-0.33	-0.31	-0.39	-0.35	-0.27	-0.30	-0.36	-0.50	-0.68	-1.13	-0.53	-0.53	-0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	35.29	34.48	32.61	33.36	34.24	36.21	48.42	48.56	39.03	34.19	32.45	31.21	30.29	29.42	29.82	31.47	36.23	48.06	47.52	54.72	61.77	50.32	46.51	40.53
323833	1.58	1.52	1.46	1.50	1.57	1.46	1.86	1.64	1.17	0.86	0.88	0.87	0.74	0.72	0.70	0.63	0.75	1.02	1.62	2.25	2.49	2.07	2.12	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-1.07	-1.02	-2.10	-8.45	-8.58	-14.18	-4.31	0.00	0.00	0.00	-0.26	0.00
ALBANY_2_SOLAR	35.29	34.48	32.58	33.33	34.24	36.18	48.42	48.56	39.03	34.19	32.45	31.21	30.29	29.42	29.82	31.47	36.23	48.07	47.52	54.72	61.77	50.32	46.47	40.53
323834	1.58	1.52	1.43	1.47	1.57	1.43	1.86	1.64	1.17	0.86	0.88	0.87	0.74	0.72	0.70	0.63	0.75	1.02	1.62	2.25	2.49	2.07	2.07	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-1.07	-1.02	-2.10	-8.45	-8.58	-14.18	-4.31	0.00	0.00	0.00	-0.26	0.00
ALBANY___1	34.82	33.95	32.12	32.85	33.65	35.55	47.58	47.95	38.73	33.99	32.32	31.15	30.28	29.41	29.81	31.52	36.25	48.00	47.07	53.73	60.59	49.36	45.68	39.83
23571	1.11	0.99	0.97	0.99	0.98	0.80	1.02	1.03	0.87	0.67	0.76	0.81	0.71	0.69	0.68	0.58	0.67	0.79	1.12	1.26	1.30	1.11	1.28	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-1.08	-1.03	-2.13	-8.54	-8.68	-14.34	-4.35	0.00	0.00	0.00	-0.26	0.00

ALBANY___2 23572	34.82 1.11 0.00	33.95 0.99 0.00	32.12 0.97 0.00	32.85 0.99 0.00	33.65 0.98 0.00	35.55 0.80 0.00	47.58 1.02 0.00	47.95 1.03 0.00	38.73 0.87 0.00	33.99 0.67 0.00	32.32 0.76 0.00	31.15 0.81 -0.52	30.28 0.71 -1.08	29.41 0.69 -1.03	29.81 0.68 -2.13	31.52 0.58 -8.54	36.25 0.67 -8.68	48.00 0.79 -14.34	47.07 1.12 -4.35	53.73 1.26 0.00	60.59 1.30 0.00	49.36 1.11 0.00	45.68 1.28 -0.26	39.83 0.90 0.00
ALBANY___3 23573	34.82 1.11 0.00	33.95 0.99 0.00	32.12 0.97 0.00	32.85 0.99 0.00	33.65 0.98 0.00	35.55 0.80 0.00	47.58 1.02 0.00	47.95 1.03 0.00	38.73 0.87 0.00	33.99 0.67 0.00	32.32 0.76 0.00	31.15 0.81 -0.52	30.28 0.71 -1.08	29.41 0.69 -1.03	29.81 0.68 -2.13	31.52 0.58 -8.54	36.25 0.67 -8.68	48.00 0.79 -14.34	47.07 1.12 -4.35	53.73 1.26 0.00	60.59 1.30 0.00	49.36 1.11 0.00	45.68 1.28 -0.26	39.83 0.90 0.00
ALBANY___4 23574	34.82 1.11 0.00	33.95 0.99 0.00	32.12 0.97 0.00	32.85 0.99 0.00	33.65 0.98 0.00	35.55 0.80 0.00	47.58 1.02 0.00	47.95 1.03 0.00	38.73 0.87 0.00	33.99 0.67 0.00	32.32 0.76 0.00	31.15 0.81 -0.52	30.28 0.71 -1.08	29.41 0.69 -1.03	29.81 0.68 -2.13	31.52 0.58 -8.54	36.25 0.67 -8.68	48.00 0.79 -14.34	47.07 1.12 -4.35	53.73 1.26 0.00	60.59 1.30 0.00	49.36 1.11 0.00	45.68 1.28 -0.26	39.83 0.90 0.00
ALBANY___LFGE 323615	35.06 1.35 0.00	34.22 1.25 0.00	32.33 1.18 0.00	33.07 1.21 0.00	33.98 1.31 0.00	35.83 1.08 0.00	48.00 1.44 0.00	48.37 1.46 0.00	39.07 1.21 0.00	34.26 0.93 0.00	32.54 0.98 0.00	31.37 1.01 -0.53	30.51 0.94 -1.09	29.64 0.91 -1.04	30.02 0.86 -2.14	31.75 0.76 -8.59	36.51 0.89 -8.73	48.33 1.05 -14.41	47.33 1.46 -4.29	54.25 1.78 0.00	61.12 1.84 0.00	49.79 1.54 0.00	45.77 1.63 0.00	40.14 1.21 0.00
ALCOA_PA_115KV_PL-6C 55860	33.20 -0.50 0.00	32.64 -0.33 0.00	30.71 -0.44 0.00	31.44 -0.42 0.00	32.32 -0.36 0.00	34.47 -0.28 0.00	46.28 -0.28 0.00	46.31 -0.61 0.00	37.25 -0.61 0.00	32.86 -0.47 0.00	31.03 -0.54 0.00	29.38 -0.45 0.00	28.08 -0.40 0.00	27.16 -0.53 0.00	26.58 -0.43 0.00	22.06 -0.34 0.00	26.55 -0.35 0.00	32.41 -0.46 0.00	41.01 -0.58 0.00	51.84 -0.63 0.00	58.40 -0.89 0.00	47.67 -0.58 0.00	43.56 -0.57 0.00	38.62 -0.31 0.00
ALCOA_RYNLDS___DRP 24188	33.20 -0.51 0.00	32.60 -0.36 0.00	30.71 -0.44 0.00	31.45 -0.41 0.00	32.28 -0.39 0.00	34.44 -0.31 0.00	46.28 -0.28 0.00	46.31 -0.61 0.00	37.25 -0.61 0.00	32.86 -0.47 0.00	31.03 -0.54 0.00	29.41 -0.42 0.00	28.08 -0.40 0.00	27.16 -0.53 0.00	26.58 -0.43 0.00	22.06 -0.34 0.00	26.55 -0.35 0.00	32.41 -0.46 0.00	41.01 -0.58 0.00	51.79 -0.68 0.00	58.40 -0.89 0.00	47.67 -0.58 0.00	43.56 -0.57 0.00	38.62 -0.31 0.00
ALCOA___DSASP 323711	33.20 -0.51 0.00	32.60 -0.36 0.00	30.71 -0.44 0.00	31.45 -0.41 0.00	32.28 -0.39 0.00	34.44 -0.31 0.00	46.28 -0.28 0.00	46.31 -0.61 0.00	37.25 -0.61 0.00	32.86 -0.47 0.00	31.03 -0.54 0.00	29.41 -0.42 0.00	28.08 -0.40 0.00	27.16 -0.53 0.00	26.58 -0.43 0.00	22.06 -0.34 0.00	26.55 -0.35 0.00	32.41 -0.46 0.00	41.01 -0.58 0.00	51.79 -0.68 0.00	58.40 -0.89 0.00	47.67 -0.58 0.00	43.56 -0.57 0.00	38.62 -0.31 0.00
ALLEGHENY___COGEN 23514	33.55 -0.13 0.02	32.83 -0.13 0.00	31.05 -0.09 0.01	31.81 -0.03 0.02	32.39 -0.26 0.02	34.88 0.14 0.01	46.54 0.00 0.02	47.18 0.28 0.02	37.68 -0.15 0.02	33.19 -0.13 0.00	30.75 -0.79 0.02	28.70 -1.13 -0.01	27.29 -1.22 -0.04	26.67 -1.05 -0.04	26.03 -1.08 -0.10	21.96 -0.96 -0.52	26.32 -1.10 -0.52	32.14 -1.35 -0.62	40.57 -0.95 0.06	51.87 -0.58 0.02	59.81 0.53 0.01	47.89 -0.34 0.02	41.66 -0.79 1.68	38.09 -0.82 0.02
ALTAMONT_115KV_TB 2 55880	34.85 1.15 0.00	34.02 1.05 0.00	32.18 1.03 0.00	32.91 1.05 0.00	33.72 1.05 0.00	35.80 1.04 0.00	47.96 1.40 0.00	48.37 1.45 0.00	38.99 1.14 0.00	34.26 0.93 0.00	32.51 0.95 0.00	31.30 0.95 -0.52	30.47 0.91 -1.08	29.60 0.89 -1.03	30.00 0.86 -2.12	31.67 0.74 -8.53	36.45 0.89 -8.66	48.12 1.12 -14.13	47.43 1.50 -4.34	54.25 1.78 0.00	61.18 1.90 0.00	49.89 1.64 0.00	46.03 1.63 -0.26	40.14 1.21 0.00
ALTONA_WT_PWR 323606	33.27 -0.44 0.00	32.64 -0.33 0.00	30.74 -0.41 0.00	31.44 -0.42 0.00	32.28 -0.39 0.00	34.41 -0.35 0.00	46.19 -0.37 0.00	46.36 -0.56 0.00	37.32 -0.53 0.00	32.89 -0.43 0.00	31.06 -0.51 0.00	29.41 -0.42 0.00	28.08 -0.40 0.00	27.22 -0.47 0.00	26.58 -0.43 0.00	22.06 -0.34 0.00	26.52 -0.38 0.00	32.41 -0.46 0.00	41.05 -0.54 0.00	51.89 -0.58 0.00	58.51 -0.77 0.00	47.62 -0.63 0.00	43.47 -0.66 0.00	38.46 -0.47 0.00
AMERICAN_REF_FUEL 24010	30.72 -2.97 0.02	30.43 -2.54 0.00	28.74 -2.40 0.01	29.42 -2.42 0.02	29.52 -3.14 0.02	31.62 -3.13 0.01	41.84 -4.70 0.02	42.63 -4.27 0.02	34.62 -3.22 0.02	30.99 -2.33 0.00	28.74 -2.81 0.02	26.74 -3.10 -0.02	25.60 -2.93 -0.05	25.14 -2.60 -0.05	24.57 -2.57 -0.12	20.77 -2.15 -0.52	24.68 -2.74 -0.52	29.64 -3.91 -0.68	36.61 -4.99 -0.01	46.32 -6.14 0.02	53.35 -5.93 0.01	42.83 -5.40 0.02	37.89 -4.94 1.30	34.24 -4.67 0.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.73 -1.96 0.02	31.18 -1.78 0.00	29.65 -1.49 0.01	30.22 -1.62 0.02	31.02 -1.63 0.02	32.76 -1.98 0.01	44.02 -2.51 0.02	44.88 -2.02 0.02	36.28 -1.55 0.02	32.33 -1.00 0.00	30.13 -1.42 0.02	28.23 -1.61 -0.01	26.91 -1.62 -0.05	26.21 -1.52 -0.05	25.59 -1.54 -0.11	21.64 -1.28 -0.51	25.72 -1.69 -0.52	31.40 -2.14 -0.67	39.02 -2.54 0.03	49.09 -3.36 0.02	56.07 -3.20 0.01	45.43 -2.80 0.02	39.89 -2.69 1.56	36.30 -2.61 0.02
ARTHUR KILL_GT_1 23520	36.48 2.76 -0.01	35.45 2.47 -0.01	33.49 2.34 -0.01	34.29 2.42 -0.01	35.17 2.48 -0.01	37.33 2.57 -0.01	49.92 3.35 -0.01	50.62 3.71 0.00	40.92 3.07 0.00	36.06 2.73 0.00	34.41 2.84 -0.46	33.18 2.89 -0.95	32.28 2.85 -0.91	31.42 2.82 -1.87	31.61 2.73 -1.87	32.19 2.26 -7.52	37.15 2.61 -7.64	48.95 3.35 -12.73	49.64 4.16 -3.88	57.31 4.83 -0.01	64.39 5.10 -0.01	52.45 4.20 -0.01	48.74 4.24 -0.37	42.13 3.19 -0.01
ARTHUR_KILL_2 23512	36.38 2.66 -0.01	35.48 2.50 -0.01	33.52 2.37 -0.01	34.23 2.36 -0.01	35.23 2.55 -0.01	37.23 2.47 -0.01	49.78 3.21 -0.01	50.48 3.56 0.00	40.88 3.03 0.00	35.99 2.67 0.00	34.34 2.78 -0.46	33.12 2.83 -0.95	32.20 2.76 -0.95	31.36 2.77 -0.91	31.56 2.67 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.55 4.08 -3.88	57.15 4.67 -0.01	64.21 4.92 -0.01	52.26 4.00 -0.01	48.65 4.15 -0.36	42.05 3.12 -0.01
ARTHUR_KILL_3 23513	35.87 2.16 0.00	34.88 1.91 0.00	32.93 1.77 0.00	33.61 1.75 0.00	34.60 1.93 0.00	36.73 1.98 0.00	49.26 2.70 0.00	49.92 3.01 0.00	40.58 2.73 0.00	35.73 2.40 0.00	34.09 2.53 0.00	32.88 2.59 -0.46	31.94 2.51 -0.95	31.09 2.49 -0.91	31.32 2.43 -1.87	31.91 1.99 -7.52	36.82 2.29 -7.64	48.58 3.02 -12.69	49.17 3.70 -3.87	56.67 4.20 0.00	63.61 4.33 0.00	51.82 3.57 0.00	48.15 3.66 -0.36	41.54 2.61 0.00

ARTHUR_KILL_COGEN 323718	36.48 2.76 -0.01	35.58 2.60 -0.01	33.59 2.43 -0.01	34.29 2.42 -0.01	35.30 2.61 -0.01	37.33 2.57 -0.01	49.92 3.35 -0.01	50.62 3.71 0.00	40.96 3.10 0.00	36.06 2.73 0.00	34.41 2.84 0.00	33.21 2.92 -0.46	32.28 2.85 -0.95	31.42 2.83 -0.91	31.61 2.73 -1.87	32.18 2.26 -7.52	37.14 2.61 -7.64	48.92 3.35 -12.70	49.63 4.16 -3.88	57.30 4.82 -0.01	64.39 5.10 -0.01	52.40 4.15 -0.01	48.74 4.24 -0.36	42.13 3.19 -0.01
ASHOKAN____ 23654	35.87 2.16 0.00	35.01 2.04 0.00	33.08 1.93 0.00	33.80 1.94 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.58 3.02 0.00	49.87 2.96 0.00	39.97 2.12 0.00	34.83 1.50 0.00	32.99 1.42 0.00	31.75 1.43 -0.50	29.85 0.34 -1.03	29.05 0.39 -0.97	29.49 0.46 -2.01	30.82 0.34 -8.09	35.62 0.51 -8.21	47.43 0.95 -13.61	47.32 1.58 -4.15	56.35 3.88 0.00	63.61 4.33 0.00	51.77 3.52 0.00	47.83 3.40 -0.30	41.54 2.61 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.93 2.22 0.00	35.14 2.18 0.00	33.17 2.02 0.00	33.84 1.98 0.00	34.86 2.19 0.00	36.62 1.88 0.01	49.06 2.51 0.01	49.82 2.91 0.01	40.50 2.65 0.01	35.75 2.43 0.01	34.17 2.62 0.01	32.99 2.71 -0.45	32.05 2.62 -0.95	31.19 2.60 -0.90	31.42 2.54 -1.86	31.99 2.08 -7.51	36.84 2.31 -7.63	48.51 2.96 -12.68	49.04 3.58 -3.87	56.50 4.04 0.01	63.43 4.15 0.01	51.56 3.33 0.01	47.93 3.44 -0.35	41.38 2.45 0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.93 2.22 0.00	35.14 2.18 0.00	33.17 2.02 0.00	33.84 1.98 0.00	34.86 2.19 0.00	36.62 1.88 0.01	49.06 2.51 0.01	49.82 2.91 0.01	40.50 2.65 0.01	35.75 2.43 0.01	34.17 2.62 0.01	32.99 2.71 -0.45	32.05 2.62 -0.95	31.19 2.60 -0.90	31.42 2.54 -1.86	31.99 2.08 -7.51	36.84 2.31 -7.63	48.51 2.96 -12.68	49.04 3.58 -3.87	56.50 4.04 0.01	63.43 4.15 0.01	51.56 3.33 0.01	47.93 3.44 -0.35	41.38 2.45 0.01
ASTORIA_GT2_1 24094	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00
ASTORIA_GT2_2 24095	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00
ASTORIA_GT2_3 24096	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00
ASTORIA_GT2_4 24097	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00
ASTORIA_GT3_1 24098	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00
ASTORIA_GT3_2 24099	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00
ASTORIA_GT3_3 24100	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00
ASTORIA_GT3_4 24101	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00
ASTORIA_GT4_1 24102	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00
ASTORIA_GT4_2 24103	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00
ASTORIA_GT4_3 24104	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00

ASTORIA_GT4_4 24105	35.93 2.22 0.00	34.91 1.94 0.00	33.08 1.93 0.00	33.83 1.98 0.00	34.73 2.06 0.00	36.66 1.91 0.00	49.07 2.51 0.00	49.83 2.91 0.00	40.50 2.65 0.00	35.79 2.47 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.86 2.31 -7.64	48.55 2.96 -12.72	49.05 3.58 -3.88	56.56 4.09 0.00	63.49 4.21 0.00	51.62 3.38 0.00	47.98 3.49 -0.36	41.38 2.45 0.00
ASTORIA_GT_1 23523	36.00 2.29 0.00	34.94 1.98 0.00	33.11 1.96 0.00	33.90 2.04 0.00	34.77 2.09 0.00	36.70 1.95 0.00	49.17 2.61 0.00	49.92 3.00 0.00	40.58 2.73 0.00	35.82 2.50 0.00	34.25 2.68 0.00	33.06 2.77 -0.46	32.14 2.71 -0.95	31.25 2.66 -0.91	31.48 2.59 -1.87	32.05 2.13 -7.52	36.91 2.37 -7.64	48.62 3.02 -12.72	49.13 3.66 -3.88	56.61 4.15 0.00	63.55 4.27 0.00	51.72 3.47 0.00	48.03 3.53 -0.36	41.46 2.53 0.00
ASTORIA_GT_10 24110	36.00 2.29 0.00	34.98 2.01 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.84 2.09 0.00	49.31 2.75 0.00	50.01 3.10 0.00	40.62 2.76 0.00	35.82 2.50 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.01 2.08 -7.52	36.91 2.37 -7.64	48.65 3.06 -12.72	49.17 3.70 -3.88	56.72 4.25 0.00	63.67 4.39 0.00	51.86 3.62 0.00	48.16 3.66 -0.36	41.62 2.69 0.00
ASTORIA_GT_11 24225	36.00 2.29 0.00	34.98 2.01 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.84 2.09 0.00	49.31 2.75 0.00	50.01 3.10 0.00	40.62 2.76 0.00	35.82 2.50 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.01 2.08 -7.52	36.91 2.37 -7.64	48.65 3.06 -12.72	49.17 3.70 -3.88	56.72 4.25 0.00	63.67 4.39 0.00	51.86 3.62 0.00	48.16 3.66 -0.36	41.62 2.69 0.00
ASTORIA_GT_12 24226	36.00 2.29 0.00	34.98 2.01 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.84 2.09 0.00	49.31 2.75 0.00	50.01 3.10 0.00	40.62 2.76 0.00	35.82 2.50 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.01 2.08 -7.52	36.91 2.37 -7.64	48.65 3.06 -12.72	49.17 3.70 -3.88	56.72 4.25 0.00	63.67 4.39 0.00	51.86 3.62 0.00	48.16 3.66 -0.36	41.62 2.69 0.00
ASTORIA_GT_13 24227	36.00 2.29 0.00	34.98 2.01 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.84 2.09 0.00	49.31 2.75 0.00	50.01 3.10 0.00	40.62 2.76 0.00	35.82 2.50 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.01 2.08 -7.52	36.91 2.37 -7.64	48.65 3.06 -12.72	49.17 3.70 -3.88	56.72 4.25 0.00	63.67 4.39 0.00	51.86 3.62 0.00	48.16 3.66 -0.36	41.62 2.69 0.00
ASTORIA_GT_5 24106	36.00 2.29 0.00	34.94 1.98 0.00	33.11 1.96 0.00	33.90 2.04 0.00	34.77 2.09 0.00	36.70 1.95 0.00	49.17 2.61 0.00	49.92 3.00 0.00	40.58 2.73 0.00	35.82 2.50 0.00	34.25 2.68 0.00	33.06 2.77 -0.46	32.14 2.71 -0.95	31.25 2.66 -0.91	31.48 2.59 -1.87	32.05 2.13 -7.52	36.91 2.37 -7.64	48.62 3.02 -12.72	49.13 3.66 -3.88	56.61 4.15 0.00	63.55 4.27 0.00	51.72 3.47 0.00	48.03 3.53 -0.36	41.46 2.53 0.00
ASTORIA_GT_7 24107	36.00 2.29 0.00	34.94 1.98 0.00	33.11 1.96 0.00	33.90 2.04 0.00	34.77 2.09 0.00	36.70 1.95 0.00	49.17 2.61 0.00	49.92 3.00 0.00	40.58 2.73 0.00	35.82 2.50 0.00	34.25 2.68 0.00	33.06 2.77 -0.46	32.14 2.71 -0.95	31.25 2.66 -0.91	31.48 2.59 -1.87	32.05 2.13 -7.52	36.91 2.37 -7.64	48.62 3.02 -12.72	49.13 3.66 -3.88	56.61 4.15 0.00	63.55 4.27 0.00	51.72 3.47 0.00	48.03 3.53 -0.36	41.46 2.53 0.00
ASTORIA_GT_8 24108	36.00 2.29 0.00	34.94 1.98 0.00	33.11 1.96 0.00	33.90 2.04 0.00	34.77 2.09 0.00	36.70 1.95 0.00	49.17 2.61 0.00	49.92 3.00 0.00	40.58 2.73 0.00	35.82 2.50 0.00	34.25 2.68 0.00	33.06 2.77 -0.46	32.14 2.71 -0.95	31.25 2.66 -0.91	31.48 2.59 -1.87	32.05 2.13 -7.52	36.91 2.37 -7.64	48.62 3.02 -12.72	49.13 3.66 -3.88	56.61 4.15 0.00	63.55 4.27 0.00	51.72 3.47 0.00	48.03 3.53 -0.36	41.46 2.53 0.00
ASTORIA___2 24149	35.93 2.22 0.00	35.14 2.18 0.00	33.17 2.02 0.00	33.84 1.98 0.00	34.86 2.19 0.00	36.66 1.91 0.01	49.06 2.51 0.01	49.82 2.91 0.01	40.53 2.69 0.01	35.78 2.47 0.01	34.21 2.65 0.01	32.99 2.71 -0.45	32.08 2.65 -0.95	31.22 2.63 -0.90	31.42 2.54 -1.86	31.99 2.08 -7.51	36.87 2.34 -7.63	48.51 2.96 -12.68	49.04 3.58 -3.87	56.50 4.04 0.01	63.49 4.21 0.01	51.56 3.33 0.01	47.97 3.49 -0.35	41.38 2.45 0.01
ASTORIA___3 23516	36.00 2.29 0.00	35.08 2.11 0.00	33.15 2.00 0.00	33.80 1.94 0.00	34.80 2.12 0.00	36.84 2.09 0.00	49.31 2.75 0.00	50.01 3.10 0.00	40.66 2.80 0.00	35.82 2.50 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.09 2.65 -0.95	31.23 2.63 -0.91	31.45 2.57 -1.87	32.00 2.08 -7.52	36.90 2.37 -7.64	48.62 3.06 -12.69	49.17 3.70 -3.87	56.72 4.25 0.00	63.61 4.33 0.00	51.82 3.57 0.00	48.15 3.66 -0.36	41.61 2.68 0.00
ASTORIA___4 23517	36.00 2.29 0.00	34.98 2.01 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.84 2.09 0.00	49.31 2.75 0.00	50.01 3.10 0.00	40.62 2.76 0.00	35.82 2.50 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.01 2.08 -7.52	36.91 2.37 -7.64	48.65 3.06 -12.72	49.17 3.70 -3.88	56.72 4.25 0.00	63.67 4.39 0.00	51.86 3.62 0.00	48.16 3.66 -0.36	41.62 2.69 0.00
ASTORIA___5 23518	36.00 2.29 0.00	35.08 2.11 0.00	33.15 2.00 0.00	33.80 1.94 0.00	34.80 2.12 0.00	36.84 2.09 0.00	49.31 2.75 0.00	50.01 3.10 0.00	40.66 2.80 0.00	35.82 2.50 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.09 2.65 -0.95	31.23 2.63 -0.91	31.45 2.57 -1.87	32.00 2.08 -7.52	36.90 2.37 -7.64	48.62 3.06 -12.69	49.17 3.70 -3.87	56.72 4.25 0.00	63.61 4.33 0.00	51.82 3.57 0.00	48.15 3.66 -0.36	41.61 2.68 0.00
AST_ENERGY_2_CC3 323677	35.97 2.26 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.73 2.06 0.00	36.84 2.09 0.00	49.40 2.84 0.00	50.06 3.14 0.00	40.66 2.80 0.00	35.79 2.47 0.00	34.15 2.59 0.00	32.94 2.65 -0.46	32.00 2.56 -0.95	31.14 2.55 -0.91	31.37 2.48 -1.87	31.93 2.02 -7.52	36.87 2.34 -7.64	48.62 3.06 -12.69	49.25 3.78 -3.87	56.77 4.30 0.00	63.73 4.45 0.00	51.91 3.66 0.00	48.33 3.84 -0.36	41.73 2.80 0.00
AST_ENERGY_2_CC4 323678	35.97 2.26 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.73 2.06 0.00	36.84 2.09 0.00	49.40 2.84 0.00	50.06 3.14 0.00	40.66 2.80 0.00	35.79 2.47 0.00	34.15 2.59 0.00	32.94 2.65 -0.46	32.00 2.56 -0.95	31.14 2.55 -0.91	31.37 2.48 -1.87	31.93 2.02 -7.52	36.87 2.34 -7.64	48.62 3.06 -12.69	49.25 3.78 -3.87	56.77 4.30 0.00	63.73 4.45 0.00	51.91 3.66 0.00	48.33 3.84 -0.36	41.73 2.80 0.00

ATHENS_STG_1 23668	35.15 1.45 0.00	34.28 1.32 0.00	32.43 1.28 0.00	33.17 1.31 0.00	34.08 1.40 0.00	36.11 1.35 0.00	48.37 1.81 0.00	48.84 1.92 0.00	39.52 1.66 0.00	34.69 1.37 0.00	33.02 1.45 0.00	31.77 1.46 -0.49	30.91 1.42 -1.00	30.02 1.38 -0.95	30.36 1.38 -1.97	31.42 1.12 -7.90	36.27 1.34 -8.02	47.91 1.74 -13.30	47.84 2.20 -4.04	54.99 2.52 0.00	61.95 2.67 0.00	50.51 2.27 0.00	46.70 2.25 -0.31	40.57 1.63 0.00
ATHENS_STG_2 23670	35.15 1.45 0.00	34.28 1.32 0.00	32.43 1.28 0.00	33.17 1.31 0.00	34.08 1.40 0.00	36.11 1.35 0.00	48.37 1.81 0.00	48.84 1.92 0.00	39.52 1.66 0.00	34.69 1.37 0.00	33.02 1.45 0.00	31.77 1.46 -0.49	30.91 1.42 -1.00	30.02 1.38 -0.95	30.36 1.38 -1.97	31.42 1.12 -7.90	36.27 1.34 -8.02	47.91 1.74 -13.30	47.84 2.20 -4.04	54.99 2.52 0.00	61.95 2.67 0.00	50.51 2.27 0.00	46.70 2.25 -0.31	40.57 1.63 0.00
ATHENS_STG_3 23677	35.15 1.45 0.00	34.28 1.32 0.00	32.43 1.28 0.00	33.17 1.31 0.00	34.08 1.40 0.00	36.11 1.35 0.00	48.37 1.81 0.00	48.84 1.92 0.00	39.52 1.66 0.00	34.69 1.37 0.00	33.02 1.45 0.00	31.77 1.46 -0.49	30.91 1.42 -1.00	30.02 1.38 -0.95	30.36 1.38 -1.97	31.42 1.12 -7.90	36.27 1.34 -8.02	47.91 1.74 -13.30	47.84 2.20 -4.04	54.99 2.52 0.00	61.95 2.67 0.00	50.51 2.27 0.00	46.70 2.25 -0.31	40.57 1.63 0.00
AUBURN___LFGE 323710	33.67 -0.03 0.01	32.93 -0.03 0.00	31.12 -0.03 0.00	31.79 -0.06 0.01	32.70 0.03 0.01	34.82 0.07 0.00	46.69 0.14 0.01	47.95 1.03 0.00	38.65 0.79 0.00	33.96 0.63 0.00	31.94 0.38 0.00	30.03 0.15 -0.06	28.74 0.14 -0.12	27.97 0.17 -0.11	27.36 0.11 -0.23	23.23 0.04 -0.78	27.75 0.05 -0.79	33.66 -0.26 -1.05	41.61 -0.21 -0.22	52.46 0.00 0.01	59.58 0.30 0.00	48.19 -0.05 0.01	43.24 -0.22 0.68	38.65 -0.27 0.01
BABYLON_RES_REC 323704	36.71 3.00 -0.01	35.67 2.70 0.00	33.49 2.34 0.00	34.31 2.45 0.00	35.42 2.75 0.00	37.68 2.92 -0.01	50.24 3.68 0.00	50.67 3.75 0.00	40.73 2.88 0.00	35.62 2.30 0.00	34.03 2.46 0.00	32.67 2.39 -0.46	31.74 2.31 -0.95	30.89 2.30 -0.91	31.16 2.27 -1.87	31.78 1.86 -7.52	37.37 2.82 -7.65	49.19 3.62 -12.70	52.11 4.49 -6.03	57.47 4.99 -0.01	64.38 5.10 0.00	52.79 4.53 -0.01	49.13 4.63 -0.37	42.52 3.58 -0.01
BALL_HILL_WT_PWR 323825	31.57 -2.12 0.02	31.02 -1.94 0.00	29.43 -1.71 0.01	30.03 -1.81 0.02	30.79 -1.86 0.02	32.56 -2.19 0.01	43.61 -2.93 0.02	44.41 -2.49 0.02	35.83 -2.01 0.02	31.96 -1.37 0.00	29.78 -1.77 0.02	27.90 -1.94 -0.01	26.65 -1.88 -0.05	25.99 -1.74 -0.05	25.43 -1.70 -0.12	21.52 -1.39 -0.51	25.62 -1.80 -0.52	31.17 -2.37 -0.67	38.66 -2.91 0.02	48.52 -3.94 0.02	55.42 -3.85 0.01	44.90 -3.33 0.02	39.55 -3.09 1.49	36.03 -2.88 0.02
BARON_WINDS___WT_PWR 323822	32.06 -1.62 0.03	31.42 -1.55 0.00	29.77 -1.37 0.01	30.37 -1.47 0.03	31.37 -1.27 0.03	33.07 -1.67 0.01	44.48 -2.05 0.03	45.06 -1.83 0.03	36.24 -1.59 0.03	32.16 -1.17 0.00	30.02 -1.51 0.03	28.21 -1.61 0.00	26.92 -1.59 -0.03	26.17 -1.55 -0.04	25.60 -1.51 -0.10	21.57 -1.32 -0.49	25.78 -1.61 -0.49	31.50 -1.94 -0.57	39.30 -2.12 0.17	49.92 -2.52 0.03	56.90 -2.37 0.01	46.05 -2.17 0.03	39.81 -2.03 2.30	36.88 -2.03 0.03
BARRETT_IC_1 23704	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BARRETT_IC_10 23701	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BARRETT_IC_11 23702	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BARRETT_IC_12 23703	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BARRETT_IC_2 23705	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BARRETT_IC_3 23706	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BARRETT_IC_4 23707	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BARRETT_IC_5 23708	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01

BARRETT_IC_6 23709	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BARRETT_IC_7 23710	36.45 2.73 -0.01	35.37 2.41 0.00	33.24 2.09 0.00	34.12 2.26 0.00	35.06 2.39 0.00	37.40 2.64 -0.01	49.86 3.31 0.00	50.34 3.42 0.00	40.58 2.73 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.71 2.28 -0.95	30.86 2.27 -0.91	31.13 2.24 -1.87	31.76 1.84 -7.52	37.16 2.61 -7.65	48.92 3.32 -12.73	51.46 3.91 -5.95	56.89 4.41 -0.01	63.79 4.51 0.00	52.26 4.00 -0.01	48.70 4.19 -0.37	42.21 3.27 -0.01
BARRETT_IC_8 23711	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BARRETT_IC_9 23700	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BARRETT___1 23545	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BARRETT___2 23546	36.44 2.73 -0.01	35.44 2.47 0.00	33.30 2.15 0.00	34.12 2.26 0.00	35.19 2.52 0.00	37.40 2.64 -0.01	49.87 3.31 0.00	50.34 3.42 0.00	40.62 2.76 0.00	35.52 2.20 0.00	33.93 2.37 0.00	32.61 2.33 -0.46	31.72 2.28 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.75 1.84 -7.52	37.15 2.61 -7.64	48.89 3.32 -12.70	51.45 3.91 -5.95	56.89 4.41 -0.01	63.79 4.50 0.00	52.21 3.96 -0.01	48.70 4.20 -0.37	42.21 3.27 -0.01
BATAVIA___115KV_TB1 55881	32.04 -1.65 0.01	31.75 -1.22 0.00	29.96 -1.18 0.01	30.54 -1.31 0.01	31.45 -1.21 0.01	33.22 -1.53 0.01	43.94 -2.61 0.01	44.84 -2.06 0.01	36.29 -1.55 0.01	32.29 -1.03 0.00	29.91 -1.64 0.01	27.76 -2.09 -0.02	26.63 -1.91 -0.06	26.08 -1.66 -0.05	25.43 -1.70 -0.12	21.42 -1.46 -0.48	25.55 -1.83 -0.48	30.89 -2.70 -0.72	38.42 -3.20 -0.03	48.78 -3.67 0.01	56.14 -3.14 0.01	44.90 -3.33 0.01	39.70 -3.27 1.17	35.88 -3.04 0.01
BAYONEEC___CTG1 323682	36.00 2.29 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.69 -0.46	32.03 2.59 -0.95	31.17 2.58 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.90 2.37 -7.64	48.69 3.12 -12.69	49.29 3.82 -3.87	56.82 4.35 0.00	63.85 4.57 0.00	51.96 3.72 0.00	48.33 3.84 -0.36	41.69 2.76 0.00
BAYONEEC___CTG10 323750	36.00 2.29 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.69 -0.46	32.03 2.59 -0.95	31.17 2.58 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.90 2.37 -7.64	48.69 3.12 -12.69	49.29 3.82 -3.87	56.82 4.35 0.00	63.85 4.57 0.00	51.96 3.72 0.00	48.33 3.84 -0.36	41.69 2.76 0.00
BAYONEEC___CTG2 323683	36.00 2.29 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.69 -0.46	32.03 2.59 -0.95	31.17 2.58 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.90 2.37 -7.64	48.69 3.12 -12.69	49.29 3.82 -3.87	56.82 4.35 0.00	63.85 4.57 0.00	51.96 3.72 0.00	48.33 3.84 -0.36	41.69 2.76 0.00
BAYONEEC___CTG3 323684	36.00 2.29 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.69 -0.46	32.03 2.59 -0.95	31.17 2.58 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.90 2.37 -7.64	48.69 3.12 -12.69	49.29 3.82 -3.87	56.82 4.35 0.00	63.85 4.57 0.00	51.96 3.72 0.00	48.33 3.84 -0.36	41.69 2.76 0.00
BAYONEEC___CTG4 323685	36.00 2.29 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.69 -0.46	32.03 2.59 -0.95	31.17 2.58 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.90 2.37 -7.64	48.69 3.12 -12.69	49.29 3.82 -3.87	56.82 4.35 0.00	63.85 4.57 0.00	51.96 3.72 0.00	48.33 3.84 -0.36	41.69 2.76 0.00
BAYONEEC___CTG5 323686	36.00 2.29 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.69 -0.46	32.03 2.59 -0.95	31.17 2.58 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.90 2.37 -7.64	48.69 3.12 -12.69	49.29 3.82 -3.87	56.82 4.35 0.00	63.85 4.57 0.00	51.96 3.72 0.00	48.33 3.84 -0.36	41.69 2.76 0.00
BAYONEEC___CTG6 323687	36.00 2.29 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.69 -0.46	32.03 2.59 -0.95	31.17 2.58 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.90 2.37 -7.64	48.69 3.12 -12.69	49.29 3.82 -3.87	56.82 4.35 0.00	63.85 4.57 0.00	51.96 3.72 0.00	48.33 3.84 -0.36	41.69 2.76 0.00
BAYONEEC___CTG7 323688	36.00 2.29 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.69 -0.46	32.03 2.59 -0.95	31.17 2.58 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.90 2.37 -7.64	48.69 3.12 -12.69	49.29 3.82 -3.87	56.82 4.35 0.00	63.85 4.57 0.00	51.96 3.72 0.00	48.33 3.84 -0.36	41.69 2.76 0.00

BAYONEEC___CTG8 323689	36.00 2.29 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.69 -0.46	32.03 2.59 -0.95	31.17 2.58 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.90 2.37 -7.64	48.69 3.12 -12.69	49.29 3.82 -3.87	56.82 4.35 0.00	63.85 4.57 0.00	51.96 3.72 0.00	48.33 3.84 -0.36	41.69 2.76 0.00
BAYONEEC___CTG9 323749	36.00 2.29 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.69 -0.46	32.03 2.59 -0.95	31.17 2.58 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.90 2.37 -7.64	48.69 3.12 -12.69	49.29 3.82 -3.87	56.82 4.35 0.00	63.85 4.57 0.00	51.96 3.72 0.00	48.33 3.84 -0.36	41.69 2.76 0.00
BAYPORT_69_KV_BK 2 356364	37.19 3.47 -0.01	36.00 3.03 0.00	33.74 2.59 0.00	34.73 2.87 0.00	35.71 3.04 0.00	38.17 3.41 -0.01	50.80 4.24 0.00	51.23 4.32 0.00	41.11 3.26 0.00	35.89 2.57 0.00	34.28 2.71 0.00	32.85 2.56 -0.46	31.91 2.48 -0.95	31.09 2.49 -0.91	31.34 2.46 -1.87	31.94 2.02 -7.52	37.67 3.12 -7.65	49.58 3.98 -12.73	52.58 5.12 -5.88	58.25 5.77 -0.01	65.15 5.87 0.00	53.66 5.40 -0.01	49.76 5.25 -0.37	43.03 4.09 -0.01
BEACON___LESR 323632	35.22 1.52 0.00	34.38 1.42 0.00	32.49 1.34 0.00	33.23 1.37 0.00	34.15 1.47 0.00	36.04 1.29 0.00	48.28 1.72 0.00	48.65 1.74 0.00	39.26 1.40 0.00	34.42 1.10 0.00	32.67 1.10 0.00	31.48 1.13 -0.52	30.62 1.05 -1.08	29.71 1.00 -1.03	30.11 0.97 -2.12	31.78 0.85 -8.53	36.56 1.00 -8.67	48.36 1.18 -14.31	47.55 1.71 -4.25	54.57 2.10 0.00	61.54 2.25 0.00	50.08 1.83 0.00	46.03 1.90 0.00	40.37 1.44 0.00
BEAVER RIVER___HYD 24048	32.43 -1.28 0.00	31.75 -1.22 0.00	30.03 -1.12 0.00	30.71 -1.15 0.00	31.70 -0.98 0.00	33.96 -0.80 0.00	45.58 -0.98 0.00	45.65 -1.26 0.00	36.49 -1.36 0.00	32.06 -1.27 0.00	30.21 -1.36 0.00	28.35 -1.49 -0.02	27.07 -1.45 -0.04	26.26 -1.47 -0.04	25.72 -1.38 -0.08	21.55 -1.19 -0.34	25.98 -1.26 -0.34	32.17 -1.25 -0.55	40.97 -0.79 -0.17	51.95 -0.52 0.00	59.05 -0.24 0.00	47.91 -0.34 0.00	43.87 -0.26 0.00	38.66 -0.27 0.00
BEEBEE_GT_13 23619	32.58 -1.11 0.01	32.11 -0.86 0.00	30.30 -0.84 0.00	30.89 -0.96 0.01	31.81 -0.85 0.01	33.81 -0.94 0.00	44.73 -1.82 0.01	45.59 -1.31 0.01	37.01 -0.83 0.01	32.86 -0.47 0.00	30.61 -0.95 0.01	28.51 -1.34 -0.02	27.32 -1.22 -0.06	26.72 -1.02 -0.06	26.06 -1.08 -0.13	21.94 -0.96 -0.50	26.17 -1.24 -0.51	31.65 -1.94 -0.72	39.30 -2.37 -0.07	49.94 -2.52 0.01	57.32 -1.96 0.00	45.87 -2.36 0.01	40.47 -2.74 0.93	36.58 -2.34 0.01
BENSHRST_27_KV_BENSHRST_1 355998	36.34 2.63 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.10 2.23 -0.01	35.00 2.32 -0.01	37.19 2.43 -0.01	49.78 3.21 -0.01	50.53 3.61 0.00	40.96 3.10 0.00	36.12 2.80 0.00	34.47 2.90 0.00	33.27 2.98 -0.46	32.34 2.91 -0.95	31.47 2.88 -0.91	31.67 2.78 -1.87	32.23 2.31 -7.52	37.18 2.64 -7.64	49.02 3.42 -12.73	49.68 4.20 -3.88	57.36 4.88 -0.01	64.39 5.10 -0.01	52.45 4.20 -0.01	48.70 4.19 -0.37	42.01 3.08 -0.01
BETHLEHEM___GRP 23843	34.82 1.11 0.00	33.95 0.99 0.00	32.12 0.97 0.00	32.85 0.99 0.00	33.65 0.98 0.00	35.55 0.80 0.00	47.58 1.02 0.00	47.95 1.03 0.00	38.73 0.87 0.00	33.99 0.67 0.00	32.32 0.76 0.00	31.15 0.81 -0.52	30.28 0.71 -1.08	29.41 0.69 -1.03	29.81 0.68 -2.13	31.52 0.58 -8.54	36.25 0.67 -8.68	48.00 0.79 -14.34	47.07 1.12 -4.35	53.73 1.26 0.00	60.59 1.30 0.00	49.36 1.11 0.00	45.68 1.28 -0.26	39.83 0.90 0.00
BETHLEHEM___GS1 323560	34.82 1.11 0.00	33.99 1.02 0.00	32.15 1.00 0.00	32.85 0.99 0.00	33.75 1.08 0.00	35.55 0.80 0.00	47.58 1.02 0.00	47.95 1.03 0.00	38.76 0.91 0.00	33.99 0.67 0.00	32.32 0.76 0.00	31.15 0.81 -0.52	30.28 0.71 -1.08	29.41 0.69 -1.03	29.81 0.68 -2.13	31.52 0.58 -8.54	36.24 0.67 -8.67	47.97 0.79 -14.32	46.97 1.12 -4.25	53.73 1.26 0.00	60.59 1.30 0.00	49.36 1.11 0.00	45.42 1.28 0.00	39.83 0.90 0.00
BETHLEHEM___GS2 323561	34.82 1.11 0.00	33.99 1.02 0.00	32.15 1.00 0.00	32.85 0.99 0.00	33.75 1.08 0.00	35.55 0.80 0.00	47.58 1.02 0.00	47.95 1.03 0.00	38.76 0.91 0.00	33.99 0.67 0.00	32.32 0.76 0.00	31.15 0.81 -0.52	30.28 0.71 -1.08	29.41 0.69 -1.03	29.81 0.68 -2.13	31.52 0.58 -8.54	36.24 0.67 -8.67	47.97 0.79 -14.32	46.97 1.12 -4.25	53.73 1.26 0.00	60.59 1.30 0.00	49.36 1.11 0.00	45.42 1.28 0.00	39.83 0.90 0.00
BETHLEHEM___GS3 323562	34.82 1.11 0.00	33.99 1.02 0.00	32.15 1.00 0.00	32.85 0.99 0.00	33.75 1.08 0.00	35.55 0.80 0.00	47.58 1.02 0.00	47.95 1.03 0.00	38.76 0.91 0.00	33.99 0.67 0.00	32.32 0.76 0.00	31.15 0.81 -0.52	30.28 0.71 -1.08	29.41 0.69 -1.03	29.81 0.68 -2.13	31.52 0.58 -8.54	36.24 0.67 -8.67	47.97 0.79 -14.32	46.97 1.12 -4.25	53.73 1.26 0.00	60.59 1.30 0.00	49.36 1.11 0.00	45.42 1.28 0.00	39.83 0.90 0.00
BETHLEHEM___STEEL 23779	31.36 -2.33 0.02	31.02 -1.94 0.00	29.24 -1.90 0.01	29.87 -1.98 0.02	30.66 -1.99 0.02	32.35 -2.40 0.01	43.19 -3.35 0.02	44.04 -2.86 0.02	35.57 -2.27 0.02	31.72 -1.60 0.00	29.56 -1.99 0.02	27.66 -2.18 -0.01	26.48 -2.05 -0.05	25.85 -1.88 -0.05	25.32 -1.81 -0.12	21.37 -1.48 -0.45	25.47 -1.88 -0.46	31.01 -2.56 -0.71	38.38 -3.20 0.01	48.15 -4.30 0.02	54.89 -4.39 0.01	44.51 -3.71 0.02	39.29 -3.40 1.45	35.84 -3.08 0.02
BETHLHEM_115KV_TB1 79974	34.82 1.11 0.00	33.99 1.02 0.00	32.12 0.97 0.00	32.88 1.02 0.00	33.65 0.98 0.00	35.59 0.83 0.00	47.63 1.07 0.00	48.04 1.13 0.00	38.80 0.95 0.00	34.06 0.73 0.00	32.35 0.79 0.00	31.18 0.84 -0.52	30.33 0.77 -1.08	29.46 0.75 -1.03	29.87 0.73 -2.12	31.56 0.63 -8.53	36.29 0.73 -8.67	48.05 0.85 -14.33	47.15 1.21 -4.35	53.89 1.42 0.00	60.71 1.42 0.00	49.50 1.25 0.00	45.77 1.37 -0.26	39.90 0.97 0.00
BETHPAGE_CC_5 323564	36.72 3.00 -0.01	35.63 2.67 0.00	33.49 2.34 0.00	34.31 2.45 0.00	35.38 2.71 0.00	37.65 2.88 -0.01	50.24 3.68 0.00	50.67 3.75 0.00	40.81 2.95 0.00	35.69 2.37 0.00	34.09 2.53 0.00	32.76 2.47 -0.46	31.86 2.42 -0.95	31.00 2.41 -0.91	31.26 2.38 -1.87	31.86 1.95 -7.52	37.37 2.82 -7.65	49.22 3.65 -12.70	52.19 4.45 -6.14	57.47 4.99 -0.01	64.44 5.16 0.00	52.74 4.49 -0.01	49.09 4.59 -0.37	42.48 3.54 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.36 -2.33 0.02	30.99 -1.98 0.00	29.21 -1.93 0.01	29.87 -1.98 0.02	30.63 -2.03 0.02	32.31 -2.43 0.01	43.28 -3.26 0.02	44.13 -2.77 0.02	35.60 -2.23 0.02	31.69 -1.63 0.00	29.59 -1.96 0.02	27.78 -2.06 -0.01	26.57 -1.97 -0.05	25.91 -1.83 -0.05	25.37 -1.76 -0.12	21.44 -1.41 -0.45	25.58 -1.78 -0.46	31.25 -2.33 -0.71	38.62 -2.95 0.01	48.31 -4.15 0.02	54.89 -4.39 0.01	44.71 -3.52 0.02	39.58 -3.09 1.47	36.07 -2.84 0.02

BINGHAMTON___COGEN 23790	34.10 0.37 -0.02	33.29 0.33 0.00	31.50 0.34 -0.01	32.20 0.32 -0.02	33.05 0.36 -0.02	35.14 0.38 -0.01	47.23 0.65 -0.02	47.58 0.66 0.00	38.35 0.49 0.00	33.76 0.43 0.00	31.88 0.32 0.00	30.23 0.24 -0.17	29.03 0.20 -0.35	28.24 0.22 -0.33	27.91 0.22 -0.68	25.86 0.27 -3.20	30.47 0.32 -3.25	39.22 0.39 -5.96	44.34 0.58 -2.16	53.22 0.73 -0.02	60.24 0.95 -0.01	48.94 0.68 -0.02	47.17 0.62 -2.42	39.30 0.35 -0.02
BIXINCNT_115KV_LOAD 355685	31.29 -2.39 0.02	30.76 -2.21 0.00	28.99 -2.15 0.01	29.74 -2.10 0.02	30.43 -2.22 0.02	32.21 -2.54 0.01	43.65 -2.89 0.02	44.55 -2.35 0.02	35.68 -2.16 0.02	31.69 -1.63 0.00	29.75 -1.80 0.02	28.11 -1.73 -0.01	26.85 -1.68 -0.05	25.99 -1.74 -0.05	25.40 -1.73 -0.11	21.48 -1.37 -0.44	25.68 -1.67 -0.45	31.67 -1.91 -0.71	39.27 -2.29 0.03	48.78 -3.67 0.02	55.13 -4.15 0.01	45.33 -2.89 0.02	40.30 -2.25 1.58	36.73 -2.18 0.02
BLACK RIVER___HYD 24047	32.96 -0.74 0.00	32.21 -0.76 0.00	30.49 -0.66 0.00	31.13 -0.73 0.00	32.19 -0.49 0.00	34.41 -0.35 0.00	46.24 -0.32 0.00	46.31 -0.61 0.00	36.87 -0.98 0.00	32.36 -0.97 0.00	30.46 -1.11 0.00	28.54 -1.31 -0.03	27.28 -1.25 -0.05	26.44 -1.30 -0.05	25.91 -1.22 -0.11	21.76 -1.07 -0.43	26.18 -1.16 -0.44	32.57 -1.02 -0.72	41.23 -0.58 -0.22	52.37 -0.10 0.00	59.76 0.47 0.00	48.44 0.19 0.00	44.22 0.09 0.00	38.93 0.00 0.00
BLACKRVR_115KV_TB2 79977	32.97 -0.74 0.00	32.24 -0.73 0.00	30.50 -0.65 0.00	31.13 -0.73 0.00	32.22 -0.46 0.00	34.34 -0.42 0.00	46.23 -0.33 0.00	46.31 -0.61 0.00	36.87 -0.98 0.00	32.36 -0.97 0.00	30.46 -1.10 0.00	28.54 -1.31 -0.03	27.28 -1.25 -0.05	26.44 -1.30 -0.05	25.90 -1.22 -0.11	21.75 -1.08 -0.43	26.18 -1.16 -0.43	32.57 -1.02 -0.72	41.23 -0.58 -0.22	52.36 -0.10 0.00	59.76 0.47 0.00	48.39 0.14 0.00	44.22 0.09 0.00	38.89 -0.04 0.00
BLISS_WT_PWR 323608	31.26 -2.43 0.02	30.53 -2.44 0.00	29.08 -2.06 0.01	29.67 -2.17 0.02	30.99 -1.67 0.02	32.14 -2.61 0.01	43.70 -2.84 0.02	44.51 -2.39 0.02	35.72 -2.12 0.02	31.66 -1.67 0.00	29.75 -1.80 0.02	28.17 -1.67 -0.01	26.82 -1.71 -0.05	25.96 -1.77 -0.05	25.37 -1.76 -0.11	21.48 -1.43 -0.51	25.64 -1.78 -0.52	31.57 -1.97 -0.67	39.19 -2.37 0.04	48.73 -3.72 0.02	55.07 -4.21 0.01	45.33 -2.89 0.02	40.25 -2.30 1.59	36.65 -2.26 0.02
BLUESTONE___WT_PWR 323821	35.23 1.52 -0.01	34.38 1.42 0.00	32.52 1.37 0.00	33.18 1.31 -0.01	34.22 1.54 -0.01	36.32 1.57 0.00	49.46 2.89 -0.01	49.84 2.91 -0.01	39.87 2.00 -0.01	34.99 1.67 0.00	32.93 1.36 -0.01	31.12 1.07 -0.22	29.96 1.02 -0.45	29.08 0.97 -0.43	28.89 1.00 -0.88	26.71 0.81 -3.51	31.57 1.10 -3.56	40.63 1.68 -6.08	45.45 2.04 -1.82	55.36 2.88 -0.01	62.97 3.68 0.00	51.05 2.80 -0.01	47.81 2.47 -1.21	40.85 1.91 -0.01
BLUE_CIRC_CHEM_DRP 24182	35.09 1.38 0.00	34.25 1.29 0.00	32.40 1.25 0.00	33.13 1.27 0.00	33.95 1.27 0.00	35.97 1.22 0.00	48.14 1.58 0.00	48.42 1.50 0.00	38.99 1.14 0.00	34.19 0.87 0.00	32.48 0.92 0.00	31.27 0.92 -0.52	30.38 0.83 -1.07	29.51 0.80 -1.02	29.88 0.76 -2.11	31.53 0.67 -8.46	36.28 0.78 -8.60	48.10 1.02 -14.21	47.40 1.50 -4.31	54.41 1.94 0.00	61.42 2.13 0.00	50.08 1.83 0.00	46.21 1.81 -0.27	40.29 1.36 0.00
BOC_GAS_DRP 24189	34.79 1.08 0.00	33.95 0.99 0.00	32.12 0.97 0.00	32.85 0.99 0.00	33.65 0.98 0.00	35.69 0.94 0.00	47.82 1.26 0.00	48.23 1.31 0.00	38.95 1.10 0.00	34.22 0.90 0.00	32.51 0.95 0.00	31.30 0.95 -0.52	30.47 0.91 -1.08	29.60 0.89 -1.02	29.99 0.86 -2.12	31.64 0.74 -8.50	36.40 0.86 -8.64	48.04 1.08 -14.09	47.33 1.41 -4.33	54.10 1.63 0.00	61.00 1.72 0.00	49.74 1.50 0.00	45.94 1.54 -0.26	40.02 1.09 0.00
BOONVILLE_115KV_TB1 79983	33.57 -0.13 0.00	32.83 -0.13 0.00	31.06 -0.09 0.00	31.73 -0.13 0.00	32.74 0.07 0.00	34.89 0.14 0.00	46.93 0.37 0.00	47.20 0.28 0.00	37.85 0.00 0.00	33.26 -0.07 0.00	31.37 -0.19 0.00	29.49 -0.36 -0.02	28.18 -0.34 -0.04	27.34 -0.39 -0.04	26.77 -0.32 -0.08	22.40 -0.34 -0.33	26.97 -0.27 -0.34	33.33 -0.10 -0.56	42.17 0.42 -0.16	53.31 0.84 0.00	60.59 1.30 0.00	49.16 0.92 0.00	44.93 0.79 0.00	39.55 0.62 0.00
BORALEX_4TH_BRANCH 23824	35.73 2.02 0.00	34.84 1.88 0.00	32.96 1.81 0.00	33.74 1.88 0.00	34.54 1.86 0.00	36.73 1.98 0.00	49.35 2.79 0.00	49.78 2.86 0.00	40.13 2.27 0.00	35.16 1.83 0.00	33.43 1.86 0.00	32.17 1.82 -0.53	31.28 1.71 -1.09	30.41 1.69 -1.03	30.80 1.65 -2.13	32.35 1.37 -8.58	37.26 1.64 -8.72	49.12 2.04 -14.22	48.57 2.70 -4.28	55.83 3.36 0.00	62.96 3.68 0.00	51.29 3.04 0.00	47.05 2.91 0.00	41.23 2.30 0.00
BOWLINE___1 23526	35.80 2.09 0.00	34.84 1.88 0.00	32.93 1.77 0.00	33.64 1.78 0.00	34.60 1.93 0.00	36.70 1.95 0.00	49.21 2.65 0.00	49.83 2.91 0.00	40.39 2.54 0.00	35.49 2.16 0.00	33.84 2.27 0.00	32.61 2.33 -0.46	31.64 2.22 -0.94	30.80 2.22 -0.89	31.04 2.19 -1.84	31.63 1.77 -7.46	36.58 2.10 -7.58	48.10 2.73 -12.50	48.83 3.41 -3.82	56.41 3.94 0.00	63.43 4.15 0.00	51.62 3.38 0.00	47.90 3.40 -0.37	41.42 2.49 0.00
BOWLINE___2 23595	35.80 2.09 0.00	34.84 1.88 0.00	32.93 1.77 0.00	33.64 1.78 0.00	34.60 1.93 0.00	36.70 1.95 0.00	49.21 2.65 0.00	49.83 2.91 0.00	40.39 2.54 0.00	35.49 2.16 0.00	33.84 2.27 0.00	32.61 2.33 -0.46	31.64 2.22 -0.94	30.80 2.22 -0.89	31.04 2.19 -1.84	31.63 1.77 -7.46	36.58 2.10 -7.58	48.10 2.73 -12.51	48.83 3.41 -3.82	56.41 3.94 0.00	63.43 4.15 0.00	51.62 3.38 0.00	47.90 3.40 -0.37	41.42 2.49 0.00
BRADY___115KV_TB2 356060	33.10 -0.61 0.00	32.54 -0.43 0.00	30.65 -0.50 0.00	31.38 -0.48 0.00	32.25 -0.42 0.00	34.41 -0.35 0.00	46.23 -0.33 0.00	46.12 -0.80 0.00	36.95 -0.91 0.00	32.56 -0.77 0.00	30.68 -0.88 0.00	29.08 -0.75 0.00	27.74 -0.74 0.00	26.83 -0.86 0.00	26.26 -0.76 0.00	21.82 -0.58 0.00	26.28 -0.62 0.00	32.18 -0.69 0.00	40.89 -0.71 0.00	51.74 -0.73 0.00	58.40 -0.89 0.00	47.67 -0.58 0.00	43.56 -0.57 0.00	38.62 -0.31 0.00
BRANSCOMB___SOLAR 323811	35.53 1.82 0.00	34.68 1.71 0.00	32.77 1.62 0.00	33.55 1.69 0.00	34.44 1.76 0.00	36.56 1.81 0.00	49.21 2.65 0.00	49.40 2.48 0.00	39.56 1.71 0.00	34.59 1.27 0.00	32.79 1.23 0.00	31.58 1.22 -0.54	30.73 1.14 -1.11	29.85 1.11 -1.05	30.24 1.05 -2.17	32.05 0.94 -8.71	36.88 1.13 -8.85	48.70 1.41 -14.42	48.02 2.08 -4.35	55.35 2.88 0.00	62.48 3.20 0.00	50.90 2.65 0.00	46.61 2.47 0.00	40.88 1.95 0.00
BRDGHMPT_69_KV_BK1 55812	36.88 3.17 -0.01	35.73 2.77 0.00	33.55 2.40 0.00	34.66 2.80 0.00	35.55 2.88 0.00	37.96 3.20 -0.01	50.47 3.91 0.00	51.14 4.22 0.00	40.92 3.07 0.00	35.76 2.43 0.00	34.18 2.62 0.00	32.64 2.36 -0.46	31.57 2.14 -0.95	30.67 2.08 -0.91	30.94 2.05 -1.87	31.60 1.68 -7.52	37.32 2.77 -7.65	48.92 3.32 -12.73	51.94 4.49 -5.85	57.57 5.09 -0.01	64.32 5.04 0.00	53.13 4.87 -0.01	49.23 4.72 -0.37	42.68 3.74 -0.01



BRENTWOD_69_KV_W. BRTWOOD 56703	36.92 3.20 -0.01	35.80 2.83 0.00	33.55 2.40 0.00	34.50 2.64 0.00	35.48 2.81 0.00	37.89 3.13 -0.01	50.47 3.91 0.00	50.90 3.99 0.00	40.85 2.99 0.00	35.69 2.37 0.00	34.12 2.56 0.00	32.73 2.45 -0.46	31.80 2.36 -0.95	30.98 2.38 -0.91	31.24 2.35 -1.87	31.85 1.93 -7.52	37.51 2.96 -7.65	49.41 3.81 -12.73	52.22 4.74 -5.88	57.67 5.19 -0.01	64.56 5.28 0.00	53.18 4.92 -0.01	49.40 4.90 -0.37	42.75 3.82 -0.01
BRISTLHL_115KV_TB1 79998	33.00 -0.71 0.00	32.27 -0.69 0.00	30.53 -0.62 0.00	31.19 -0.67 0.00	32.05 -0.62 0.00	34.09 -0.66 0.00	45.63 -0.93 0.00	46.03 -0.89 0.00	37.17 -0.68 0.00	32.72 -0.60 0.00	30.96 -0.60 0.00	29.20 -0.66 -0.04	27.90 -0.66 -0.07	27.15 -0.61 -0.07	26.54 -0.62 -0.15	22.45 -0.54 -0.58	26.85 -0.65 -0.59	32.78 -0.82 -0.73	40.70 -1.08 -0.19	51.26 -1.21 0.00	58.16 -1.13 0.00	47.14 -1.11 0.00	42.70 -1.10 0.33	37.88 -1.05 0.00
BROOKHAVEN___DRP 24191	36.88 3.17 -0.01	35.73 2.77 0.00	33.52 2.37 0.00	34.47 2.61 0.00	35.45 2.78 0.00	37.89 3.13 -0.01	50.38 3.82 0.00	50.81 3.89 0.00	40.77 2.91 0.00	35.59 2.27 0.00	33.99 2.43 0.00	32.58 2.30 -0.46	31.66 2.22 -0.95	30.81 2.22 -0.91	31.07 2.19 -1.87	31.72 1.79 -7.52	37.40 2.85 -7.65	49.22 3.62 -12.73	52.10 4.66 -5.85	57.62 5.14 -0.01	64.44 5.16 0.00	53.13 4.87 -0.01	49.32 4.81 -0.37	42.72 3.78 -0.01
BROOKLYN_NAVY_YARD 23515	35.90 2.19 0.00	34.94 1.98 0.00	0.00 1.81 32.96	0.00 1.78 33.64	0.00 1.99 34.67	36.75 2.01 0.02	49.31 2.75 0.00	50.01 3.10 0.00	40.58 2.73 0.00	35.73 2.40 0.00	34.09 2.53 0.00	32.88 2.59 -0.46	31.94 2.51 -0.95	31.09 2.49 -0.91	31.32 2.43 -1.87	31.91 1.99 -7.52	36.82 2.29 -7.64	48.58 3.02 -12.69	49.21 3.74 -3.87	56.72 4.25 0.00	63.67 4.39 0.00	51.87 3.62 0.00	48.20 3.71 -0.36	41.56 2.65 0.02
BROOKLYN___ARMY_DRP 323595	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
BROOME_2_LFGE 323671	34.10 0.37 -0.02	33.29 0.33 0.00	31.50 0.34 -0.01	32.20 0.32 -0.02	33.12 0.42 -0.02	35.15 0.38 -0.01	47.23 0.65 -0.02	47.58 0.66 0.00	38.35 0.49 0.00	33.76 0.43 0.00	31.88 0.32 0.00	30.26 0.27 -0.17	29.03 0.20 -0.35	28.24 0.22 -0.33	27.91 0.22 -0.68	25.81 0.27 -3.14	30.42 0.32 -3.19	39.10 0.40 -5.83	44.33 0.58 -2.16	53.22 0.73 -0.02	60.24 0.95 -0.01	48.94 0.68 -0.02	47.15 0.62 -2.40	39.30 0.35 -0.02
BROOME___LFGE 323600	34.10 0.37 -0.02	33.29 0.33 0.00	31.50 0.34 -0.01	32.20 0.32 -0.02	33.12 0.42 -0.02	35.15 0.38 -0.01	47.23 0.65 -0.02	47.58 0.66 0.00	38.35 0.49 0.00	33.76 0.43 0.00	31.88 0.32 0.00	30.26 0.27 -0.17	29.03 0.20 -0.35	28.24 0.22 -0.33	27.91 0.22 -0.68	25.81 0.27 -3.14	30.42 0.32 -3.19	39.10 0.40 -5.83	44.33 0.58 -2.16	53.22 0.73 -0.02	60.24 0.95 -0.01	48.94 0.68 -0.02	47.15 0.62 -2.40	39.30 0.35 -0.02
BROWNFLS_115KV_TB 3_5 80003	32.05 -1.65 0.00	31.42 -1.55 0.00	29.66 -1.50 0.00	30.33 -1.53 0.00	31.30 -1.37 0.00	33.43 -1.32 0.00	44.93 -1.63 0.00	44.95 -1.97 0.00	35.96 -1.89 0.00	31.66 -1.67 0.00	29.86 -1.70 0.00	28.14 -1.70 -0.01	26.86 -1.65 -0.03	26.00 -1.72 -0.03	25.48 -1.59 -0.06	21.30 -1.34 -0.24	25.66 -1.48 -0.24	31.66 -1.61 -0.40	40.17 -1.54 -0.12	50.84 -1.63 0.00	57.62 -1.66 0.00	46.90 -1.35 0.00	42.86 -1.28 0.00	37.88 -1.05 0.00
BROWNSV1_27_KV_LOAD 356125	36.20 2.49 0.00	35.17 2.21 0.00	33.18 2.02 0.00	33.96 2.10 0.00	34.83 2.16 0.00	37.12 2.36 0.00	49.77 3.21 0.00	50.48 3.57 0.00	40.96 3.10 0.00	36.06 2.73 0.00	34.44 2.87 0.00	33.18 2.89 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.10 2.56 -7.64	48.94 3.35 -12.72	49.63 4.16 -3.88	57.24 4.77 0.00	64.26 4.98 0.00	52.40 4.15 0.00	48.64 4.15 -0.36	41.97 3.04 0.00
BURROWS___LYONSDAL 23803	33.23 -0.47 0.00	32.47 -0.49 0.00	30.75 -0.40 0.00	31.45 -0.41 0.00	32.45 -0.23 0.00	34.61 -0.14 0.00	46.56 3.73 0.00	46.78 3.73 0.00	37.48 2.88 0.00	32.92 -0.40 0.00	31.09 -0.47 0.00	29.19 -0.66 -0.02	27.87 -0.66 -0.04	27.06 -0.66 -0.04	26.48 -0.62 -0.08	22.17 -0.56 -0.33	26.73 -0.51 -0.34	33.03 -0.39 -0.56	41.92 0.17 -0.16	52.99 0.52 0.00	60.29 1.01 0.00	48.92 0.68 0.00	44.71 0.57 0.00	39.36 0.43 0.00
CAITHNESS_CC_1 323624	36.81 3.10 -0.01	35.73 2.77 0.00	33.52 2.37 0.00	34.41 2.55 0.00	35.52 2.84 0.00	37.82 3.06 -0.01	50.29 3.73 0.00	50.72 3.80 0.00	40.73 2.88 0.00	35.56 2.23 0.00	33.96 2.40 0.00	32.58 2.30 -0.46	31.63 2.19 -0.95	30.78 2.19 -0.91	31.05 2.16 -1.87	31.69 1.77 -7.52	37.37 2.82 -7.64	49.15 3.58 -12.70	52.02 4.58 -5.85	57.47 4.99 -0.01	64.32 5.04 0.00	52.93 4.68 -0.01	49.22 4.72 -0.36	42.64 3.70 -0.01
CALPINE BETH_PAGE_GT4 24209	36.72 3.00 -0.01	35.60 2.64 0.00	33.42 2.27 0.00	34.31 2.45 0.00	35.26 2.58 0.00	37.65 2.88 -0.01	50.24 3.68 0.00	50.72 3.80 0.00	40.77 2.91 0.00	35.72 2.40 0.00	34.12 2.56 0.00	32.79 2.51 -0.46	31.86 2.42 -0.95	31.03 2.44 -0.91	31.29 2.40 -1.87	31.87 1.95 -7.52	37.38 2.82 -7.65	49.25 3.65 -12.73	52.32 4.45 -6.27	57.52 5.04 -0.01	64.44 5.16 0.00	52.84 4.58 -0.01	49.10 4.59 -0.37	42.48 3.54 -0.01
CALPINE_BETH_PAGE_GT_4 323586	36.72 3.00 -0.01	35.63 2.67 0.00	33.49 2.34 0.00	34.31 2.45 0.00	35.42 2.75 0.00	37.65 2.88 -0.01	50.24 3.68 0.00	50.72 3.80 0.00	40.81 2.95 0.00	35.73 2.40 0.00	34.12 2.56 0.00	32.79 2.51 -0.46	31.86 2.42 -0.95	31.03 2.44 -0.91	31.29 2.40 -1.87	31.86 1.95 -7.52	37.40 2.85 -7.65	49.22 3.65 -12.70	52.32 4.45 -6.27	57.52 5.04 -0.01	64.44 5.16 0.00	52.74 4.49 -0.01	49.09 4.59 -0.37	42.48 3.54 -0.01
CALPINE_BP_GT1 23823	36.72 3.00 -0.01	35.63 2.67 0.00	33.49 2.34 0.00	34.31 2.45 0.00	35.42 2.75 0.00	37.65 2.88 -0.01	50.24 3.68 0.00	50.72 3.80 0.00	40.81 2.95 0.00	35.73 2.40 0.00	34.12 2.56 0.00	32.79 2.51 -0.46	31.86 2.42 -0.95	31.03 2.44 -0.91	31.29 2.40 -1.87	31.86 1.95 -7.52	37.40 2.85 -7.65	49.22 3.65 -12.70	52.32 4.45 -6.27	57.52 5.04 -0.01	64.44 5.16 0.00	52.74 4.49 -0.01	49.09 4.59 -0.37	42.48 3.54 -0.01
CALSPAN___DRP 24200	31.36 -2.33 0.02	31.02 -1.94 0.00	29.24 -1.90 0.01	29.87 -1.98 0.02	30.66 -1.99 0.02	32.35 -2.40 0.01	43.19 -3.35 0.02	44.04 -2.86 0.02	35.57 -2.27 0.02	31.72 -1.60 0.00	29.56 -1.99 0.02	27.66 -2.18 -0.01	26.48 -2.05 -0.05	25.85 -1.88 -0.05	25.32 -1.81 -0.12	21.37 -1.48 -0.45	25.47 -1.88 -0.46	31.01 -2.56 -0.71	38.38 -3.20 0.01	48.15 -4.30 0.02	54.89 -4.39 0.01	44.51 -3.71 0.02	39.29 -3.40 1.45	35.84 -3.08 0.02

CALVERTON___SOLAR 323806	36.95 3.24 -0.01	35.83 2.87 0.00	33.64 2.49 0.00	34.54 2.68 0.00	35.65 2.97 0.00	37.92 3.16 -0.01	50.42 3.86 0.00	50.90 3.99 0.00	40.84 2.99 0.00	35.62 2.30 0.00	34.03 2.46 0.00	32.61 2.33 -0.46	31.66 2.22 -0.95	30.81 2.22 -0.91	31.07 2.19 -1.87	31.71 1.79 -7.52	37.42 2.88 -7.64	49.22 3.65 -12.70	52.14 4.70 -5.85	57.72 5.25 -0.01	64.56 5.27 0.00	53.13 4.87 -0.01	49.40 4.90 -0.36	42.76 3.82 -0.01
CANDIGU_WT_PWR 323617	32.06 -1.62 0.03	31.42 -1.55 0.00	29.77 -1.37 0.01	30.37 -1.47 0.03	31.37 -1.27 0.03	33.07 -1.67 0.01	44.48 -2.05 0.03	45.06 -1.83 0.03	36.24 -1.59 0.03	32.16 -1.17 0.00	30.02 -1.51 0.03	28.21 -1.61 0.00	26.92 -1.59 -0.03	26.17 -1.55 -0.04	25.60 -1.51 -0.10	21.57 -1.32 -0.49	25.78 -1.61 -0.49	31.50 -1.94 -0.57	39.30 -2.12 0.17	49.92 -2.52 0.03	56.90 -2.37 0.01	46.05 -2.17 0.03	39.81 -2.03 2.30	36.88 -2.03 0.03
CARR STREET_E_SYR 24060	33.44 -0.27 0.00	32.67 -0.30 0.00	30.90 -0.25 0.00	31.60 -0.26 0.00	32.35 -0.33 0.00	34.51 -0.24 0.00	46.24 -0.32 0.00	46.87 -0.05 0.00	37.85 0.00 0.00	33.36 0.03 0.00	31.53 -0.03 0.00	29.75 -0.12 -0.05	28.43 -0.14 -0.09	27.67 -0.11 -0.09	27.07 -0.13 -0.19	23.02 -0.13 -0.75	27.48 -0.19 -0.76	33.39 -0.39 -0.91	41.27 -0.54 -0.22	51.89 -0.58 0.00	58.87 -0.41 0.00	47.76 -0.48 0.00	43.20 -0.57 0.36	38.35 -0.58 0.00
CARTHAGE___PAPER 23857	32.63 -1.08 0.00	31.91 -1.06 0.00	30.18 -0.97 0.00	30.87 -0.99 0.00	31.89 -0.78 0.00	34.13 -0.62 0.00	45.86 -0.70 0.00	45.88 -1.03 0.00	36.61 -1.25 0.00	32.13 -1.20 0.00	30.24 -1.32 0.00	28.39 -1.46 -0.02	27.11 -1.42 -0.05	26.29 -1.44 -0.05	25.76 -1.35 -0.10	21.63 -1.17 -0.40	26.04 -1.26 -0.40	32.34 -1.18 -0.65	41.04 -0.75 -0.20	52.11 -0.36 0.00	59.34 0.06 0.00	48.10 -0.14 0.00	43.96 -0.18 0.00	38.74 -0.19 0.00
CASSADAGA_WT_PWR 323784	31.80 -1.89 0.02	31.25 -1.72 0.00	29.74 -1.40 0.01	30.31 -1.53 0.02	31.28 -1.37 0.02	32.80 -1.95 0.01	44.26 -2.28 0.02	45.16 -1.73 0.02	36.47 -1.36 0.02	32.46 -0.87 0.00	30.28 -1.26 0.02	28.41 -1.43 -0.01	27.08 -1.45 -0.05	26.32 -1.41 -0.05	25.72 -1.41 -0.11	21.72 -1.19 -0.51	25.86 -1.56 -0.52	31.70 -1.84 -0.67	39.48 -2.08 0.03	49.51 -2.94 0.02	56.43 -2.84 0.01	45.82 -2.41 0.02	40.36 -2.21 1.57	36.65 -2.26 0.02
CE_DUNWOOD___DRP 24194	35.90 2.19 0.00	34.91 1.94 0.00	32.93 1.78 0.00	33.71 1.85 0.00	34.57 1.90 0.00	36.80 2.05 0.00	49.40 2.84 0.00	49.97 3.05 0.00	40.50 2.65 0.00	35.62 2.30 0.00	33.99 2.43 0.00	32.76 2.48 -0.46	31.83 2.39 -0.95	30.95 2.35 -0.91	31.21 2.32 -1.87	31.80 1.88 -7.52	36.74 2.21 -7.64	48.47 2.89 -12.71	49.08 3.62 -3.87	56.61 4.15 0.00	63.61 4.33 0.00	51.86 3.62 0.00	48.12 3.62 -0.36	41.58 2.65 0.00
CE_MILLWOOD___DRP 24193	35.83 2.12 0.00	34.84 1.88 0.00	32.89 1.74 0.00	33.68 1.82 0.00	34.54 1.86 0.00	36.77 2.02 0.00	49.31 2.75 0.00	49.87 2.96 0.00	40.43 2.57 0.00	35.56 2.23 0.00	33.90 2.34 0.00	32.67 2.39 -0.46	31.74 2.31 -0.95	30.86 2.27 -0.90	31.12 2.24 -1.87	31.74 1.84 -7.50	36.67 2.15 -7.62	48.39 2.83 -12.69	49.00 3.54 -3.87	56.51 4.04 0.00	63.49 4.21 0.00	51.77 3.52 0.00	48.03 3.53 -0.36	41.50 2.57 0.00
CE_NYC2_DRP 24202	36.03 2.33 0.00	34.98 2.01 0.00	33.05 1.90 0.00	33.80 1.94 0.00	34.70 2.03 0.00	36.84 2.09 0.00	49.35 2.79 0.00	50.06 3.14 0.00	40.66 2.80 0.00	35.86 2.53 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.03 2.11 -7.52	36.94 2.39 -7.64	48.68 3.09 -12.72	49.21 3.74 -3.88	56.77 4.30 0.00	63.73 4.45 0.00	51.91 3.67 0.00	48.25 3.75 -0.36	41.66 2.73 0.00
CE_NYC_DRP 24195	36.03 2.33 0.00	35.01 2.04 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.91 2.15 0.00	49.49 2.93 0.00	50.20 3.28 0.00	40.73 2.88 0.00	35.89 2.57 0.00	34.25 2.68 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.20 2.60 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.96 2.42 -7.64	48.75 3.16 -12.72	49.38 3.91 -3.88	56.93 4.46 0.00	63.91 4.62 0.00	52.11 3.86 0.00	48.38 3.88 -0.36	41.77 2.84 0.00
CHAFFEE___LFGE 323603	31.36 -2.33 0.02	30.82 -2.14 0.00	29.24 -1.90 0.01	29.87 -1.98 0.02	30.70 -1.96 0.02	32.31 -2.43 0.01	43.37 -3.17 0.02	44.18 -2.72 0.02	35.64 -2.20 0.02	31.76 -1.57 0.00	29.62 -1.93 0.02	27.81 -2.03 -0.01	26.54 -1.99 -0.05	25.91 -1.83 -0.05	25.35 -1.78 -0.12	21.48 -1.43 -0.51	25.59 -1.83 -0.52	31.14 -2.40 -0.67	38.57 -3.00 0.02	48.25 -4.20 0.02	54.95 -4.33 0.01	44.71 -3.52 0.02	39.43 -3.18 1.52	35.95 -2.96 0.02
CHATEAUG_35_KV_LOAD 355732	33.17 -0.54 0.00	32.54 -0.43 0.00	30.65 -0.50 0.00	31.38 -0.48 0.00	32.18 -0.49 0.00	34.30 -0.45 0.00	46.05 -0.51 0.00	46.17 -0.75 0.00	37.17 -0.68 0.00	32.76 -0.57 0.00	30.90 -0.66 0.00	29.23 -0.60 0.00	27.91 -0.57 0.00	27.05 -0.64 0.00	26.42 -0.59 0.00	21.93 -0.47 0.00	26.39 -0.51 0.00	32.28 -0.59 0.00	40.89 -0.71 0.00	51.68 -0.79 0.00	58.28 -1.01 0.00	47.47 -0.77 0.00	43.34 -0.79 0.00	38.39 -0.55 0.00
CHATEAUG_WT_PWR 323614	33.13 -0.57 0.00	32.50 -0.46 0.00	30.62 -0.53 0.00	31.35 -0.51 0.00	32.15 -0.52 0.00	34.27 -0.49 0.00	46.00 -0.56 0.00	46.16 -0.75 0.00	37.21 -0.64 0.00	32.79 -0.53 0.00	30.96 -0.60 0.00	29.29 -0.54 0.00	28.00 -0.48 0.00	27.13 -0.55 0.00	26.50 -0.51 0.00	21.97 -0.43 0.00	26.42 -0.48 0.00	32.28 -0.59 0.00	40.89 -0.71 0.00	51.68 -0.79 0.00	58.22 -1.07 0.00	47.47 -0.77 0.00	43.30 -0.84 0.00	38.35 -0.58 0.00
CHAT_HIGH_FALL_HYD 323578	33.17 -0.54 0.00	32.54 -0.43 0.00	30.65 -0.50 0.00	31.38 -0.48 0.00	32.18 -0.49 0.00	34.30 -0.45 0.00	46.05 -0.51 0.00	46.17 -0.75 0.00	37.17 -0.68 0.00	32.76 -0.57 0.00	30.90 -0.66 0.00	29.23 -0.60 0.00	27.91 -0.57 0.00	27.05 -0.64 0.00	26.42 -0.59 0.00	21.93 -0.47 0.00	26.39 -0.51 0.00	32.28 -0.59 0.00	40.89 -0.71 0.00	51.68 -0.79 0.00	58.28 -1.01 0.00	47.47 -0.77 0.00	43.34 -0.79 0.00	38.39 -0.55 0.00
CHAUTAUQUA___LFGE 323629	31.83 -1.85 0.02	31.28 -1.68 0.00	29.68 -1.46 0.01	30.28 -1.56 0.02	31.09 -1.57 0.02	32.83 -1.91 0.01	44.07 -2.47 0.02	44.88 -2.02 0.02	36.25 -1.59 0.02	32.29 -1.03 0.00	30.09 -1.45 0.02	28.20 -1.64 -0.01	26.91 -1.62 -0.05	26.21 -1.52 -0.05	25.64 -1.49 -0.12	21.68 -1.23 -0.51	25.78 -1.64 -0.52	31.44 -2.10 -0.67	39.03 -2.54 0.03	49.04 -3.41 0.02	56.07 -3.20 0.01	45.38 -2.85 0.02	39.92 -2.69 1.52	36.34 -2.57 0.02
CHERRYST_13_KV_LD 356241	36.10 2.39 0.00	35.07 2.11 0.00	33.08 1.93 0.00	33.87 2.01 0.00	34.73 2.06 0.00	37.01 2.26 0.00	49.63 3.07 0.00	50.34 3.42 0.00	40.85 2.99 0.00	35.99 2.67 0.00	34.34 2.78 0.00	33.12 2.83 -0.46	32.17 2.73 -0.95	31.31 2.71 -0.91	31.53 2.65 -1.87	32.10 2.17 -7.52	37.04 2.50 -7.64	48.88 3.29 -12.72	49.50 4.03 -3.88	57.09 4.62 0.00	64.09 4.80 0.00	52.20 3.96 0.00	48.51 4.02 -0.36	41.85 2.92 0.00

CHESTROR_138KV_BK263 355645	35.56 1.85 0.00	34.61 1.65 0.00	32.68 1.53 0.00	33.45 1.59 0.00	34.28 1.60 0.00	36.49 1.74 0.00	48.94 2.37 0.00	49.50 2.58 0.00	40.05 2.20 0.00	35.19 1.87 0.00	33.52 1.96 0.00	32.27 2.00 -0.44	31.34 1.94 -0.92	30.47 1.91 -0.87	30.70 1.89 -1.80	31.24 1.55 -7.30	36.14 1.83 -7.41	47.53 2.40 -12.26	48.37 3.04 -3.75	55.99 3.52 0.00	63.02 3.73 0.00	51.34 3.09 0.00	47.58 3.05 -0.39	41.19 2.26 0.00
CH_MIDHUDSON___DRP 24192	35.73 2.02 0.00	34.78 1.81 0.00	32.83 1.68 0.00	33.61 1.75 0.00	34.44 1.76 0.00	36.66 1.91 0.00	49.21 2.65 0.00	49.78 2.86 0.00	40.24 2.38 0.00	35.36 2.03 0.00	33.68 2.11 0.00	32.44 2.15 -0.47	31.50 2.05 -0.97	30.66 2.05 -0.92	30.94 2.03 -1.90	31.70 1.66 -7.64	36.63 1.96 -7.76	48.38 2.60 -12.91	48.81 3.29 -3.93	56.30 3.83 0.00	63.38 4.09 0.00	51.67 3.43 0.00	47.84 3.35 -0.35	41.38 2.45 0.00
CH_MISC_IPPS 23765	35.87 2.16 0.00	34.98 2.01 0.00	33.05 1.90 0.00	33.77 1.91 0.00	34.73 2.06 0.00	36.87 2.12 0.00	49.49 2.94 0.00	50.01 3.10 0.00	40.46 2.61 0.00	35.49 2.16 0.00	33.77 2.21 0.00	32.53 2.24 -0.47	31.61 2.16 -0.96	30.73 2.13 -0.91	31.06 2.16 -1.88	31.72 1.75 -7.57	36.66 2.07 -7.69	48.35 2.73 -12.76	48.98 3.49 -3.90	56.61 4.14 0.00	63.73 4.45 0.00	51.87 3.62 0.00	48.06 3.57 -0.35	41.61 2.68 0.00
CH_RES_BVR_FALLS 23983	33.44 -0.27 0.00	32.74 -0.23 0.00	30.90 -0.25 0.00	31.64 -0.22 0.00	32.45 -0.23 0.00	34.51 -0.24 0.00	46.28 -0.28 0.00	46.59 -0.33 0.00	37.59 -0.26 0.00	33.09 -0.23 0.00	31.31 -0.25 0.00	29.62 -0.21 0.00	28.28 -0.20 0.00	27.47 -0.22 0.00	26.80 -0.22 0.00	22.22 -0.18 0.00	26.71 -0.19 0.00	32.64 -0.23 0.00	41.30 -0.29 0.00	52.11 -0.36 0.00	58.87 -0.41 0.00	47.91 -0.34 0.00	43.83 -0.31 0.00	38.66 -0.27 0.00
CH_RES_NIAGARA 23895	30.52 -3.17 0.02	30.36 -2.60 0.00	28.62 -2.52 0.01	29.07 -2.77 0.02	29.91 -2.74 0.02	31.55 -3.20 0.01	41.56 -4.98 0.02	42.40 -4.50 0.02	34.58 -3.26 0.02	30.92 -2.40 0.00	28.65 -2.90 0.02	26.56 -3.28 -0.02	25.49 -3.05 -0.05	25.04 -2.69 -0.03	24.50 -2.62 -0.10	20.63 -2.22 -0.45	24.54 -2.82 -0.47	29.51 -4.08 -0.71	36.33 -5.28 -0.01	46.16 -6.30 0.02	53.11 -6.17 0.01	42.54 -5.69 0.02	37.42 -5.43 1.28	34.05 -4.87 0.02
CH_RES_SYRACUSE 23985	33.60 -0.10 0.00	32.87 -0.10 0.00	31.06 -0.09 0.00	31.76 -0.10 0.00	32.54 -0.13 0.00	34.72 -0.03 0.00	46.51 -0.05 0.00	47.57 0.66 0.00	38.35 0.49 0.00	33.79 0.47 0.00	31.88 0.32 0.00	30.02 0.15 -0.05	28.69 0.11 -0.10	27.92 0.14 -0.09	27.32 0.11 -0.19	23.12 0.04 -0.67	27.63 0.05 -0.68	33.59 -0.23 -0.95	41.52 -0.29 -0.22	52.26 -0.21 0.00	59.28 0.00 0.00	48.10 -0.14 0.00	43.36 -0.31 0.46	38.61 -0.31 0.00
CLINTON_WT_PWR 323605	33.13 -0.57 0.00	32.50 -0.46 0.00	30.62 -0.53 0.00	31.35 -0.51 0.00	32.15 -0.52 0.00	34.27 -0.49 0.00	46.00 -0.56 0.00	46.16 -0.75 0.00	37.21 -0.64 0.00	32.79 -0.53 0.00	30.96 -0.60 0.00	29.29 -0.54 0.00	28.00 -0.48 0.00	27.13 -0.55 0.00	26.50 -0.51 0.00	21.97 -0.43 0.00	26.42 -0.48 0.00	32.28 -0.59 0.00	40.89 -0.71 0.00	51.68 -0.79 0.00	58.22 -1.07 0.00	47.47 -0.77 0.00	43.30 -0.84 0.00	38.35 -0.58 0.00
CLINTON___LFGE 323618	33.51 -0.20 0.00	32.90 -0.07 0.00	30.96 -0.19 0.00	31.70 -0.16 0.00	32.54 -0.13 0.00	34.75 0.00 0.00	46.70 0.14 0.00	46.78 -0.14 0.00	37.63 -0.23 0.00	33.16 -0.17 0.00	31.31 -0.25 0.00	29.62 -0.21 0.00	28.28 -0.20 0.00	27.38 -0.30 0.00	26.77 -0.24 0.00	22.22 -0.18 0.00	26.74 -0.16 0.00	32.70 -0.16 0.00	41.43 -0.17 0.00	52.42 -0.05 0.00	59.05 -0.24 0.00	48.10 -0.14 0.00	43.87 -0.26 0.00	38.81 -0.12 0.00
COBBLENY_34_KV_TB1 80064	31.36 -2.33 0.02	31.02 -1.94 0.00	29.24 -1.90 0.01	29.87 -1.98 0.02	30.66 -1.99 0.02	32.35 -2.40 0.01	43.33 -3.21 0.02	44.18 -2.72 0.02	35.64 -2.20 0.02	31.76 -1.57 0.00	29.62 -1.93 0.02	27.75 -2.09 -0.01	26.56 -1.97 -0.05	25.91 -1.83 -0.05	25.35 -1.78 -0.12	21.41 -1.43 -0.45	25.55 -1.80 -0.45	31.18 -2.40 -0.71	38.58 -2.99 0.02	48.25 -4.20 0.02	54.95 -4.33 0.01	44.66 -3.57 0.02	39.44 -3.18 1.52	35.99 -2.92 0.02
COFFEEN___115KV_TB3 355620	33.07 -0.64 0.00	32.34 -0.63 0.00	30.59 -0.56 0.00	31.22 -0.64 0.00	32.35 -0.33 0.00	34.48 -0.28 0.00	46.42 -0.14 0.00	46.45 -0.47 0.00	36.98 -0.87 0.00	32.42 -0.90 0.00	30.49 -1.07 0.00	28.57 -1.28 -0.03	27.31 -1.22 -0.05	26.49 -1.25 -0.05	25.96 -1.16 -0.11	21.78 -1.05 -0.43	26.23 -1.10 -0.44	32.64 -0.95 -0.72	41.31 -0.50 -0.22	52.52 0.05 0.00	60.00 0.71 0.00	48.58 0.34 0.00	44.36 0.22 0.00	39.01 0.08 0.00
COLDSPRG_115KV_BK1 355956	31.90 -1.79 0.02	31.38 -1.58 0.00	29.61 -1.53 0.01	30.34 -1.50 0.02	31.02 -1.63 0.02	32.87 -1.88 0.01	44.58 -1.96 0.02	45.49 -1.41 0.02	36.43 -1.40 0.02	32.42 -0.90 0.00	30.34 -1.20 0.02	28.64 -1.19 -0.01	27.33 -1.20 -0.05	26.49 -1.25 -0.04	25.91 -1.22 -0.11	21.92 -0.92 -0.44	26.22 -1.13 -0.45	32.39 -1.18 -0.71	40.22 -1.33 0.04	49.88 -2.57 0.02	56.43 -2.85 0.01	46.25 -1.98 0.02	41.04 -1.46 1.64	37.35 -1.56 0.02
COLONIE_LFGE___ 323577	35.29 1.58 0.00	34.45 1.48 0.00	32.55 1.40 0.00	33.29 1.43 0.00	34.21 1.54 0.00	36.25 1.49 0.00	48.66 2.10 0.00	49.03 2.11 0.00	39.48 1.63 0.00	34.59 1.27 0.00	32.86 1.29 0.00	31.64 1.28 -0.53	30.77 1.20 -1.10	29.89 1.16 -1.04	30.30 1.13 -2.15	32.00 0.96 -8.64	36.83 1.16 -8.78	48.62 1.44 -14.30	47.90 2.00 -4.31	54.99 2.52 0.00	62.01 2.73 0.00	50.51 2.27 0.00	46.30 2.16 0.00	40.60 1.67 0.00
COOPERNY_115KV_TB1 80082	35.29 1.58 0.00	34.35 1.38 0.00	32.46 1.31 0.00	33.23 1.37 0.00	34.05 1.37 0.00	36.25 1.49 0.00	48.70 2.14 0.00	49.22 2.30 0.00	39.83 1.97 0.00	35.02 1.70 0.00	33.37 1.80 0.00	32.03 1.82 -0.39	31.05 1.77 -0.80	30.20 1.74 -0.76	30.29 1.70 -1.57	30.13 1.39 -6.35	35.01 1.67 -6.45	45.82 2.20 -10.75	47.61 2.58 -3.44	55.41 2.94 0.00	62.43 3.14 0.00	50.85 2.61 0.00	47.27 2.60 -0.53	40.84 1.91 0.00
COPENHAGEN_WT_PWR 323753	32.96 -0.74 0.00	32.24 -0.73 0.00	30.49 -0.66 0.00	31.16 -0.70 0.00	32.15 -0.52 0.00	34.37 -0.38 0.00	46.19 -0.37 0.00	46.26 -0.66 0.00	36.91 -0.94 0.00	32.39 -0.93 0.00	30.49 -1.07 0.00	28.60 -1.25 -0.03	27.34 -1.20 -0.06	26.52 -1.22 -0.05	25.99 -1.13 -0.11	21.82 -1.03 -0.45	26.25 -1.10 -0.46	32.60 -1.02 -0.75	41.20 -0.62 -0.23	52.21 -0.26 0.00	59.64 0.36 0.00	48.29 0.05 0.00	44.09 -0.04 0.00	38.81 -0.12 0.00
CORNELL_____ 23752	34.34 0.64 0.01	33.56 0.59 0.00	31.74 0.59 0.00	32.42 0.57 0.01	33.35 0.69 0.01	35.51 0.76 0.00	47.71 1.16 0.01	48.56 1.60 -0.05	39.04 1.14 -0.05	34.22 0.90 0.00	32.27 0.66 -0.05	30.53 0.48 -0.23	29.32 0.43 -0.42	28.52 0.44 -0.39	28.21 0.43 -0.76	24.08 0.25 -1.43	28.70 0.35 -1.45	35.31 0.43 -2.02	42.80 0.79 -0.42	53.67 1.21 0.01	60.94 1.66 0.00	49.35 1.11 0.01	43.89 0.88 1.13	39.54 0.62 0.01

CORONA V_69_KV_TB1 355595	36.59 2.87 -0.02	35.50 2.54 0.00	33.36 2.21 0.00	34.25 2.39 0.00	35.16 2.48 0.00	37.52 2.75 -0.02	50.10 3.54 0.00	50.58 3.66 0.00	40.77 2.91 0.00	35.76 2.43 0.00	34.15 2.59 0.00	32.82 2.54 -0.46	31.91 2.48 -0.95	31.06 2.46 -0.91	31.32 2.43 -1.87	31.90 1.97 -7.52	37.28 2.72 -7.66	49.09 3.48 -12.74	53.73 4.20 -7.94	57.37 4.88 -0.02	64.32 5.04 0.00	52.61 4.34 -0.02	48.93 4.41 -0.38	42.34 3.39 -0.02
CORTLAND_115KV_TB3 80093	34.14 0.44 0.00	33.39 0.43 0.00	31.56 0.40 0.00	32.27 0.41 0.00	33.16 0.49 0.00	35.27 0.52 0.00	47.35 0.79 0.00	48.01 1.08 -0.01	38.66 0.79 -0.01	33.96 0.63 0.00	32.08 0.51 -0.01	30.34 0.39 -0.13	29.07 0.34 -0.25	28.28 0.36 -0.23	27.83 0.35 -0.47	24.13 0.25 -1.48	28.73 0.32 -1.50	35.24 0.33 -2.04	42.64 0.54 -0.50	53.31 0.84 0.00	60.47 1.19 0.00	49.02 0.77 0.00	44.20 0.62 0.55	39.36 0.43 0.00
COXSACKIE__GT 23611	35.90 2.19 0.00	35.08 2.11 0.00	33.15 2.00 0.00	33.90 2.04 0.00	34.83 2.16 0.00	36.87 2.12 0.00	49.58 3.02 0.00	49.78 2.86 0.00	39.78 1.93 0.00	34.59 1.27 0.00	32.67 1.10 0.00	31.41 1.07 -0.51	30.28 0.74 -1.06	29.44 0.75 -1.00	29.84 0.76 -2.07	31.39 0.67 -8.31	36.26 0.92 -8.45	48.18 1.35 -13.97	48.09 2.24 -4.25	55.99 3.52 0.00	63.32 4.03 0.00	51.48 3.23 0.00	47.50 3.09 -0.27	41.34 2.41 0.00
CPV_VALLEY__CC1 323721	35.36 1.65 0.00	34.45 1.48 0.00	32.55 1.40 0.00	33.26 1.40 0.00	34.21 1.54 0.00	36.28 1.53 0.00	48.66 2.10 0.00	49.17 2.25 0.00	39.86 2.00 0.00	35.02 1.70 0.00	33.36 1.80 0.00	32.07 1.82 -0.43	31.13 1.77 -0.88	30.27 1.75 -0.84	30.48 1.73 -1.73	30.85 1.41 -7.04	35.72 1.67 -7.15	46.89 2.20 -11.82	47.96 2.74 -3.63	55.57 3.09 0.00	62.54 3.26 0.00	50.95 2.70 0.00	47.29 2.74 -0.42	40.92 1.98 0.00
CPV_VALLEY__CC2 323722	35.36 1.65 0.00	34.45 1.48 0.00	32.55 1.40 0.00	33.26 1.40 0.00	34.21 1.54 0.00	36.28 1.53 0.00	48.66 2.10 0.00	49.17 2.25 0.00	39.86 2.00 0.00	35.02 1.70 0.00	33.36 1.80 0.00	32.07 1.82 -0.43	31.13 1.77 -0.88	30.27 1.75 -0.84	30.48 1.73 -1.73	30.85 1.41 -7.04	35.72 1.67 -7.15	46.89 2.20 -11.82	47.96 2.74 -3.63	55.57 3.09 0.00	62.54 3.26 0.00	50.95 2.70 0.00	47.29 2.74 -0.42	40.92 1.98 0.00
CRESCENT__HYD 24018	35.29 1.58 0.00	34.45 1.48 0.00	32.55 1.40 0.00	33.29 1.43 0.00	34.21 1.54 0.00	36.25 1.49 0.00	48.66 2.10 0.00	49.03 2.11 0.00	39.48 1.63 0.00	34.59 1.27 0.00	32.86 1.29 0.00	31.64 1.28 -0.53	30.77 1.20 -1.10	29.89 1.16 -1.04	30.30 1.13 -2.15	32.00 0.96 -8.64	36.83 1.16 -8.78	48.62 1.44 -14.30	47.90 2.00 -4.31	54.99 2.52 0.00	62.01 2.73 0.00	50.51 2.27 0.00	46.30 2.16 0.00	40.60 1.67 0.00
CRICKET__VALLEY_CC1 323756	35.42 1.72 0.00	34.55 1.58 0.00	32.68 1.53 0.00	33.39 1.53 0.00	34.34 1.67 0.00	36.35 1.60 0.00	48.75 2.19 0.00	49.31 2.39 0.00	39.94 2.08 0.00	35.09 1.76 0.00	33.49 1.93 0.00	32.30 2.00 -0.48	31.37 1.91 -0.98	30.53 1.91 -0.93	30.80 1.86 -1.92	31.65 1.52 -7.73	36.49 1.75 -7.85	48.19 2.30 -13.02	48.47 2.91 -3.97	55.72 3.25 0.00	62.66 3.38 0.00	51.09 2.85 0.00	47.38 2.91 -0.33	40.99 2.06 0.00
CRICKET__VALLEY_CC2 323757	35.42 1.72 0.00	34.55 1.58 0.00	32.68 1.53 0.00	33.39 1.53 0.00	34.34 1.67 0.00	36.35 1.60 0.00	48.75 2.19 0.00	49.31 2.39 0.00	39.94 2.08 0.00	35.09 1.76 0.00	33.49 1.93 0.00	32.30 2.00 -0.48	31.37 1.91 -0.98	30.53 1.91 -0.93	30.80 1.86 -1.92	31.65 1.52 -7.73	36.49 1.75 -7.85	48.19 2.30 -13.02	48.47 2.91 -3.97	55.72 3.25 0.00	62.66 3.38 0.00	51.09 2.85 0.00	47.38 2.91 -0.33	40.99 2.06 0.00
CRICKET__VALLEY_CC3 323758	35.42 1.72 0.00	34.55 1.58 0.00	32.68 1.53 0.00	33.39 1.53 0.00	34.34 1.67 0.00	36.35 1.60 0.00	48.75 2.19 0.00	49.31 2.39 0.00	39.94 2.08 0.00	35.09 1.76 0.00	33.49 1.93 0.00	32.30 2.00 -0.48	31.37 1.91 -0.98	30.53 1.91 -0.93	30.80 1.86 -1.92	31.65 1.52 -7.73	36.49 1.75 -7.85	48.19 2.30 -13.02	48.47 2.91 -3.97	55.72 3.25 0.00	62.66 3.38 0.00	51.09 2.85 0.00	47.38 2.91 -0.33	40.99 2.06 0.00
CRUCIBLE_METL_DRP 24180	33.60 -0.10 0.00	32.87 -0.10 0.00	31.09 -0.06 0.00	31.76 -0.10 0.00	32.64 -0.03 0.00	34.72 -0.03 0.00	46.51 -0.05 0.00	47.57 0.66 0.00	38.38 0.53 0.00	33.79 0.47 0.00	31.88 0.32 0.00	30.02 0.15 -0.05	28.69 0.11 -0.10	27.92 0.14 -0.09	27.32 0.11 -0.19	23.14 0.04 -0.69	27.66 0.05 -0.70	33.56 -0.23 -0.92	41.52 -0.29 -0.22	52.26 -0.21 0.00	59.28 0.00 0.00	48.05 -0.19 0.00	43.37 -0.31 0.46	38.62 -0.31 0.00
DAHOWA__HYDRO 323763	35.63 1.92 0.00	34.78 1.81 0.00	32.83 1.68 0.00	33.64 1.78 0.00	34.54 1.86 0.00	36.66 1.91 0.00	49.45 2.89 0.00	49.59 2.67 0.00	39.67 1.82 0.00	34.69 1.37 0.00	32.86 1.29 0.00	31.64 1.28 -0.54	30.78 1.20 -1.11	29.90 1.16 -1.05	30.29 1.11 -2.17	32.11 0.98 -8.72	36.94 1.18 -8.86	48.75 1.44 -14.44	48.11 2.16 -4.36	55.51 3.04 0.00	62.66 3.38 0.00	51.04 2.80 0.00	46.74 2.60 0.00	40.95 2.02 0.00
DANC__LFGE 323619	33.00 -0.71 0.00	32.27 -0.69 0.00	30.53 -0.62 0.00	31.19 -0.67 0.00	32.09 -0.59 0.00	34.30 -0.45 0.00	46.00 -0.56 0.00	46.16 -0.75 0.00	36.99 -0.87 0.00	32.49 -0.83 0.00	30.65 -0.92 0.00	28.84 -1.01 -0.03	27.58 -0.97 -0.06	26.78 -0.97 -0.06	26.22 -0.92 -0.13	22.06 -0.85 -0.51	26.48 -0.94 -0.52	32.54 -0.99 -0.66	40.92 -0.83 -0.16	51.84 -0.63 0.00	59.05 -0.24 0.00	47.86 -0.39 0.00	43.46 -0.40 0.28	38.50 -0.43 0.00
DANSKAMMER__1 23586	35.87 2.16 0.00	34.98 2.01 0.00	33.05 1.90 0.00	33.77 1.91 0.00	34.73 2.06 0.00	36.87 2.12 0.00	49.49 2.94 0.00	50.01 3.10 0.00	40.46 2.61 0.00	35.49 2.16 0.00	33.77 2.21 0.00	32.53 2.24 -0.47	31.61 2.16 -0.96	30.73 2.13 -0.91	31.06 2.16 -1.88	31.72 1.75 -7.57	36.66 2.07 -7.69	48.35 2.73 -12.76	48.98 3.49 -3.90	56.61 4.14 0.00	63.73 4.45 0.00	51.87 3.62 0.00	48.06 3.57 -0.35	41.61 2.68 0.00
DANSKAMMER__2 23589	35.87 2.16 0.00	34.98 2.01 0.00	33.05 1.90 0.00	33.77 1.91 0.00	34.73 2.06 0.00	36.87 2.12 0.00	49.49 2.94 0.00	50.01 3.10 0.00	40.46 2.61 0.00	35.49 2.16 0.00	33.77 2.21 0.00	32.53 2.24 -0.47	31.61 2.16 -0.96	30.73 2.13 -0.91	31.06 2.16 -1.88	31.72 1.75 -7.57	36.66 2.07 -7.69	48.35 2.73 -12.76	48.98 3.49 -3.90	56.61 4.14 0.00	63.73 4.45 0.00	51.87 3.62 0.00	48.06 3.57 -0.35	41.61 2.68 0.00
DANSKAMMER__3 23590	35.87 2.16 0.00	34.98 2.01 0.00	33.05 1.90 0.00	33.77 1.91 0.00	34.73 2.06 0.00	36.87 2.12 0.00	49.49 2.94 0.00	50.01 3.10 0.00	40.46 2.61 0.00	35.49 2.16 0.00	33.77 2.21 0.00	32.53 2.24 -0.47	31.61 2.16 -0.96	30.73 2.13 -0.91	31.06 2.16 -1.88	31.72 1.75 -7.57	36.66 2.07 -7.69	48.35 2.73 -12.76	48.98 3.49 -3.90	56.61 4.14 0.00	63.73 4.45 0.00	51.87 3.62 0.00	48.06 3.57 -0.35	41.61 2.68 0.00

DANSKAMMER___4 23591	35.87 2.16 0.00	34.98 2.01 0.00	33.05 1.90 0.00	33.77 1.91 0.00	34.73 2.06 0.00	36.87 2.12 0.00	49.49 2.94 0.00	50.01 3.10 0.00	40.46 2.61 0.00	35.49 2.16 0.00	33.77 2.21 0.00	32.53 2.24 -0.47	31.61 2.16 -0.96	30.73 2.13 -0.91	31.06 2.16 -1.88	31.72 1.75 -7.57	36.66 2.07 -7.69	48.35 2.73 -12.76	48.98 3.49 -3.90	56.61 4.14 0.00	63.73 4.45 0.00	51.87 3.62 0.00	48.06 3.57 -0.35	41.61 2.68 0.00
DANSKAMMER___DIESEL 23592	35.86 2.16 0.00	34.94 1.98 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.60 1.93 0.00	36.84 2.09 0.00	49.49 2.93 0.00	50.01 3.10 0.00	40.47 2.61 0.00	35.49 2.17 0.00	33.77 2.21 0.00	32.53 2.24 -0.47	31.61 2.16 -0.96	30.73 2.13 -0.91	31.06 2.16 -1.88	31.72 1.75 -7.58	36.64 2.04 -7.70	48.40 2.73 -12.80	48.99 3.49 -3.90	56.61 4.15 0.00	63.73 4.45 0.00	51.91 3.67 0.00	48.07 3.57 -0.36	41.62 2.69 0.00
DARBY___SOLAR 323810	35.53 1.82 0.00	34.71 1.75 0.00	32.77 1.62 0.00	33.55 1.69 0.00	34.47 1.80 0.00	36.56 1.81 0.00	49.26 2.70 0.00	49.40 2.48 0.00	39.60 1.74 0.00	34.62 1.30 0.00	32.83 1.26 0.00	31.58 1.22 -0.54	30.76 1.17 -1.11	29.85 1.11 -1.05	30.24 1.05 -2.17	32.07 0.96 -8.71	36.90 1.16 -8.85	48.74 1.44 -14.42	48.06 2.12 -4.35	55.41 2.94 0.00	62.54 3.26 0.00	50.90 2.65 0.00	46.65 2.51 0.00	40.88 1.95 0.00
DASHVILLE___HYD 23610	35.66 1.95 0.00	34.71 1.75 0.00	32.80 1.65 0.00	33.58 1.72 0.00	34.41 1.73 0.00	36.63 1.88 0.00	49.21 2.65 0.00	49.64 2.72 0.00	40.09 2.23 0.00	35.16 1.83 0.00	33.49 1.93 0.00	32.23 1.94 -0.47	31.05 1.59 -0.97	30.22 1.61 -0.92	30.54 1.62 -1.90	31.35 1.30 -7.65	36.23 1.56 -7.77	47.94 2.14 -12.93	48.26 2.70 -3.96	56.14 3.67 0.00	63.20 3.91 0.00	51.53 3.28 0.00	47.67 3.18 -0.35	41.31 2.37 0.00
DELAWARE___LFGE 323621	34.96 1.25 -0.01	34.12 1.15 0.00	32.28 1.12 0.00	33.01 1.15 -0.01	33.86 1.18 -0.01	35.97 1.22 0.00	49.92 3.35 -0.01	50.16 3.24 -0.01	39.94 2.08 -0.01	35.16 1.83 0.00	33.09 1.52 -0.01	31.15 1.19 -0.13	29.92 1.17 -0.27	29.00 1.05 -0.25	28.59 1.05 -0.52	25.33 0.83 -2.10	30.25 1.21 -2.14	38.68 1.74 -4.07	45.65 1.83 -2.23	54.68 2.20 -0.01	61.78 2.49 0.00	50.33 2.07 -0.01	47.51 1.99 -1.39	40.42 1.48 -0.01
DERFIELD_115KV_TB7 355931	33.91 0.20 0.00	33.13 0.16 0.00	31.34 0.19 0.00	32.05 0.19 0.00	32.84 0.16 0.00	34.93 0.17 0.00	46.79 0.23 0.00	47.20 0.28 0.00	38.04 0.19 0.00	33.49 0.17 0.00	31.75 0.19 0.00	29.97 0.15 0.00	28.62 0.14 0.00	27.83 0.14 0.00	27.15 0.14 0.00	22.51 0.11 0.00	27.03 0.13 0.00	33.07 0.20 0.00	41.84 0.25 0.00	52.78 0.31 0.00	59.64 0.36 0.00	48.54 0.29 0.00	44.44 0.31 0.00	39.13 0.19 0.00
DOGLEVILLE___HYD 23807	35.12 1.42 0.00	34.32 1.35 0.00	32.43 1.28 0.00	33.17 1.31 0.00	34.05 1.37 0.00	36.25 1.49 0.00	48.42 1.86 0.00	48.79 1.88 0.00	39.22 1.36 0.00	34.42 1.10 0.00	32.51 0.95 0.00	30.60 0.78 0.00	29.16 0.68 0.00	28.32 0.64 0.00	27.64 0.62 0.00	22.94 0.54 0.00	27.65 0.75 0.00	33.99 1.12 0.00	43.34 1.75 0.00	54.88 2.41 0.00	62.19 2.90 0.00	50.56 2.32 0.00	46.61 2.47 0.00	41.03 2.10 0.00
DUNKIRK___115KV_TB_200 55889	31.83 -1.85 0.02	31.45 -1.52 0.00	29.65 -1.50 0.01	30.28 -1.56 0.02	31.02 -1.63 0.02	32.87 -1.88 0.01	43.98 -2.56 0.02	44.83 -2.06 0.02	36.21 -1.63 0.02	32.26 -1.07 0.00	30.06 -1.48 0.02	28.11 -1.73 -0.01	26.91 -1.62 -0.05	26.21 -1.52 -0.05	25.64 -1.49 -0.12	21.62 -1.23 -0.45	25.74 -1.61 -0.45	31.44 -2.14 -0.71	38.99 -2.58 0.02	49.04 -3.41 0.02	55.96 -3.32 0.01	45.28 -2.94 0.02	39.89 -2.74 1.51	36.38 -2.53 0.02
DUNKIRK___1 23563	31.83 -1.85 0.02	31.45 -1.52 0.00	29.65 -1.50 0.01	30.28 -1.56 0.02	31.02 -1.63 0.02	32.87 -1.88 0.01	43.98 -2.56 0.02	44.83 -2.06 0.02	36.21 -1.63 0.02	32.26 -1.07 0.00	30.06 -1.48 0.02	28.11 -1.73 -0.01	26.91 -1.62 -0.05	26.21 -1.52 -0.05	25.64 -1.49 -0.12	21.62 -1.23 -0.45	25.74 -1.61 -0.45	31.44 -2.14 -0.71	38.99 -2.58 0.02	49.04 -3.41 0.02	55.96 -3.32 0.01	45.28 -2.94 0.02	39.89 -2.74 1.51	36.38 -2.53 0.02
DUNKIRK___2 23564	31.83 -1.85 0.02	31.45 -1.52 0.00	29.65 -1.50 0.01	30.28 -1.56 0.02	31.02 -1.63 0.02	32.87 -1.88 0.01	43.98 -2.56 0.02	44.83 -2.06 0.02	36.21 -1.63 0.02	32.26 -1.07 0.00	30.06 -1.48 0.02	28.11 -1.73 -0.01	26.91 -1.62 -0.05	26.21 -1.52 -0.05	25.64 -1.49 -0.12	21.62 -1.23 -0.45	25.74 -1.61 -0.45	31.44 -2.14 -0.71	38.99 -2.58 0.02	49.04 -3.41 0.02	55.96 -3.32 0.01	45.28 -2.94 0.02	39.89 -2.74 1.51	36.38 -2.53 0.02
DUNKIRK___3 23565	31.67 -2.02 0.02	31.28 -1.68 0.00	29.49 -1.65 0.01	30.12 -1.72 0.02	30.89 -1.76 0.02	32.66 -2.09 0.01	43.75 -2.79 0.02	44.55 -2.35 0.02	35.98 -1.85 0.02	32.06 -1.27 0.00	29.87 -1.67 0.02	27.99 -1.85 -0.01	26.76 -1.77 -0.05	26.10 -1.63 -0.05	25.54 -1.59 -0.12	21.55 -1.30 -0.45	25.66 -1.69 -0.45	31.34 -2.24 -0.71	38.83 -2.75 0.02	48.78 -3.67 0.02	55.60 -3.68 0.01	45.04 -3.18 0.02	39.72 -2.91 1.50	36.23 -2.69 0.02
DUNKIRK___4 23566	31.67 -2.02 0.02	31.28 -1.68 0.00	29.49 -1.65 0.01	30.12 -1.72 0.02	30.89 -1.76 0.02	32.66 -2.09 0.01	43.75 -2.79 0.02	44.55 -2.35 0.02	35.98 -1.85 0.02	32.06 -1.27 0.00	29.87 -1.67 0.02	27.99 -1.85 -0.01	26.76 -1.77 -0.05	26.10 -1.63 -0.05	25.54 -1.59 -0.12	21.55 -1.30 -0.45	25.66 -1.69 -0.45	31.34 -2.24 -0.71	38.83 -2.75 0.02	48.78 -3.67 0.02	55.60 -3.68 0.01	45.04 -3.18 0.02	39.72 -2.91 1.50	36.23 -2.69 0.02
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.96 2.26 0.00	34.98 2.01 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.91 2.15 0.00	49.49 2.93 0.00	50.11 3.19 0.00	40.58 2.73 0.00	35.72 2.40 0.00	34.09 2.53 0.00	32.85 2.56 -0.46	31.91 2.48 -0.95	31.03 2.44 -0.91	31.29 2.40 -1.87	31.90 1.97 -7.52	36.86 2.31 -7.64	48.58 2.99 -12.72	49.21 3.74 -3.88	56.77 4.30 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.25 3.75 -0.36	41.66 2.73 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.80 2.09 0.00	34.84 1.88 0.00	32.89 1.74 0.00	33.68 1.82 0.00	34.50 1.83 0.00	36.77 2.02 0.00	49.35 2.79 0.00	49.87 2.96 0.00	40.28 2.42 0.00	35.36 2.03 0.00	33.68 2.11 0.00	32.43 2.15 -0.46	31.47 2.05 -0.94	30.63 2.05 -0.90	30.89 2.03 -1.85	31.49 1.66 -7.43	36.44 1.99 -7.55	48.07 2.63 -12.58	48.82 3.37 -3.85	56.46 3.99 0.00	63.49 4.21 0.00	51.77 3.52 0.00	47.95 3.44 -0.37	41.46 2.53 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.96 2.26 0.00	34.94 1.98 0.00	33.05 1.90 0.00	33.80 1.94 0.00	34.70 2.03 0.00	36.70 1.95 0.00	49.12 2.56 0.00	49.87 2.96 0.00	40.47 2.61 0.00	35.72 2.40 0.00	34.09 2.53 0.00	32.88 2.59 -0.46	31.97 2.53 -0.95	31.11 2.52 -0.91	31.34 2.46 -1.87	31.94 2.02 -7.52	36.83 2.29 -7.64	48.52 2.93 -12.72	49.05 3.58 -3.88	56.51 4.04 0.00	63.43 4.15 0.00	51.67 3.43 0.00	48.03 3.53 -0.36	41.46 2.53 0.00

E179THST_13_KV_LOAD 356214	36.10 2.39 0.00	35.04 2.08 0.00	33.14 1.99 0.00	33.93 2.07 0.00	34.80 2.12 0.00	36.84 2.09 0.00	49.31 2.75 0.00	50.06 3.14 0.00	40.62 2.76 0.00	35.86 2.53 0.00	34.22 2.65 0.00	33.03 2.74 -0.46	32.11 2.68 -0.95	31.25 2.66 -0.91	31.45 2.57 -1.87	32.03 2.11 -7.52	36.94 2.39 -7.64	48.68 3.09 -12.72	49.25 3.78 -3.88	56.77 4.30 0.00	63.73 4.45 0.00	51.91 3.67 0.00	48.20 3.71 -0.36	41.62 2.69 0.00
EAST HAMPTON___GT 23717	36.61 2.90 -0.01	35.54 2.57 0.00	33.42 2.27 0.00	34.50 2.64 0.00	35.48 2.81 0.00	37.68 2.92 -0.01	50.10 3.54 0.00	50.90 3.99 0.00	40.77 2.92 0.00	35.59 2.27 0.00	34.06 2.49 0.00	32.49 2.21 -0.46	31.34 1.91 -0.95	30.42 1.83 -0.91	30.67 1.78 -1.87	31.37 1.46 -7.52	37.07 2.53 -7.64	48.46 2.89 -12.70	51.40 3.95 -5.85	56.94 4.46 -0.01	63.67 4.39 0.00	52.50 4.25 -0.01	48.83 4.33 -0.36	42.32 3.39 -0.01
EAST RIVER___6 23660	36.03 2.32 0.00	35.08 2.11 0.00	33.08 1.93 0.00	33.80 1.94 0.00	34.80 2.12 0.00	36.94 2.19 0.00	49.58 3.02 0.00	50.30 3.38 0.00	40.88 3.03 0.00	35.96 2.63 0.00	34.34 2.78 0.00	33.12 2.83 -0.46	32.17 2.73 -0.95	31.28 2.68 -0.91	31.51 2.62 -1.87	32.07 2.15 -7.52	37.04 2.50 -7.64	48.85 3.29 -12.69	49.50 4.03 -3.87	57.03 4.56 0.00	64.03 4.74 0.00	52.11 3.86 0.00	48.42 3.93 -0.36	41.77 2.84 0.00
EAST RIVER___7 23524	36.03 2.32 0.00	35.08 2.11 0.00	33.08 1.93 0.00	33.80 1.94 0.00	34.80 2.12 0.00	36.94 2.19 0.00	49.58 3.02 0.00	50.30 3.38 0.00	40.88 3.03 0.00	35.96 2.63 0.00	34.34 2.78 0.00	33.12 2.83 -0.46	32.17 2.73 -0.95	31.28 2.68 -0.91	31.51 2.62 -1.87	32.07 2.15 -7.52	37.04 2.50 -7.64	48.85 3.29 -12.69	49.50 4.03 -3.87	57.03 4.56 0.00	64.03 4.74 0.00	52.11 3.86 0.00	48.42 3.93 -0.36	41.77 2.84 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.90 2.19 0.00	34.91 1.94 0.00	32.93 1.78 0.00	33.71 1.85 0.00	34.57 1.90 0.00	36.80 2.05 0.00	49.40 2.84 0.00	49.97 3.05 0.00	40.50 2.65 0.00	35.62 2.30 0.00	33.99 2.43 0.00	32.76 2.48 -0.46	31.83 2.39 -0.95	30.95 2.35 -0.91	31.21 2.32 -1.87	31.80 1.88 -7.52	36.74 2.21 -7.64	48.47 2.89 -12.71	49.08 3.62 -3.87	56.61 4.15 0.00	63.61 4.33 0.00	51.86 3.62 0.00	48.12 3.62 -0.36	41.58 2.65 0.00
EAST_HAMPTON___DIESEL 23722	36.58 2.86 -0.01	35.50 2.54 0.00	33.39 2.24 0.00	34.47 2.61 0.00	35.45 2.78 0.00	37.61 2.85 -0.01	50.05 3.49 0.00	50.86 3.94 0.00	40.73 2.88 0.00	35.56 2.23 0.00	34.03 2.46 0.00	32.46 2.18 -0.46	31.32 1.88 -0.95	30.37 1.77 -0.91	30.64 1.75 -1.87	31.33 1.41 -7.52	37.05 2.50 -7.64	48.40 2.83 -12.70	51.35 3.91 -5.85	56.83 4.35 -0.01	63.56 4.27 0.00	52.45 4.20 -0.01	48.74 4.24 -0.36	42.29 3.35 -0.01
EAST_POINT___SOLAR 323840	35.63 1.92 0.00	34.78 1.81 0.00	32.83 1.68 0.00	33.61 1.75 0.00	34.57 1.89 0.00	36.80 2.05 0.00	49.40 2.84 0.00	48.74 1.83 0.00	37.93 0.08 0.00	33.22 -0.10 0.00	31.41 -0.16 -0.57	30.30 -0.09 -1.17	29.65 0.00 -1.11	28.64 -0.17 -2.30	29.02 -0.30 -9.32	31.56 -0.16 -9.47	37.31 0.94 -15.56	49.78 1.35 -4.84	48.51 2.08 0.00	55.62 3.15 0.00	62.84 3.56 0.00	51.09 2.85 0.00	47.29 2.83 -0.33	41.11 2.18 0.00
EAST_PULASKI___ESR 323781	33.10 -0.61 0.00	32.37 -0.59 0.00	30.62 -0.53 0.00	31.29 -0.57 0.00	32.12 -0.56 0.00	34.30 -0.45 0.00	45.91 -0.65 0.00	46.16 -0.75 0.00	37.13 -0.72 0.00	32.66 -0.67 0.00	30.90 -0.66 0.00	29.14 -0.72 -0.03	27.84 -0.71 -0.07	27.06 -0.69 -0.07	26.48 -0.67 -0.14	22.33 -0.63 -0.56	26.74 -0.73 -0.57	32.78 -0.82 -0.73	40.85 -0.92 -0.17	51.58 -0.89 0.00	58.63 -0.65 0.00	47.57 -0.68 0.00	43.12 -0.71 0.31	38.27 -0.66 0.00
EAST_RIVER___1 323558	36.03 2.32 0.00	35.08 2.11 0.00	33.08 1.93 0.00	33.80 1.94 0.00	34.80 2.12 0.00	36.91 2.16 0.00	49.49 2.94 0.00	50.20 3.28 0.00	40.77 2.92 0.00	35.89 2.57 0.00	34.25 2.68 0.00	33.03 2.74 -0.46	32.09 2.65 -0.95	31.20 2.60 -0.91	31.42 2.54 -1.87	32.00 2.08 -7.52	36.96 2.42 -7.64	48.72 3.16 -12.69	49.38 3.91 -3.87	56.93 4.46 0.00	63.91 4.63 0.00	52.01 3.77 0.00	48.38 3.88 -0.36	41.77 2.84 0.00
EAST_RIVER___2 323559	36.03 2.32 0.00	35.08 2.11 0.00	33.08 1.93 0.00	33.80 1.94 0.00	34.80 2.12 0.00	36.94 2.19 0.00	49.58 3.02 0.00	50.30 3.38 0.00	40.88 3.03 0.00	35.96 2.63 0.00	34.34 2.78 0.00	33.12 2.83 -0.46	32.17 2.73 -0.95	31.28 2.68 -0.91	31.51 2.62 -1.87	32.07 2.15 -7.52	37.04 2.50 -7.64	48.85 3.29 -12.69	49.50 4.03 -3.87	57.03 4.56 0.00	64.03 4.74 0.00	52.11 3.86 0.00	48.42 3.93 -0.36	41.77 2.84 0.00
EAST___DELAWARE_HYD 23607	36.10 2.39 0.00	35.21 2.24 0.00	33.30 2.15 0.00	34.03 2.17 0.00	35.00 2.32 0.00	37.15 2.40 0.00	49.96 3.40 0.00	50.44 3.52 0.00	40.70 2.84 0.00	35.59 2.27 0.00	33.84 2.27 0.00	32.52 2.27 -0.43	31.48 2.11 -0.89	30.58 2.05 -0.84	30.81 2.05 -1.74	31.12 1.66 -7.07	36.12 2.04 -7.18	47.49 2.76 -11.87	48.86 3.53 -3.73	56.67 4.20 0.00	63.91 4.63 0.00	52.01 3.77 0.00	48.19 3.66 -0.39	41.70 2.76 0.00
EIGHT_POINT___WT_PWR 323820	32.37 -1.32 0.03	31.65 -1.32 0.00	29.92 -1.22 0.01	30.53 -1.31 0.03	31.54 -1.11 0.03	33.31 -1.43 0.01	44.81 -1.72 0.03	45.43 -1.45 0.03	36.46 -1.36 0.03	32.29 -1.03 0.00	30.14 -1.39 0.03	28.32 -1.49 0.02	26.98 -1.51 -0.01	26.18 -1.52 -0.01	25.50 -1.57 -0.05	21.53 -1.39 -0.52	25.83 -1.59 -0.52	31.55 -1.84 -0.52	39.67 -1.75 0.18	50.56 -1.89 0.03	57.79 -1.48 0.01	46.72 -1.50 0.03	40.34 -1.55 2.25	37.23 -1.67 0.03
ELBRIDGE_115KV_TB2 80188	33.43 -0.27 0.00	32.73 -0.23 0.00	30.93 -0.22 0.00	31.60 -0.25 0.00	32.48 -0.20 0.00	34.54 -0.21 0.00	46.28 -0.28 0.00	47.67 0.75 0.00	38.46 0.61 0.00	33.86 0.53 0.00	31.88 0.32 0.00	29.99 0.12 -0.05	28.64 0.06 -0.10	27.90 0.11 -0.10	27.27 0.05 -0.20	23.11 0.00 -0.71	27.62 0.00 -0.72	33.37 -0.43 -0.93	41.27 -0.54 -0.22	51.94 -0.52 0.00	58.93 -0.36 0.00	47.76 -0.48 0.00	43.05 -0.57 0.51	38.34 -0.58 0.00
ELEC_TRO_TEK 24086	36.45 2.73 -0.02	35.37 2.41 0.00	33.24 2.09 0.00	34.12 2.26 0.00	35.06 2.39 0.00	37.41 2.64 -0.02	49.96 3.40 0.00	50.44 3.52 0.00	40.62 2.76 0.00	35.59 2.27 0.00	34.03 2.46 0.00	32.70 2.42 -0.46	31.77 2.34 -0.95	30.95 2.35 -0.91	31.21 2.32 -1.87	31.81 1.88 -7.52	37.22 2.66 -7.66	48.99 3.39 -12.74	52.96 4.08 -7.30	57.10 4.62 -0.02	64.09 4.80 0.00	52.41 4.15 -0.02	48.75 4.24 -0.38	42.22 3.27 -0.02
ELLENBURG_WT_PWR 323604	33.13 -0.57 0.00	32.50 -0.46 0.00	30.62 -0.53 0.00	31.35 -0.51 0.00	32.15 -0.52 0.00	34.27 -0.49 0.00	46.00 -0.56 0.00	46.16 -0.75 0.00	37.21 -0.64 0.00	32.79 -0.53 0.00	30.96 -0.60 0.00	29.29 -0.54 0.00	28.00 -0.48 0.00	27.13 -0.55 0.00	26.50 -0.51 0.00	21.97 -0.43 0.00	26.42 -0.48 0.00	32.28 -0.59 0.00	40.89 -0.71 0.00	51.68 -0.79 0.00	58.22 -1.07 0.00	47.47 -0.77 0.00	43.30 -0.84 0.00	38.35 -0.58 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.30 -2.39 0.02	31.02 -1.94 0.00	29.24 -1.90 0.01	29.80 -2.04 0.02	30.60 -2.06 0.02	32.31 -2.43 0.01	42.96 -3.59 0.02	43.85 -3.05 0.02	35.49 -2.35 0.02	31.66 -1.67 0.00	29.46 -2.08 0.02	27.48 -2.36 -0.02	26.34 -2.19 -0.05	25.74 -1.99 -0.05	25.21 -1.92 -0.12	21.27 -1.59 -0.46	25.31 -2.04 -0.46	30.72 -2.86 -0.71	37.97 -3.62 0.01	47.84 -4.62 0.02	54.71 -4.56 0.01	44.18 -4.05 0.02	38.94 -3.80 1.40	35.49 -3.43 0.02
EMPIRE_CC_1 323656	35.26 1.55 0.00	34.41 1.45 0.00	32.55 1.40 0.00	33.26 1.40 0.00	34.18 1.50 0.00	36.18 1.43 0.00	48.47 1.91 0.00	48.89 1.97 0.00	39.44 1.59 0.00	34.59 1.27 0.00	32.89 1.33 0.00	31.65 1.31 -0.51	30.79 1.25 -1.06	29.91 1.22 -1.00	30.28 1.19 -2.07	31.71 0.98 -8.33	36.54 1.18 -8.46	48.33 1.48 -13.99	47.79 1.96 -4.25	54.83 2.36 0.00	61.83 2.55 0.00	50.37 2.12 0.00	46.52 2.12 -0.27	40.57 1.63 0.00
EMPIRE_CC_2 323658	35.26 1.55 0.00	34.41 1.45 0.00	32.55 1.40 0.00	33.26 1.40 0.00	34.18 1.50 0.00	36.18 1.43 0.00	48.47 1.91 0.00	48.89 1.97 0.00	39.44 1.59 0.00	34.59 1.27 0.00	32.89 1.33 0.00	31.65 1.31 -0.51	30.79 1.25 -1.06	29.91 1.22 -1.00	30.28 1.19 -2.07	31.71 0.98 -8.33	36.54 1.18 -8.46	48.33 1.48 -13.99	47.79 1.96 -4.25	54.83 2.36 0.00	61.83 2.55 0.00	50.37 2.12 0.00	46.52 2.12 -0.27	40.57 1.63 0.00
ENORWICH_115KV_TB1 80156	35.60 1.89 0.00	34.78 1.81 0.00	32.90 1.74 0.00	33.58 1.72 0.00	34.67 1.99 0.00	36.84 2.09 0.00	50.15 3.59 -0.01	50.55 3.61 -0.02	40.18 2.31 -0.02	35.19 1.87 0.00	32.97 1.39 -0.02	31.01 0.98 -0.20	29.78 0.91 -0.39	28.91 0.86 -0.37	28.67 0.92 -0.74	25.66 0.69 -2.57	30.56 1.05 -2.61	38.95 1.68 -4.40	45.51 2.50 -1.42	56.15 3.67 0.00	63.97 4.68 0.00	51.72 3.47 0.00	47.72 3.00 -0.58	41.35 2.41 0.00
ERIE_ST__34_KV_TB1-2 80199	31.26 -2.43 0.02	30.79 -2.18 0.00	29.02 -2.12 0.01	29.74 -2.10 0.02	30.47 -2.19 0.02	32.14 -2.61 0.01	43.42 -3.12 0.02	44.27 -2.63 0.02	35.45 -2.38 0.02	31.56 -1.77 0.00	29.59 -1.96 0.02	27.99 -1.85 -0.01	26.77 -1.77 -0.05	26.02 -1.72 -0.05	25.48 -1.65 -0.12	21.60 -1.25 -0.45	25.82 -1.53 -0.46	31.77 -1.81 -0.71	39.29 -2.29 0.01	48.57 -3.88 0.02	54.77 -4.51 0.01	45.09 -3.14 0.02	40.24 -2.43 1.46	36.58 -2.34 0.02
ERIE_WT_PWR 323693	31.36 -2.33 0.02	30.82 -2.14 0.00	29.24 -1.90 0.01	29.87 -1.98 0.02	30.56 -2.09 0.02	32.35 -2.40 0.01	43.28 -3.26 0.02	44.09 -2.81 0.02	35.57 -2.27 0.02	31.73 -1.60 0.00	29.56 -1.99 0.02	27.72 -2.12 -0.01	26.48 -2.05 -0.05	25.85 -1.88 -0.05	25.29 -1.84 -0.12	21.41 -1.50 -0.51	25.51 -1.91 -0.52	30.98 -2.56 -0.67	38.38 -3.20 0.01	48.10 -4.35 0.02	54.95 -4.33 0.01	44.56 -3.67 0.02	39.28 -3.40 1.45	35.80 -3.12 0.02
ESPRGFLD_115KV_TB1 80157	34.99 1.28 0.00	34.15 1.19 0.00	32.27 1.12 0.00	33.01 1.15 0.00	33.89 1.21 0.00	36.11 1.36 0.00	49.50 2.93 -0.01	49.55 2.63 0.00	39.18 1.32 0.00	34.39 1.07 0.00	32.39 0.82 0.00	30.42 0.60 0.00	29.07 0.60 0.01	28.18 0.50 0.01	27.45 0.46 0.02	22.69 0.36 0.07	27.64 0.81 0.07	34.31 1.25 -0.20	43.71 1.58 -0.53	54.73 2.26 0.00	61.95 2.67 0.00	50.32 2.07 0.00	46.94 2.07 -0.73	40.49 1.56 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.31 0.61 0.01	33.56 0.59 0.00	31.71 0.56 0.00	32.43 0.57 0.01	33.32 0.65 0.01	35.48 0.73 0.00	47.67 1.12 0.01	48.50 1.55 -0.04	38.99 1.10 -0.04	34.19 0.87 0.00	32.26 0.66 -0.04	30.50 0.48 -0.20	29.26 0.40 -0.38	28.46 0.42 -0.36	28.12 0.41 -0.70	24.18 0.25 -1.53	28.80 0.35 -1.56	35.45 0.39 -2.18	42.83 0.75 -0.49	53.62 1.15 0.01	60.88 1.60 0.00	49.30 1.06 0.01	44.03 0.84 0.94	39.51 0.58 0.01
ETNA____115KV_TB2 80207	34.31 0.61 0.01	33.56 0.59 0.00	31.71 0.56 0.00	32.43 0.57 0.01	33.32 0.65 0.01	35.48 0.73 0.00	47.67 1.12 0.01	48.50 1.55 -0.04	38.99 1.10 -0.04	34.19 0.87 0.00	32.26 0.66 -0.04	30.50 0.48 -0.20	29.26 0.40 -0.38	28.46 0.42 -0.36	28.12 0.41 -0.70	24.18 0.25 -1.53	28.80 0.35 -1.56	35.45 0.39 -2.18	42.83 0.75 -0.49	53.62 1.15 0.01	60.88 1.60 0.00	49.30 1.06 0.01	44.03 0.84 0.94	39.51 0.58 0.01
EUCLID___115KV_TB2 356179	33.27 -0.44 0.00	32.54 -0.43 0.00	30.78 -0.37 0.00	31.45 -0.41 0.00	32.28 -0.39 0.00	34.34 -0.42 0.00	45.95 -0.61 0.00	46.59 -0.33 0.00	37.59 -0.26 0.00	33.12 -0.20 0.00	31.31 -0.25 0.00	29.54 -0.33 -0.04	28.22 -0.34 -0.09	27.49 -0.28 -0.08	26.88 -0.30 -0.17	22.80 -0.27 -0.67	27.23 -0.35 -0.68	33.13 -0.59 -0.85	41.00 -0.79 -0.20	51.63 -0.84 0.00	58.57 -0.71 0.00	47.47 -0.77 0.00	42.94 -0.84 0.36	38.15 -0.78 0.00
E_CANADA_CAP_HY 24051	35.19 1.48 0.00	34.35 1.38 0.00	32.43 1.28 0.00	33.20 1.34 0.00	34.15 1.47 0.00	36.28 1.53 0.00	49.12 2.56 0.00	48.89 1.97 0.00	38.54 0.68 0.00	33.69 0.37 0.00	31.79 0.22 0.00	30.62 0.21 -0.59	29.90 0.20 -1.22	28.93 0.08 -1.15	29.45 0.05 -2.38	32.12 0.11 -9.61	37.19 0.54 -9.76	49.82 0.89 -16.06	48.06 1.41 -5.05	54.73 2.25 0.00	61.83 2.55 0.00	50.27 2.03 0.00	46.77 2.25 -0.39	40.61 1.67 0.00
E_CANADA_MHWK_HY 24050	35.12 1.42 0.00	34.32 1.35 0.00	32.43 1.28 0.00	33.17 1.31 0.00	34.08 1.40 0.00	36.25 1.49 0.00	48.42 1.86 0.00	48.80 1.88 0.00	39.22 1.36 0.00	34.42 1.10 0.00	32.51 0.95 0.00	30.60 0.77 0.00	29.16 0.68 0.00	28.33 0.64 0.00	27.64 0.62 0.00	22.94 0.54 0.00	27.65 0.75 0.00	33.99 1.12 0.00	43.34 1.75 0.00	54.88 2.41 0.00	62.19 2.90 0.00	50.56 2.32 0.00	46.61 2.47 0.00	41.03 2.10 0.00
E_FISHKILL___LBMP 23776	35.59 1.89 0.00	34.65 1.68 0.00	32.71 1.56 0.00	33.48 1.62 0.00	34.34 1.67 0.00	36.53 1.77 0.00	48.98 2.42 0.00	49.54 2.63 0.00	40.09 2.23 0.00	35.26 1.93 0.00	33.62 2.05 0.00	32.38 2.09 -0.47	31.47 2.02 -0.97	30.60 1.99 -0.92	30.89 1.97 -1.90	31.65 1.61 -7.64	36.54 1.88 -7.76	48.24 2.47 -12.91	48.64 3.12 -3.93	56.04 3.57 0.00	63.02 3.73 0.00	51.38 3.14 0.00	47.57 3.09 -0.35	41.19 2.26 0.00
FALCON___SEABRD_CC1 323796	33.47 -0.23 0.00	32.83 -0.13 0.00	30.93 -0.22 0.00	31.67 -0.19 0.00	32.51 -0.16 0.00	34.65 -0.10 0.00	46.56 0.00 0.00	46.68 -0.23 0.00	37.59 -0.26 0.00	33.13 -0.20 0.00	31.28 -0.28 0.00	29.58 -0.24 0.00	28.28 -0.20 0.00	27.38 -0.30 0.00	26.77 -0.24 0.00	22.20 -0.20 0.00	26.71 -0.19 0.00	32.64 -0.23 0.00	41.34 -0.25 0.00	52.26 -0.21 0.00	58.87 -0.41 0.00	47.96 -0.29 0.00	43.78 -0.35 0.00	38.74 -0.19 0.00
FALCON___SEABRD_CC2 323797	33.47 -0.23 0.00	32.83 -0.13 0.00	30.93 -0.22 0.00	31.67 -0.19 0.00	32.51 -0.16 0.00	34.65 -0.10 0.00	46.56 0.00 0.00	46.68 -0.23 0.00	37.59 -0.26 0.00	33.13 -0.20 0.00	31.28 -0.28 0.00	29.58 -0.24 0.00	28.28 -0.20 0.00	27.38 -0.30 0.00	26.77 -0.24 0.00	22.20 -0.20 0.00	26.71 -0.19 0.00	32.64 -0.23 0.00	41.34 -0.25 0.00	52.26 -0.21 0.00	58.87 -0.41 0.00	47.96 -0.29 0.00	43.78 -0.35 0.00	38.74 -0.19 0.00

FAR ROCKAWAY___4 23548	36.82 3.10 -0.02	35.73 2.77 0.00	33.55 2.40 0.00	34.44 2.58 0.00	35.39 2.71 0.00	37.76 2.99 -0.02	50.42 3.86 0.00	50.90 3.99 0.00	41.00 3.14 0.00	35.92 2.60 0.00	34.31 2.75 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.48 2.59 -1.87	32.03 2.11 -7.52	37.49 2.93 -7.66	49.35 3.75 -12.74	53.58 4.58 -7.42	57.84 5.35 -0.02	64.80 5.51 0.00	52.99 4.73 -0.02	49.23 4.72 -0.38	42.64 3.70 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.03 2.33 0.00	35.01 2.04 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.94 2.19 0.00	49.54 2.98 0.00	50.20 3.28 0.00	40.73 2.88 0.00	35.89 2.57 0.00	34.25 2.68 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.20 2.60 -0.91	31.45 2.57 -1.87	32.01 2.08 -7.52	36.96 2.42 -7.64	48.75 3.16 -12.72	49.38 3.91 -3.88	56.93 4.46 0.00	63.91 4.62 0.00	52.11 3.86 0.00	48.38 3.88 -0.36	41.77 2.84 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.03 2.33 0.00	35.01 2.04 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.94 2.19 0.00	49.54 2.98 0.00	50.20 3.28 0.00	40.73 2.88 0.00	35.89 2.57 0.00	34.25 2.68 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.20 2.60 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.96 2.42 -7.64	48.75 3.16 -12.72	49.38 3.91 -3.88	56.93 4.46 0.00	63.91 4.62 0.00	52.11 3.86 0.00	48.38 3.88 -0.36	41.77 2.84 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.03 2.33 0.00	35.01 2.04 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.91 2.15 0.00	49.49 2.93 0.00	50.20 3.28 0.00	40.73 2.88 0.00	35.89 2.57 0.00	34.25 2.68 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.20 2.60 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.96 2.42 -7.64	48.75 3.16 -12.72	49.34 3.87 -3.88	56.93 4.46 0.00	63.91 4.62 0.00	52.06 3.81 0.00	48.38 3.88 -0.36	41.77 2.84 0.00
FARRAGUT___LBMP 323566	36.00 2.29 0.00	34.98 2.01 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.15 3.24 0.00	40.69 2.84 0.00	35.86 2.53 0.00	34.22 2.65 0.00	32.97 2.68 0.00	32.06 2.62 0.00	31.17 2.57 0.00	31.40 2.51 -1.87	31.98 2.06 -7.52	36.94 2.39 -7.64	48.71 3.12 -12.72	49.34 3.87 -3.88	56.88 4.41 0.00	63.85 4.56 0.00	52.06 3.81 0.00	48.34 3.84 -0.36	41.73 2.80 0.00
FARRCKWY_69_KV_BK2 55825	36.82 3.10 -0.02	35.73 2.77 0.00	33.55 2.40 0.00	34.44 2.58 0.00	35.39 2.71 0.00	37.76 2.99 -0.02	50.42 3.86 0.00	50.90 3.99 0.00	41.00 3.14 0.00	35.92 2.60 0.00	34.31 2.75 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.48 2.59 -1.87	32.03 2.11 -7.52	37.49 2.93 -7.66	49.35 3.75 -12.74	53.58 4.58 -7.42	57.84 5.35 -0.02	64.80 5.51 0.00	52.99 4.73 -0.02	49.23 4.72 -0.38	42.64 3.70 -0.02
FENNER___WINDPWR 24204	34.21 0.51 0.00	33.43 0.46 0.00	31.62 0.47 0.00	32.31 0.45 0.00	33.23 0.55 0.00	35.38 0.63 0.00	47.49 0.93 0.00	48.00 1.08 -0.01	38.58 0.72 -0.01	33.92 0.60 0.00	32.05 0.47 -0.01	30.23 0.33 -0.08	28.92 0.28 -0.16	28.14 0.31 -0.15	27.61 0.30 -0.30	23.60 0.20 -1.00	28.18 0.27 -1.01	34.55 0.40 -1.29	42.59 0.66 -0.33	53.46 0.99 0.00	60.70 1.42 0.00	49.26 1.01 0.00	44.58 0.84 0.39	39.55 0.62 0.00
FIBERTEK___ENERGY 23856	33.60 -0.10 0.00	32.87 -0.10 0.00	31.09 -0.06 0.00	31.76 -0.10 0.00	32.64 -0.03 0.00	34.72 -0.03 0.00	46.51 -0.05 0.00	47.57 0.66 0.00	38.38 0.53 0.00	33.79 0.47 0.00	31.88 0.32 0.00	30.02 0.15 -0.05	28.69 0.11 -0.10	27.92 0.14 -0.09	27.32 0.11 -0.19	23.14 0.04 -0.69	27.66 0.05 -0.70	33.56 -0.23 -0.92	41.52 -0.29 -0.22	52.26 -0.21 0.00	59.28 0.00 0.00	48.05 -0.19 0.00	43.37 -0.31 0.46	38.62 -0.31 0.00
FITZPATRICK___ 23598	32.80 -0.91 0.00	32.08 -0.89 0.00	30.31 -0.84 0.00	31.00 -0.86 0.00	31.73 -0.95 0.00	33.85 -0.90 0.00	45.30 -1.25 0.00	45.65 -1.26 0.00	36.87 -0.98 0.00	32.49 -0.83 0.00	30.78 -0.79 0.00	29.01 -0.83 -0.03	27.74 -0.80 -0.05	26.99 -0.75 -0.05	26.36 -0.76 -0.10	22.20 -0.63 -0.43	26.55 -0.78 -0.43	32.63 -1.02 -0.78	40.46 -1.37 -0.24	50.84 -1.63 0.00	57.62 -1.66 0.00	46.80 -1.45 0.00	42.68 -1.46 0.00	37.61 -1.32 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.93 2.22 0.00	34.98 2.01 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.63 1.96 0.00	36.91 2.15 0.00	49.54 2.98 0.00	50.06 3.14 0.00	40.47 2.61 0.00	35.49 2.17 0.00	33.81 2.24 0.00	32.56 2.27 -0.47	31.61 2.16 -0.96	30.76 2.16 -0.91	31.06 2.16 -1.89	31.76 1.77 -7.59	36.71 2.10 -7.71	48.46 2.76 -12.83	49.08 3.58 -3.91	56.67 4.20 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.15 3.66 -0.35	41.66 2.73 0.00
FORT ORANGE___ 23900	35.06 1.35 0.00	34.25 1.28 0.00	32.36 1.21 0.00	33.10 1.24 0.00	34.01 1.34 0.00	35.87 1.11 0.00	48.05 1.49 0.00	48.37 1.46 0.00	39.03 1.17 0.00	34.19 0.86 0.00	32.48 0.92 0.00	31.27 0.93 -0.52	30.39 0.83 -1.08	29.52 0.80 -1.03	29.92 0.78 -2.12	31.58 0.67 -8.51	36.35 0.81 -8.65	48.17 1.02 -14.28	47.29 1.46 -4.24	54.31 1.84 0.00	61.24 1.95 0.00	49.89 1.64 0.00	45.85 1.72 0.00	40.21 1.28 0.00
FORT_DRUM_COGEN 23780	32.90 -0.81 0.00	32.21 -0.76 0.00	30.47 -0.69 0.00	31.09 -0.76 0.00	32.18 -0.49 0.00	34.30 -0.45 0.00	46.19 -0.37 0.00	46.26 -0.66 0.00	36.83 -1.02 0.00	32.32 -1.00 0.00	30.43 -1.14 0.00	28.54 -1.31 -0.03	27.25 -1.28 -0.05	26.44 -1.30 -0.05	25.90 -1.22 -0.10	21.74 -1.08 -0.42	26.17 -1.16 -0.43	32.52 -1.05 -0.71	41.18 -0.62 -0.21	52.31 -0.16 0.00	59.70 0.41 0.00	48.39 0.14 0.00	44.18 0.04 0.00	38.89 -0.04 0.00
FOX_HILLS___ESR 323835	36.35 2.63 -0.01	35.41 2.44 -0.01	33.46 2.31 -0.01	34.13 2.26 -0.01	35.13 2.45 -0.01	37.16 2.40 -0.01	49.73 3.17 -0.01	50.44 3.52 0.00	40.88 3.03 0.00	35.99 2.67 0.00	34.34 2.78 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.56 2.67 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.15 4.67 -0.01	64.15 4.86 -0.01	52.26 4.00 -0.01	48.60 4.11 -0.36	41.98 3.04 -0.01
FPL_FAR_ROCK_GT1 24212	36.82 3.10 -0.02	35.80 2.84 0.00	33.61 2.46 0.00	34.44 2.58 0.00	35.52 2.84 0.00	37.76 2.99 -0.02	50.42 3.86 0.00	50.90 3.99 0.00	41.03 3.18 0.00	35.93 2.60 0.00	34.31 2.74 0.00	33.00 2.71 -0.46	32.09 2.65 -0.95	31.23 2.63 -0.91	31.48 2.59 -1.87	32.02 2.10 -7.52	37.48 2.93 -7.65	49.32 3.75 -12.71	53.58 4.58 -7.41	57.78 5.30 -0.02	64.80 5.51 0.00	52.94 4.68 -0.02	49.23 4.72 -0.37	42.65 3.70 -0.02
FPL_FAR_ROCK_GT2 23815	36.82 3.10 -0.02	35.80 2.84 0.00	33.61 2.46 0.00	34.44 2.58 0.00	35.52 2.84 0.00	37.76 2.99 -0.02	50.42 3.86 0.00	50.90 3.99 0.00	41.03 3.18 0.00	35.93 2.60 0.00	34.31 2.74 0.00	33.00 2.71 -0.46	32.09 2.65 -0.95	31.23 2.63 -0.91	31.48 2.59 -1.87	32.02 2.10 -7.52	37.48 2.93 -7.65	49.32 3.75 -12.71	53.58 4.58 -7.41	57.78 5.30 -0.02	64.80 5.51 0.00	52.94 4.68 -0.02	49.23 4.72 -0.37	42.65 3.70 -0.02



FRANKLIN_FALL_HYD 24054	33.37 -0.34 0.00	32.77 -0.20 0.00	30.87 -0.28 0.00	31.60 -0.25 0.00	32.45 -0.23 0.00	34.68 -0.07 0.00	46.65 0.09 0.00	46.68 -0.23 0.00	37.59 -0.26 0.00	33.12 -0.20 0.00	31.25 -0.32 0.00	29.59 -0.24 0.00	28.22 -0.26 0.00	27.30 -0.39 0.00	26.69 -0.32 0.00	22.15 -0.25 0.00	26.66 -0.24 0.00	32.61 -0.26 0.00	41.30 -0.29 0.00	52.21 -0.26 0.00	58.87 -0.41 0.00	47.96 -0.29 0.00	43.69 -0.44 0.00	38.66 -0.27 0.00
FREEPORT_EQUS_GT1 23764	36.68 2.97 -0.01	35.63 2.67 0.00	33.49 2.34 0.00	34.31 2.45 0.00	35.38 2.71 0.00	37.65 2.88 -0.01	50.24 3.68 0.00	50.72 3.80 0.00	40.84 2.99 0.00	35.73 2.40 0.00	34.12 2.56 0.00	32.79 2.51 -0.46	31.89 2.45 -0.95	31.03 2.44 -0.91	31.29 2.40 -1.87	31.89 1.97 -7.52	37.37 2.82 -7.65	49.19 3.62 -12.70	52.45 4.41 -6.45	57.52 5.04 -0.01	64.50 5.22 0.00	52.75 4.49 -0.01	49.09 4.59 -0.37	42.48 3.54 -0.01
FREEPORT___CT2 23818	36.68 2.97 -0.01	35.63 2.67 0.00	33.49 2.34 0.00	34.31 2.45 0.00	35.38 2.71 0.00	37.65 2.88 -0.01	50.24 3.68 0.00	50.72 3.80 0.00	40.84 2.99 0.00	35.73 2.40 0.00	34.12 2.56 0.00	32.79 2.51 -0.46	31.89 2.45 -0.95	31.03 2.44 -0.91	31.29 2.40 -1.87	31.89 1.97 -7.52	37.37 2.82 -7.65	49.19 3.62 -12.70	52.45 4.41 -6.45	57.52 5.04 -0.01	64.50 5.22 0.00	52.75 4.49 -0.01	49.09 4.59 -0.37	42.48 3.54 -0.01
FRESHKLS_33_KV_LOAD 356253	36.48 2.76 -0.01	35.58 2.60 -0.01	33.59 2.43 -0.01	34.29 2.42 -0.01	35.30 2.61 -0.01	37.33 2.57 -0.01	49.92 3.35 -0.01	50.62 3.71 0.00	40.96 3.10 0.00	36.06 2.73 0.00	34.41 2.84 0.00	33.21 2.92 -0.46	32.28 2.85 -0.95	31.42 2.83 -0.91	31.61 2.73 -1.87	32.18 2.26 -7.52	37.14 2.61 -7.64	48.92 3.35 -12.70	49.63 4.16 -3.88	57.30 4.82 -0.01	64.39 5.10 -0.01	52.40 4.15 -0.01	48.74 4.24 -0.36	42.13 3.19 -0.01
FULTON COGEN____ 23766	33.00 -0.71 0.00	32.27 -0.69 0.00	30.53 -0.62 0.00	31.19 -0.67 0.00	32.05 -0.62 0.00	34.09 -0.66 0.00	45.63 -0.93 0.00	46.03 -0.89 0.00	37.17 -0.68 0.00	32.72 -0.60 0.00	30.96 -0.60 0.00	29.20 -0.66 -0.04	27.90 -0.66 -0.07	27.15 -0.61 -0.07	26.54 -0.62 -0.15	22.45 -0.54 -0.58	26.85 -0.65 -0.59	32.78 -0.82 -0.73	40.70 -1.08 -0.19	51.26 -1.21 0.00	58.16 -1.13 0.00	47.14 -1.11 0.00	42.70 -1.10 0.33	37.88 -1.05 0.00
FULTON___LFGE 323630	35.42 1.72 0.00	34.58 1.61 0.00	32.65 1.50 0.00	33.42 1.56 0.00	34.37 1.70 0.00	36.52 1.77 0.00	49.21 2.65 0.00	48.89 1.97 0.00	38.50 0.64 0.00	33.59 0.27 0.00	31.72 0.16 0.00	30.57 0.18 -0.56	29.82 0.17 -1.16	28.85 0.06 -1.11	29.35 0.05 -2.28	31.81 0.16 -9.25	36.89 0.59 -9.40	49.27 0.95 -15.45	48.09 1.71 -4.79	55.30 2.83 0.00	62.48 3.20 0.00	50.80 2.56 0.00	46.97 2.51 -0.32	40.84 1.91 0.00
G.F.CEMENT___DRP 24184	35.76 2.06 0.00	34.91 1.94 0.00	32.93 1.78 0.00	33.77 1.91 0.00	34.60 1.93 0.00	36.84 2.09 0.00	49.82 3.26 0.00	49.87 2.96 0.00	39.90 2.04 0.00	34.86 1.53 0.00	33.02 1.45 0.00	31.76 1.40 -0.54	30.93 1.34 -1.11	29.99 1.25 -1.05	30.38 1.19 -2.18	32.22 1.08 -8.75	37.08 1.29 -8.89	48.88 1.51 -14.50	48.25 2.29 -4.37	55.78 3.31 0.00	62.96 3.68 0.00	51.24 2.99 0.00	46.87 2.74 0.00	41.07 2.14 0.00
GARDENVILLE___LBMP 24039	31.33 -2.36 0.02	31.02 -1.94 0.00	29.24 -1.90 0.01	29.83 -2.01 0.02	30.63 -2.03 0.02	32.35 -2.40 0.01	43.14 -3.40 0.02	43.99 -2.91 0.02	35.57 -2.27 0.02	31.69 -1.63 0.00	29.53 -2.02 0.02	27.60 -2.24 -0.01	26.42 -2.11 -0.05	25.80 -1.94 -0.05	25.27 -1.86 -0.12	21.31 -1.55 -0.45	25.42 -1.94 -0.46	30.91 -2.66 -0.71	38.25 -3.33 0.01	48.04 -4.41 0.02	54.83 -4.45 0.01	44.42 -3.81 0.02	39.20 -3.49 1.45	35.72 -3.19 0.02
GARDNVLA_35_KV_LD 355827	31.40 -2.29 0.02	31.09 -1.88 0.00	29.30 -1.84 0.01	29.90 -1.94 0.02	30.70 -1.96 0.02	32.42 -2.33 0.01	43.28 -3.26 0.02	44.13 -2.77 0.02	35.64 -2.20 0.02	31.79 -1.53 0.00	29.62 -1.93 0.02	27.69 -2.15 -0.01	26.54 -1.99 -0.05	25.91 -1.83 -0.05	25.35 -1.78 -0.12	21.40 -1.46 -0.45	25.50 -1.86 -0.46	31.05 -2.53 -0.71	38.42 -3.16 0.01	48.20 -4.25 0.02	55.01 -4.27 0.01	44.56 -3.67 0.02	39.33 -3.35 1.45	35.88 -3.04 0.02
GELCKHM___115KV_LOAD 80723	33.37 -0.34 0.00	32.67 -0.30 0.00	30.87 -0.28 0.00	31.54 -0.32 0.00	32.41 -0.26 0.00	34.47 -0.28 0.00	46.18 -0.37 0.00	46.92 0.00 0.00	37.89 0.04 0.00	33.36 0.03 0.00	31.53 -0.03 0.00	29.72 -0.15 -0.04	28.40 -0.17 -0.09	27.66 -0.11 -0.09	27.03 -0.16 -0.18	22.88 -0.16 -0.64	27.36 -0.19 -0.65	33.27 -0.46 -0.87	41.21 -0.58 -0.20	51.84 -0.63 0.00	58.81 -0.47 0.00	47.66 -0.58 0.00	43.12 -0.62 0.40	38.31 -0.62 0.00
GENERAL___MILLS 23808	31.36 -2.33 0.02	31.02 -1.94 0.00	29.24 -1.90 0.01	29.87 -1.98 0.02	30.66 -1.99 0.02	32.35 -2.40 0.01	43.19 -3.35 0.02	44.04 -2.86 0.02	35.57 -2.27 0.02	31.72 -1.60 0.00	29.56 -1.99 0.02	27.66 -2.18 -0.01	26.48 -2.05 -0.05	25.85 -1.88 -0.05	25.32 -1.81 -0.12	21.37 -1.48 -0.45	25.47 -1.88 -0.46	31.01 -2.56 -0.71	38.38 -3.20 0.01	48.15 -4.30 0.02	54.89 -4.39 0.01	44.51 -3.71 0.02	39.29 -3.40 1.45	35.84 -3.08 0.02
GE_PLASTICS___DRP 24183	34.85 1.15 0.00	34.02 1.05 0.00	32.18 1.03 0.00	32.91 1.05 0.00	33.72 1.05 0.00	35.73 0.97 0.00	47.86 1.30 0.00	48.23 1.31 0.00	38.95 1.10 0.00	34.19 0.87 0.00	32.48 0.92 0.00	31.27 0.92 -0.52	30.41 0.85 -1.08	29.57 0.86 -1.02	29.97 0.84 -2.11	31.59 0.69 -8.50	36.34 0.81 -8.63	48.16 1.02 -14.27	47.29 1.37 -4.33	54.10 1.63 0.00	61.00 1.72 0.00	49.74 1.50 0.00	45.94 1.54 -0.26	40.06 1.13 0.00
GILBOA___1 23756	34.89 1.18 0.00	34.05 1.09 0.00	32.30 1.15 0.00	33.01 1.15 0.00	33.92 1.24 0.00	35.87 1.11 0.00	48.05 1.49 0.00	48.51 1.60 0.00	39.18 1.32 0.00	34.42 1.10 0.00	32.70 1.13 0.00	31.42 1.16 -0.43	30.48 1.11 -0.89	29.61 1.08 -0.85	29.84 1.08 -1.75	30.39 0.90 -7.09	35.15 1.05 -7.20	46.11 1.35 -11.90	46.96 1.75 -3.62	54.41 1.94 0.00	61.36 2.07 0.00	50.08 1.83 0.00	46.36 1.81 -0.42	40.26 1.32 0.00
GILBOA___2 23757	34.89 1.18 0.00	34.05 1.09 0.00	32.30 1.15 0.00	33.01 1.15 0.00	33.92 1.24 0.00	35.87 1.11 0.00	48.05 1.49 0.00	48.51 1.60 0.00	39.18 1.32 0.00	34.42 1.10 0.00	32.70 1.13 0.00	31.42 1.16 -0.43	30.48 1.11 -0.89	29.61 1.08 -0.85	29.84 1.08 -1.75	30.39 0.90 -7.09	35.15 1.05 -7.20	46.11 1.35 -11.90	46.96 1.75 -3.62	54.41 1.94 0.00	61.36 2.07 0.00	50.08 1.83 0.00	46.36 1.81 -0.42	40.26 1.32 0.00
GILBOA___3 23758	34.89 1.18 0.00	34.05 1.09 0.00	32.30 1.15 0.00	33.01 1.15 0.00	33.92 1.24 0.00	35.87 1.11 0.00	48.05 1.49 0.00	48.51 1.60 0.00	39.18 1.32 0.00	34.42 1.10 0.00	32.70 1.13 0.00	31.42 1.16 -0.43	30.48 1.11 -0.89	29.61 1.08 -0.85	29.84 1.08 -1.75	30.39 0.90 -7.09	35.15 1.05 -7.20	46.11 1.35 -11.90	46.96 1.75 -3.62	54.41 1.94 0.00	61.36 2.07 0.00	50.08 1.83 0.00	46.36 1.81 -0.42	40.26 1.32 0.00

GILBOA___4 23759	34.89 1.18 0.00	34.05 1.09 0.00	32.30 1.15 0.00	33.01 1.15 0.00	33.92 1.24 0.00	35.87 1.11 0.00	48.05 1.49 0.00	48.51 1.60 0.00	39.18 1.32 0.00	34.42 1.10 0.00	32.70 1.13 0.00	31.42 1.16 -0.43	30.48 1.11 -0.89	29.61 1.08 -0.85	29.84 1.08 -1.75	30.39 0.90 -7.09	35.15 1.05 -7.20	46.11 1.35 -11.90	46.96 1.75 -3.62	54.41 1.94 0.00	61.36 2.07 0.00	50.08 1.83 0.00	46.36 1.81 -0.42	40.26 1.32 0.00
GILBOA____ 23599	34.89 1.18 0.00	34.02 1.05 0.00	32.27 1.12 0.00	33.01 1.15 0.00	33.72 1.05 0.00	35.87 1.11 0.00	48.05 1.49 0.00	48.51 1.60 0.00	39.18 1.32 0.00	34.42 1.10 0.00	32.70 1.14 0.00	31.42 1.16 -0.43	30.48 1.11 -0.89	29.61 1.08 -0.85	29.84 1.08 -1.75	30.39 0.90 -7.10	35.16 1.05 -7.21	46.15 1.35 -11.93	46.96 1.75 -3.62	54.41 1.94 0.00	61.36 2.07 0.00	50.08 1.83 0.00	46.36 1.81 -0.41	40.26 1.32 0.00
GINNA____ 23603	31.20 -2.49 0.01	30.59 -2.37 0.00	28.84 -2.30 0.00	29.56 -2.29 0.01	29.86 -2.81 0.01	32.38 -2.36 0.00	42.97 -3.58 0.01	43.72 -3.19 0.01	35.39 -2.46 0.01	31.43 -1.90 0.00	29.35 -2.21 0.01	27.40 -2.44 -0.03	26.21 -2.33 -0.06	25.62 -2.13 -0.06	24.96 -2.19 -0.13	21.06 -1.88 -0.54	25.14 -2.31 -0.55	30.43 -3.16 -0.72	37.81 -3.87 -0.09	47.90 -4.57 0.01	54.95 -4.33 0.00	44.04 -4.20 0.01	38.89 -4.37 0.87	35.15 -3.78 0.01
GLEN PARK____ 23778	33.00 -0.71 0.00	32.27 -0.69 0.00	30.53 -0.62 0.00	31.16 -0.70 0.00	32.22 -0.46 0.00	34.44 -0.31 0.00	46.33 -0.23 0.00	46.36 -0.56 0.00	36.87 -0.98 0.00	32.36 -0.97 0.00	30.46 -1.11 0.00	28.54 -1.31 -0.03	27.25 -1.28 -0.05	26.44 -1.30 -0.05	25.91 -1.22 -0.11	21.74 -1.10 -0.44	26.19 -1.16 -0.44	32.57 -1.02 -0.72	41.23 -0.58 -0.22	52.42 -0.05 0.00	59.88 0.59 0.00	48.49 0.24 0.00	44.27 0.13 0.00	38.97 0.04 0.00
GLENDALE_27_KV_LOAD 356172	36.13 2.43 0.00	35.11 2.14 0.00	33.14 1.99 0.00	33.90 2.04 0.00	34.80 2.12 0.00	36.98 2.22 0.00	49.54 2.98 0.00	50.29 3.38 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.34 2.78 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.34 2.74 -0.91	31.56 2.67 -1.87	32.12 2.20 -7.52	37.04 2.50 -7.64	48.85 3.25 -12.72	49.42 3.95 -3.88	56.98 4.51 0.00	63.97 4.68 0.00	52.11 3.86 0.00	48.42 3.93 -0.36	41.77 2.84 0.00
GLENWOOD_IC_1_G5 23712	36.45 2.73 -0.01	35.37 2.41 0.00	33.27 2.12 0.00	34.12 2.26 0.00	35.03 2.35 0.00	37.37 2.61 -0.01	49.96 3.40 0.00	50.53 3.61 0.00	40.77 2.91 0.00	35.79 2.47 0.00	34.18 2.62 0.00	32.91 2.62 -0.46	31.97 2.53 -0.95	31.11 2.52 -0.91	31.37 2.49 -1.87	31.94 2.02 -7.52	37.22 2.66 -7.66	49.02 3.42 -12.74	52.82 4.20 -7.03	57.31 4.83 -0.01	64.26 4.98 0.00	52.51 4.25 -0.01	48.79 4.28 -0.37	42.18 3.23 -0.01
GLENWOOD_IC_2_G1 23688	36.17 2.46 0.00	35.21 2.24 0.00	33.17 2.02 0.00	33.93 2.07 0.00	34.96 2.29 0.00	37.12 2.36 0.00	49.68 3.12 0.00	50.25 3.33 0.00	40.66 2.80 0.00	35.69 2.37 0.00	34.06 2.49 0.00	32.79 2.51 -0.46	31.86 2.42 -0.95	31.00 2.41 -0.91	31.26 2.38 -1.87	31.84 1.93 -7.52	36.98 2.45 -7.64	48.75 3.19 -12.69	49.52 3.91 -4.02	56.93 4.46 0.00	63.91 4.63 0.00	52.11 3.86 0.00	48.47 3.97 -0.36	41.89 2.96 0.00
GLENWOOD_IC_3_G1 23689	36.17 2.46 0.00	35.21 2.24 0.00	33.17 2.02 0.00	33.93 2.07 0.00	34.96 2.29 0.00	37.12 2.36 0.00	49.68 3.12 0.00	50.25 3.33 0.00	40.66 2.80 0.00	35.69 2.37 0.00	34.06 2.49 0.00	32.79 2.51 -0.46	31.86 2.42 -0.95	31.00 2.41 -0.91	31.26 2.38 -1.87	31.84 1.93 -7.52	36.98 2.45 -7.64	48.75 3.19 -12.69	49.52 3.91 -4.02	56.93 4.46 0.00	63.91 4.63 0.00	52.11 3.86 0.00	48.47 3.97 -0.36	41.89 2.96 0.00
GLENWOOD___4 23550	36.45 2.73 -0.01	35.37 2.41 0.00	33.27 2.12 0.00	34.12 2.26 0.00	35.03 2.35 0.00	37.37 2.61 -0.01	49.96 3.40 0.00	50.53 3.61 0.00	40.77 2.91 0.00	35.79 2.47 0.00	34.18 2.62 0.00	32.91 2.62 -0.46	31.97 2.53 -0.95	31.11 2.52 -0.91	31.37 2.49 -1.87	31.94 2.02 -7.52	37.22 2.66 -7.66	49.02 3.42 -12.74	52.82 4.20 -7.03	57.31 4.83 -0.01	64.26 4.98 0.00	52.51 4.25 -0.01	48.79 4.28 -0.37	42.18 3.23 -0.01
GLENWOOD___5 23614	36.45 2.73 -0.01	35.37 2.41 0.00	33.27 2.12 0.00	34.12 2.26 0.00	35.03 2.35 0.00	37.37 2.61 -0.01	49.96 3.40 0.00	50.53 3.61 0.00	40.77 2.91 0.00	35.79 2.47 0.00	34.18 2.62 0.00	32.91 2.62 -0.46	31.97 2.53 -0.95	31.11 2.52 -0.91	31.37 2.49 -1.87	31.94 2.02 -7.52	37.22 2.66 -7.66	49.02 3.42 -12.74	52.82 4.20 -7.03	57.31 4.83 -0.01	64.26 4.98 0.00	52.51 4.25 -0.01	48.79 4.28 -0.37	42.18 3.23 -0.01
GLOBAL GREEN_PORT_GT1 23814	36.88 3.17 -0.01	35.80 2.84 0.00	33.64 2.49 0.00	34.69 2.83 0.00	35.71 3.04 0.00	37.92 3.16 -0.01	50.47 3.91 0.00	51.19 4.27 0.00	40.96 3.10 0.00	35.76 2.43 0.00	34.22 2.65 0.00	32.67 2.39 -0.46	31.57 2.14 -0.95	30.67 2.08 -0.91	30.91 2.03 -1.87	31.57 1.66 -7.52	37.31 2.77 -7.64	48.86 3.29 -12.70	51.90 4.45 -5.85	57.52 5.04 -0.01	64.32 5.04 0.00	53.03 4.78 -0.01	49.22 4.72 -0.36	42.68 3.74 -0.01
GLOBE___DSASP 323697	30.46 -3.24 0.02	30.29 -2.67 0.00	28.56 -2.59 0.01	29.01 -2.84 0.02	29.85 -2.81 0.02	31.48 -3.27 0.01	41.47 -5.07 0.02	42.30 -4.60 0.02	34.51 -3.33 0.02	30.82 -2.50 0.00	28.58 -2.97 0.02	26.50 -3.34 -0.02	25.43 -3.10 -0.05	24.98 -2.74 -0.03	24.47 -2.65 -0.10	20.58 -2.26 -0.45	24.52 -2.85 -0.47	29.44 -4.14 -0.71	36.24 -5.37 -0.02	46.05 -6.40 0.02	52.99 -6.28 0.01	42.44 -5.79 0.02	37.38 -5.47 1.28	33.97 -4.94 0.02
GOETHSLN___LBMP 323567	35.86 2.16 0.00	34.81 1.85 0.00	32.83 1.68 0.00	33.61 1.75 0.00	34.47 1.80 0.00	36.73 1.98 0.00	49.26 2.70 0.00	49.97 3.05 0.00	40.54 2.69 0.00	35.72 2.40 0.00	34.09 2.53 0.00	32.88 2.59 -0.46	31.94 2.51 -0.95	31.09 2.49 -0.91	31.32 2.43 -1.87	31.92 1.99 -7.52	36.83 2.29 -7.64	48.62 3.02 -12.72	49.17 3.70 -3.88	56.67 4.20 0.00	63.61 4.33 0.00	51.86 3.62 0.00	48.16 3.66 -0.36	41.54 2.61 0.00
GOLAH___69_KV_TB 1_2 80279	32.48 -1.21 0.01	32.04 -0.92 0.00	30.27 -0.87 0.00	30.86 -0.99 0.01	31.78 -0.88 0.01	33.74 -1.01 0.00	44.64 -1.91 0.01	45.41 -1.50 0.01	36.82 -1.02 0.01	32.69 -0.63 0.00	30.39 -1.17 0.01	28.27 -1.58 -0.02	27.06 -1.48 -0.06	26.44 -1.30 -0.06	25.79 -1.35 -0.13	21.71 -1.19 -0.50	25.87 -1.53 -0.51	31.26 -2.33 -0.72	38.84 -2.83 -0.07	49.36 -3.10 0.01	56.73 -2.55 0.00	45.39 -2.85 0.01	40.10 -3.09 0.95	36.23 -2.69 0.01
GOODYEAR_LAKE_HYD 323669	35.06 1.35 -0.01	34.18 1.22 0.00	32.37 1.21 0.00	33.08 1.21 -0.01	33.95 1.27 -0.01	36.11 1.36 0.00	50.01 3.45 -0.01	50.21 3.28 -0.01	39.94 2.08 -0.01	35.12 1.80 0.00	33.05 1.48 -0.01	31.05 1.13 -0.09	29.78 1.11 -0.18	28.86 1.00 -0.17	28.34 0.97 -0.36	24.59 0.76 -1.43	29.54 1.18 -1.46	37.49 1.74 -2.88	45.25 1.91 -1.74	54.89 2.41 -0.01	62.07 2.79 0.00	50.52 2.27 -0.01	47.48 2.16 -1.19	40.57 1.64 -0.01

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	34.13 0.40 -0.02	33.33 0.36 0.00	31.53 0.37 -0.01	32.23 0.35 -0.02	33.09 0.39 -0.02	35.18 0.42 -0.01	47.23 0.65 -0.02	47.67 0.75 0.00	38.39 0.53 0.00	33.79 0.47 0.00	31.92 0.35 0.00	30.26 0.27 -0.17	29.06 0.23 -0.35	28.27 0.25 -0.33	27.94 0.24 -0.68	25.97 0.29 -3.28	30.58 0.35 -3.34	39.49 0.43 -6.20	44.51 0.62 -2.29	53.28 0.79 -0.02	60.30 1.01 -0.01	48.99 0.72 -0.02	47.58 0.66 -2.79	39.34 0.39 -0.02
GOUDEY___7 23579	34.13 0.40 -0.02	33.33 0.36 0.00	31.53 0.37 -0.01	32.23 0.35 -0.02	33.09 0.39 -0.02	35.18 0.42 -0.01	47.23 0.65 -0.02	47.67 0.75 0.00	38.39 0.53 0.00	33.79 0.47 0.00	31.92 0.35 0.00	30.26 0.27 -0.17	29.06 0.23 -0.35	28.27 0.25 -0.33	27.94 0.24 -0.68	25.97 0.29 -3.28	30.58 0.35 -3.34	39.49 0.43 -6.20	44.51 0.62 -2.29	53.28 0.79 -0.02	60.30 1.01 -0.01	48.99 0.72 -0.02	47.58 0.66 -2.79	39.34 0.39 -0.02
GOUDEY___8 23580	34.13 0.40 -0.02	33.33 0.36 0.00	31.53 0.37 -0.01	32.23 0.35 -0.02	33.09 0.39 -0.02	35.18 0.42 -0.01	47.23 0.65 -0.02	47.67 0.75 0.00	38.39 0.53 0.00	33.79 0.47 0.00	31.92 0.35 0.00	30.26 0.27 -0.17	29.06 0.23 -0.35	28.27 0.25 -0.33	27.94 0.24 -0.68	25.97 0.29 -3.28	30.58 0.35 -3.34	39.49 0.43 -6.20	44.51 0.62 -2.29	53.28 0.79 -0.02	60.30 1.01 -0.01	48.99 0.72 -0.02	47.58 0.66 -2.79	39.34 0.39 -0.02
GOWANUS_GT1_1 24077	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT1_2 24078	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT1_3 24079	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT1_4 24080	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT1_5 24084	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT1_6 24111	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT1_7 24112	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT1_8 24113	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT2_1 24114	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT2_2 24115	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT2_3 24116	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT2_4 24117	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01

GOWANUS_GT2_5 24118	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT2_6 24119	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT2_7 24120	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT2_8 24121	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT3_1 24122	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT3_2 24123	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT3_3 24124	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT3_4 24125	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT3_5 24126	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT3_6 24127	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT3_7 24128	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT3_8 24129	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
GOWANUS_GT4_1 24130	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT4_2 24131	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT4_3 24132	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01

GOWANUS_GT4_4 24133	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT4_5 24134	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT4_6 24135	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT4_7 24136	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GOWANUS_GT4_8 24137	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GREENBSH_115KV_TB3 55895	34.92 1.21 0.00	34.09 1.12 0.00	32.21 1.06 0.00	32.97 1.12 0.00	33.75 1.08 0.00	35.69 0.94 0.00	47.82 1.26 0.00	48.18 1.27 0.00	38.91 1.06 0.00	34.16 0.83 0.00	32.45 0.88 0.00	31.27 0.92 -0.52	30.39 0.83 -1.08	29.52 0.80 -1.03	29.92 0.78 -2.12	31.61 0.67 -8.54	36.35 0.78 -8.67	48.16 0.95 -14.34	47.27 1.33 -4.35	54.04 1.57 0.00	60.89 1.60 0.00	49.65 1.40 0.00	45.90 1.50 -0.26	40.02 1.09 0.00
GREENDGE_115KV_TB5 80291	32.94 -0.74 0.02	32.34 -0.63 0.00	30.48 -0.65 0.01	31.13 -0.70 0.02	32.03 -0.62 0.02	34.12 -0.63 0.01	45.79 -0.74 0.02	46.64 -0.23 0.04	37.48 -0.34 0.04	33.09 -0.23 0.00	30.93 -0.60 0.04	28.99 -0.81 0.03	27.64 -0.83 0.01	26.91 -0.78 0.01	26.25 -0.78 -0.02	22.12 -0.74 -0.46	26.50 -0.86 -0.46	32.28 -1.12 -0.53	40.32 -1.08 0.19	51.34 -1.10 0.02	58.38 -0.89 0.01	47.21 -1.01 0.02	40.73 -1.15 2.26	37.78 -1.13 0.02
GREENIDGE___3 23582	32.94 -0.74 0.02	32.34 -0.63 0.00	30.48 -0.65 0.01	31.13 -0.70 0.02	32.03 -0.62 0.02	34.12 -0.63 0.01	45.79 -0.74 0.02	46.64 -0.23 0.04	37.48 -0.34 0.04	33.09 -0.23 0.00	30.93 -0.60 0.04	28.99 -0.81 0.03	27.64 -0.83 0.01	26.91 -0.78 0.01	26.25 -0.78 -0.02	22.12 -0.74 -0.46	26.50 -0.86 -0.46	32.28 -1.12 -0.53	40.32 -1.08 0.19	51.34 -1.10 0.02	58.38 -0.89 0.01	47.21 -1.01 0.02	40.73 -1.15 2.26	37.78 -1.13 0.02
GREENIDGE___4 23583	32.94 -0.74 0.02	32.24 -0.73 0.00	30.48 -0.66 0.01	31.13 -0.70 0.02	32.03 -0.62 0.02	34.12 -0.62 0.01	45.84 -0.70 0.02	46.60 -0.28 0.04	37.47 -0.34 0.04	33.09 -0.23 0.00	30.93 -0.60 0.04	29.02 -0.78 0.03	27.64 -0.83 0.01	26.91 -0.78 0.01	26.25 -0.78 -0.02	22.21 -0.74 -0.55	26.59 -0.86 -0.56	32.24 -1.12 -0.49	40.32 -1.08 0.19	51.34 -1.10 0.02	58.39 -0.89 0.01	47.21 -1.02 0.02	40.72 -1.15 2.27	37.78 -1.13 0.02
GREENLWN_69_KV_BK 3 55738	36.51 2.80 -0.01	35.40 2.44 0.00	33.21 2.06 0.00	34.12 2.26 0.00	35.06 2.39 0.00	37.44 2.68 -0.01	49.86 3.31 0.00	50.25 3.33 0.00	40.35 2.50 0.00	35.32 2.00 0.00	33.77 2.21 0.00	32.43 2.15 -0.46	31.54 2.11 -0.95	30.70 2.10 -0.91	30.97 2.08 -1.87	31.63 1.70 -7.52	37.24 2.69 -7.65	49.05 3.45 -12.73	51.64 4.16 -5.89	56.78 4.30 -0.01	63.61 4.33 0.00	52.40 4.15 -0.01	48.83 4.33 -0.37	42.29 3.35 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01
GRISSOM___SOLAR 323813	35.42 1.72 0.00	34.58 1.61 0.00	32.65 1.50 0.00	33.42 1.56 0.00	34.34 1.67 0.00	36.52 1.77 0.00	49.12 2.56 0.00	48.80 1.88 0.00	38.46 0.60 0.00	33.49 0.17 0.00	31.66 0.09 0.00	30.50 0.12 -0.56	29.75 0.11 -1.16	28.81 0.03 -1.10	29.31 0.03 -2.27	31.74 0.16 -9.18	36.73 0.51 -9.33	49.05 0.85 -15.33	47.99 1.67 -4.74	55.30 2.83 0.00	62.42 3.14 0.00	50.80 2.56 0.00	46.96 2.51 -0.31	40.84 1.91 0.00
GROVEVILLE___HYD 323602	35.93 2.22 0.00	34.98 2.01 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.63 1.96 0.00	36.91 2.15 0.00	49.54 2.98 0.00	50.06 3.14 0.00	40.47 2.61 0.00	35.49 2.17 0.00	33.81 2.24 0.00	32.56 2.27 -0.47	31.61 2.16 -0.96	30.76 2.16 -0.91	31.06 2.16 -1.89	31.76 1.77 -7.59	36.71 2.10 -7.71	48.46 2.76 -12.83	49.08 3.58 -3.91	56.67 4.20 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.15 3.66 -0.35	41.66 2.73 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.60 -0.10 0.00	32.87 -0.10 0.00	31.09 -0.06 0.00	31.76 -0.10 0.00	32.64 -0.03 0.00	34.72 -0.03 0.00	46.51 -0.05 0.00	47.57 0.66 0.00	38.38 0.53 0.00	33.79 0.47 0.00	31.88 0.32 0.00	30.02 0.15 -0.05	28.69 0.11 -0.10	27.92 0.14 -0.09	27.32 0.11 -0.19	23.14 0.04 -0.69	27.66 0.05 -0.70	33.56 -0.23 -0.92	41.52 -0.29 -0.22	52.26 -0.21 0.00	59.28 0.00 0.00	48.05 -0.19 0.00	43.37 -0.31 0.46	38.62 -0.31 0.00
HAMLTNNY_34_KV_TB 80303	33.64 -0.07 0.00	32.90 -0.07 0.00	31.12 -0.03 0.00	31.79 -0.06 0.00	32.67 0.00 0.00	34.79 0.03 0.00	46.56 0.00 0.00	47.90 0.99 0.00	38.65 0.79 0.00	34.02 0.70 0.00	32.01 0.44 0.00	30.08 0.21 -0.05	28.76 0.17 -0.10	28.01 0.22 -0.10	27.38 0.16 -0.20	23.19 0.09 -0.70	27.72 0.11 -0.71	33.49 -0.30 -0.92	41.47 -0.33 -0.21	52.26 -0.21 0.00	59.34 0.06 0.00	48.05 -0.19 0.00	43.25 -0.35 0.54	38.54 -0.39 0.00

HAMPSHIRE___PAPER_HYD 323593	32.06 -1.65 0.00	31.42 -1.55 0.00	29.66 -1.49 0.00	30.33 -1.53 0.00	31.27 -1.40 0.00	33.47 -1.29 0.00	44.93 -1.63 0.00	44.95 -1.97 0.00	35.96 -1.89 0.00	31.66 -1.67 0.00	29.86 -1.70 0.00	28.11 -1.73 -0.01	26.86 -1.65 -0.03	26.00 -1.72 -0.03	25.48 -1.59 -0.06	21.30 -1.34 -0.24	25.67 -1.48 -0.25	31.65 -1.61 -0.39	40.18 -1.54 -0.12	50.84 -1.63 0.00	57.62 -1.66 0.00	46.90 -1.35 0.00	42.85 -1.28 0.00	37.88 -1.05 0.00
HARDSCRABBLE_WT_PWR 323673	34.78 1.08 0.00	33.99 1.02 0.00	32.12 0.97 0.00	32.85 0.99 0.00	33.72 1.05 0.00	35.90 1.15 0.00	48.00 1.44 0.00	48.37 1.46 0.00	38.88 1.02 0.00	34.16 0.83 0.00	32.26 0.69 0.00	30.36 0.54 0.00	28.94 0.45 0.00	28.10 0.42 0.00	27.42 0.41 0.00	22.76 0.36 0.00	27.44 0.54 0.00	33.72 0.85 0.00	42.96 1.37 0.00	54.41 1.94 0.00	61.66 2.37 0.00	50.13 1.88 0.00	46.12 1.99 0.00	40.64 1.71 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.80 2.09 0.00	34.84 1.88 0.00	32.90 1.74 0.00	33.68 1.82 0.00	34.51 1.83 0.00	36.77 2.02 0.00	49.31 2.75 0.00	49.87 2.96 0.00	40.35 2.50 0.00	35.46 2.13 0.00	33.74 2.18 0.00	32.48 2.21 -0.45	31.54 2.14 -0.92	30.70 2.13 -0.88	30.96 2.13 -1.81	31.46 1.72 -7.34	36.40 2.04 -7.45	47.89 2.70 -12.32	48.81 3.45 -3.76	56.51 4.04 0.00	63.55 4.27 0.00	51.77 3.52 0.00	47.97 3.44 -0.39	41.50 2.57 0.00
HARSNRAD_115KV_TB1 81005	31.10 -2.60 0.02	30.95 -2.01 0.00	29.18 -1.96 0.01	29.71 -2.13 0.02	30.57 -2.09 0.02	32.10 -2.64 0.01	42.45 -4.10 0.02	43.29 -3.61 0.02	35.19 -2.65 0.02	31.42 -1.90 0.00	29.12 -2.43 0.02	27.04 -2.80 -0.02	25.94 -2.59 -0.05	25.44 -2.30 -0.05	24.89 -2.24 -0.12	20.96 -1.90 -0.47	24.95 -2.42 -0.47	30.10 -3.48 -0.71	37.20 -4.41 -0.02	47.16 -5.30 0.02	54.18 -5.10 0.01	43.45 -4.78 0.02	38.42 -4.46 1.26	34.83 -4.09 0.02
HARZA MOOSE___RIVER 24016	33.23 -0.47 0.00	32.47 -0.49 0.00	30.75 -0.40 0.00	31.45 -0.41 0.00	32.45 -0.23 0.00	34.61 -0.14 0.00	46.56 0.00 0.00	46.78 -0.14 0.00	37.48 -0.38 0.00	32.92 -0.40 0.00	31.09 -0.47 0.00	29.19 -0.66 -0.02	27.87 -0.66 -0.04	27.06 -0.66 -0.04	26.48 -0.62 -0.08	22.17 -0.56 -0.33	26.73 -0.51 -0.34	33.03 -0.39 -0.56	41.92 0.17 -0.16	52.99 0.52 0.00	60.29 1.01 0.00	48.92 0.68 0.00	44.71 0.57 0.00	39.36 0.43 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.40 -0.30 0.00	32.70 -0.26 0.00	30.90 -0.25 0.00	31.57 -0.29 0.00	32.45 -0.23 0.00	34.51 -0.24 0.00	46.19 -0.37 0.00	46.87 -0.05 0.00	37.85 0.00 0.00	33.32 0.00 0.00	31.50 -0.06 -0.05	29.72 -0.15 -0.10	28.41 -0.17 -0.09	27.67 -0.11 -0.19	27.07 -0.14 -0.19	23.00 -0.16 -0.76	27.48 -0.19 -0.77	33.42 -0.43 -0.98	41.28 -0.54 -0.22	51.89 -0.58 0.00	58.87 -0.41 0.00	47.72 -0.53 0.00	43.20 -0.57 0.36	38.35 -0.58 0.00
HELLGATE_13_KV_LD 55870	36.13 2.43 0.00	35.11 2.14 0.00	33.14 1.99 0.00	33.93 2.07 0.00	34.80 2.12 0.00	36.94 2.19 0.00	49.49 2.93 0.00	50.25 3.33 0.00	40.77 2.91 0.00	35.99 2.67 0.00	34.34 2.78 0.00	33.12 2.83 -0.46	32.20 2.76 -0.95	31.34 2.74 -0.91	31.56 2.67 -1.87	32.12 2.20 -7.52	37.04 2.50 -7.64	48.81 3.22 -12.72	49.38 3.91 -3.88	56.93 4.46 0.00	63.91 4.62 0.00	52.06 3.81 0.00	48.34 3.84 -0.36	41.73 2.80 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.13 2.43 0.00	35.11 2.14 0.00	33.14 1.99 0.00	33.93 2.07 0.00	34.80 2.12 0.00	36.94 2.19 0.00	49.49 2.93 0.00	50.25 3.33 0.00	40.77 2.91 0.00	35.99 2.67 0.00	34.34 2.78 0.00	33.12 2.83 -0.46	32.20 2.76 -0.95	31.34 2.74 -0.91	31.56 2.67 -1.87	32.12 2.20 -7.52	37.04 2.50 -7.64	48.81 3.22 -12.72	49.38 3.91 -3.88	56.93 4.46 0.00	63.91 4.62 0.00	52.06 3.81 0.00	48.34 3.84 -0.36	41.73 2.80 0.00
HEMPSTEAD___ 23647	36.55 2.83 -0.01	35.54 2.57 0.00	33.39 2.24 0.00	34.22 2.36 0.00	35.29 2.61 0.00	37.51 2.74 -0.01	50.10 3.54 0.00	50.58 3.66 0.00	40.77 2.92 0.00	35.73 2.40 0.00	34.12 2.56 0.00	32.82 2.53 -0.46	31.89 2.45 -0.95	31.03 2.44 -0.91	31.29 2.40 -1.87	31.89 1.97 -7.52	37.29 2.75 -7.65	49.09 3.52 -12.71	52.56 4.28 -6.68	57.36 4.88 -0.01	64.32 5.04 0.00	52.55 4.29 -0.01	48.92 4.41 -0.37	42.33 3.39 -0.01
HICKLING___1 23621	32.52 -1.15 0.04	31.94 -1.02 0.00	30.04 -1.09 0.02	30.74 -1.08 0.04	31.56 -1.08 0.04	33.59 -1.15 0.02	45.21 -1.30 0.04	45.94 -0.94 0.04	36.94 -0.87 0.04	32.72 -0.60 0.00	30.64 -0.88 0.04	28.88 -0.92 0.02	27.54 -0.94 0.00	26.75 -0.94 -0.01	26.15 -0.92 -0.05	21.76 -0.83 -0.19	26.11 -0.97 -0.18	31.74 -1.18 -0.06	39.81 -1.25 0.54	50.85 -1.57 0.04	57.78 -1.48 0.02	46.76 -1.45 0.04	39.27 -1.28 3.58	37.57 -1.32 0.04
HICKLING___2 23622	32.52 -1.15 0.04	31.94 -1.02 0.00	30.04 -1.09 0.02	30.74 -1.08 0.04	31.56 -1.08 0.04	33.59 -1.15 0.02	45.21 -1.30 0.04	45.94 -0.94 0.04	36.94 -0.87 0.04	32.72 -0.60 0.00	30.64 -0.88 0.04	28.88 -0.92 0.02	27.54 -0.94 0.00	26.75 -0.94 -0.01	26.15 -0.92 -0.05	21.76 -0.83 -0.19	26.11 -0.97 -0.18	31.74 -1.18 -0.06	39.81 -1.25 0.54	50.85 -1.57 0.04	57.78 -1.48 0.02	46.76 -1.45 0.04	39.27 -1.28 3.58	37.57 -1.32 0.04
HIGH FALLS___HY 23754	35.93 2.22 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.83 1.98 0.00	34.67 1.99 0.00	36.98 2.22 0.00	49.73 3.17 0.00	50.25 3.33 0.00	40.54 2.69 0.00	35.56 2.23 0.00	33.84 2.27 0.00	32.52 2.24 -0.46	31.63 2.19 -0.95	30.78 2.19 -0.90	31.07 2.19 -1.86	31.66 1.77 -7.50	36.66 2.15 -7.61	48.44 2.89 -12.68	49.28 3.78 -3.91	56.93 4.46 0.00	64.09 4.80 0.00	52.20 3.96 0.00	48.30 3.80 -0.37	41.77 2.84 0.00
HIGH_RIVER___SOLAR 323847	35.09 1.38 0.00	34.28 1.32 0.00	32.40 1.25 0.00	33.14 1.28 0.00	34.05 1.37 0.00	36.14 1.39 0.00	48.56 2.00 0.00	48.56 1.64 0.00	38.61 0.76 0.00	33.76 0.43 0.00	31.94 0.38 0.00	30.82 0.45 -0.55	29.99 0.37 -1.13	29.07 0.31 -1.08	29.51 0.27 -2.23	31.63 0.29 -8.94	36.84 0.86 -9.08	49.03 1.15 -15.01	47.86 1.67 -4.60	54.78 2.31 0.00	61.83 2.55 0.00	50.32 2.07 0.00	46.44 2.03 -0.27	40.45 1.52 0.00
HILLBURN___GT 23639	35.83 2.12 0.00	34.91 1.94 0.00	32.96 1.81 0.00	33.67 1.82 0.00	34.63 1.96 0.00	36.77 2.01 0.00	49.31 2.75 0.00	49.87 2.96 0.00	40.43 2.58 0.00	35.52 2.20 0.00	33.84 2.27 0.00	32.60 2.33 -0.45	31.66 2.25 -0.93	30.79 2.22 -0.88	31.02 2.19 -1.82	31.58 1.79 -7.38	36.50 2.10 -7.50	48.00 2.76 -12.37	48.87 3.49 -3.78	56.51 4.04 0.00	63.56 4.27 0.00	51.72 3.48 0.00	48.00 3.49 -0.38	41.50 2.57 0.00
HILLSIDE_115KV_TB1 80332	32.08 -1.58 0.05	31.51 -1.45 0.00	29.63 -1.50 0.02	30.32 -1.50 0.05	31.09 -1.54 0.05	33.10 -1.63 0.02	44.56 -1.96 0.05	45.28 -1.60 0.04	36.41 -1.40 0.04	32.29 -1.03 0.00	30.23 -1.29 0.04	28.55 -1.25 0.02	27.26 -1.22 -0.01	26.48 -1.22 -0.01	25.91 -1.16 -0.06	21.43 -1.01 -0.03	25.74 -1.18 -0.03	31.13 -1.41 0.32	39.17 -1.66 0.76	50.22 -2.20 0.05	56.95 -2.31 0.02	46.17 -2.03 0.05	38.07 -1.81 4.25	37.13 -1.75 0.05

HISHELDN_WT_PWR 323625	31.50 -2.19 0.02	30.92 -2.04 0.00	29.30 -1.84 0.01	29.93 -1.91 0.02	30.60 -2.06 0.02	32.45 -2.29 0.01	43.37 -3.17 0.02	44.08 -2.81 0.02	35.56 -2.27 0.02	31.73 -1.60 0.00	29.56 -1.99 0.02	27.63 -2.21 -0.01	26.42 -2.11 -0.04	25.77 -1.97 -0.04	25.18 -1.95 -0.11	21.27 -1.63 -0.51	25.34 -2.07 -0.51	30.78 -2.73 -0.64	38.25 -3.29 0.05	48.36 -4.09 0.02	55.36 -3.91 0.01	44.75 -3.47 0.02	39.20 -3.27 1.67	35.83 -3.08 0.02
HOLTSVILLE_IC_1 23690	36.81 3.10 -0.01	35.73 2.77 0.00	33.55 2.40 0.00	34.41 2.55 0.00	35.52 2.84 0.00	37.78 3.02 -0.01	50.29 3.73 0.00	50.72 3.80 0.00	40.77 2.92 0.00	35.59 2.27 0.00	33.99 2.43 0.00	32.61 2.33 -0.46	31.69 2.25 -0.95	30.84 2.24 -0.91	31.10 2.22 -1.87	31.73 1.81 -7.52	37.39 2.85 -7.64	49.19 3.62 -12.70	52.02 4.58 -5.85	57.47 4.99 -0.01	64.32 5.04 0.00	52.93 4.68 -0.01	49.22 4.72 -0.36	42.64 3.70 -0.01
HOLTSVILLE_IC_10 23699	36.98 3.27 -0.01	35.90 2.93 0.00	33.67 2.52 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.99 3.23 -0.01	50.51 3.96 0.00	51.00 4.08 0.00	40.96 3.10 0.00	35.73 2.40 0.00	34.12 2.56 0.00	32.73 2.45 -0.46	31.77 2.34 -0.95	30.95 2.35 -0.91	31.21 2.32 -1.87	31.82 1.90 -7.52	37.53 2.99 -7.64	49.38 3.81 -12.70	52.32 4.86 -5.86	57.88 5.41 -0.01	64.74 5.45 0.00	53.23 4.97 -0.01	49.49 4.99 -0.36	42.83 3.89 -0.01
HOLTSVILLE_IC_2 23691	36.81 3.10 -0.01	35.73 2.77 0.00	33.55 2.40 0.00	34.41 2.55 0.00	35.52 2.84 0.00	37.78 3.02 -0.01	50.29 3.73 0.00	50.72 3.80 0.00	40.77 2.92 0.00	35.59 2.27 0.00	33.99 2.43 0.00	32.61 2.33 -0.46	31.69 2.25 -0.95	30.84 2.24 -0.91	31.10 2.22 -1.87	31.73 1.81 -7.52	37.39 2.85 -7.64	49.19 3.62 -12.70	52.02 4.58 -5.85	57.47 4.99 -0.01	64.32 5.04 0.00	52.93 4.68 -0.01	49.22 4.72 -0.36	42.64 3.70 -0.01
HOLTSVILLE_IC_3 23692	36.81 3.10 -0.01	35.73 2.77 0.00	33.55 2.40 0.00	34.41 2.55 0.00	35.52 2.84 0.00	37.78 3.02 -0.01	50.29 3.73 0.00	50.72 3.80 0.00	40.77 2.92 0.00	35.59 2.27 0.00	33.99 2.43 0.00	32.61 2.33 -0.46	31.69 2.25 -0.95	30.84 2.24 -0.91	31.10 2.22 -1.87	31.73 1.81 -7.52	37.39 2.85 -7.64	49.19 3.62 -12.70	52.02 4.58 -5.85	57.47 4.99 -0.01	64.32 5.04 0.00	52.93 4.68 -0.01	49.22 4.72 -0.36	42.64 3.70 -0.01
HOLTSVILLE_IC_4 23693	36.81 3.10 -0.01	35.73 2.77 0.00	33.55 2.40 0.00	34.41 2.55 0.00	35.52 2.84 0.00	37.78 3.02 -0.01	50.29 3.73 0.00	50.72 3.80 0.00	40.77 2.92 0.00	35.59 2.27 0.00	33.99 2.43 0.00	32.61 2.33 -0.46	31.69 2.25 -0.95	30.84 2.24 -0.91	31.10 2.22 -1.87	31.73 1.81 -7.52	37.39 2.85 -7.64	49.19 3.62 -12.70	52.02 4.58 -5.85	57.47 4.99 -0.01	64.32 5.04 0.00	52.93 4.68 -0.01	49.22 4.72 -0.36	42.64 3.70 -0.01
HOLTSVILLE_IC_5 23694	36.81 3.10 -0.01	35.73 2.77 0.00	33.55 2.40 0.00	34.41 2.55 0.00	35.52 2.84 0.00	37.78 3.02 -0.01	50.29 3.73 0.00	50.72 3.80 0.00	40.77 2.92 0.00	35.59 2.27 0.00	33.99 2.43 0.00	32.61 2.33 -0.46	31.69 2.25 -0.95	30.84 2.24 -0.91	31.10 2.22 -1.87	31.73 1.81 -7.52	37.39 2.85 -7.64	49.19 3.62 -12.70	52.02 4.58 -5.85	57.47 4.99 -0.01	64.32 5.04 0.00	52.93 4.68 -0.01	49.22 4.72 -0.36	42.64 3.70 -0.01
HOLTSVILLE_IC_6 23695	36.98 3.27 -0.01	35.90 2.93 0.00	33.67 2.52 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.99 3.23 -0.01	50.51 3.96 0.00	51.00 4.08 0.00	40.96 3.10 0.00	35.73 2.40 0.00	34.12 2.56 0.00	32.73 2.45 -0.46	31.77 2.34 -0.95	30.95 2.35 -0.91	31.21 2.32 -1.87	31.82 1.90 -7.52	37.53 2.99 -7.64	49.38 3.81 -12.70	52.32 4.86 -5.86	57.88 5.41 -0.01	64.74 5.45 0.00	53.23 4.97 -0.01	49.49 4.99 -0.36	42.83 3.89 -0.01
HOLTSVILLE_IC_7 23696	36.98 3.27 -0.01	35.90 2.93 0.00	33.67 2.52 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.99 3.23 -0.01	50.51 3.96 0.00	51.00 4.08 0.00	40.96 3.10 0.00	35.73 2.40 0.00	34.12 2.56 0.00	32.73 2.45 -0.46	31.77 2.34 -0.95	30.95 2.35 -0.91	31.21 2.32 -1.87	31.82 1.90 -7.52	37.53 2.99 -7.64	49.38 3.81 -12.70	52.32 4.86 -5.86	57.88 5.41 -0.01	64.74 5.45 0.00	53.23 4.97 -0.01	49.49 4.99 -0.36	42.83 3.89 -0.01
HOLTSVILLE_IC_8 23697	36.98 3.27 -0.01	35.90 2.93 0.00	33.67 2.52 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.99 3.23 -0.01	50.51 3.96 0.00	51.00 4.08 0.00	40.96 3.10 0.00	35.73 2.40 0.00	34.12 2.56 0.00	32.73 2.45 -0.46	31.77 2.34 -0.95	30.95 2.35 -0.91	31.21 2.32 -1.87	31.82 1.90 -7.52	37.53 2.99 -7.64	49.38 3.81 -12.70	52.32 4.86 -5.86	57.88 5.41 -0.01	64.74 5.45 0.00	53.23 4.97 -0.01	49.49 4.99 -0.36	42.83 3.89 -0.01
HOLTSVILLE_IC_9 23698	36.98 3.27 -0.01	35.90 2.93 0.00	33.67 2.52 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.99 3.23 -0.01	50.51 3.96 0.00	51.00 4.08 0.00	40.96 3.10 0.00	35.73 2.40 0.00	34.12 2.56 0.00	32.73 2.45 -0.46	31.77 2.34 -0.95	30.95 2.35 -0.91	31.21 2.32 -1.87	31.82 1.90 -7.52	37.53 2.99 -7.64	49.38 3.81 -12.70	52.32 4.86 -5.86	57.88 5.41 -0.01	64.74 5.45 0.00	53.23 4.97 -0.01	49.49 4.99 -0.36	42.83 3.89 -0.01
HOMER_HL_115KV_TB2 355744	31.36 -2.33 0.02	30.72 -2.24 0.00	28.90 -2.24 0.01	29.77 -2.07 0.02	30.37 -2.29 0.02	32.14 -2.61 0.01	43.93 -2.61 0.02	44.69 -2.21 0.02	35.52 -2.31 0.02	31.49 -1.83 0.00	29.71 -1.83 0.02	28.43 -1.40 -0.01	27.10 -1.42 -0.04	26.21 -1.52 -0.04	25.72 -1.40 -0.11	21.83 -1.01 -0.44	26.24 -1.10 -0.44	32.59 -0.99 -0.71	40.33 -1.21 0.05	49.46 -2.99 0.02	55.18 -4.09 0.01	45.91 -2.32 0.02	41.02 -1.41 1.70	37.39 -1.52 0.02
HOWARD_WT_PWR 323690	32.36 -1.32 0.03	31.65 -1.32 0.00	29.92 -1.22 0.01	30.52 -1.31 0.03	31.54 -1.11 0.03	33.31 -1.43 0.01	44.86 -1.67 0.03	45.52 -1.36 0.04	36.53 -1.29 0.04	32.36 -0.97 0.00	30.20 -1.32 0.04	28.34 -1.46 0.02	27.00 -1.48 0.00	26.20 -1.50 0.00	25.51 -1.54 -0.04	21.53 -1.39 -0.52	25.81 -1.61 -0.53	31.53 -1.84 -0.50	39.69 -1.71 0.20	50.60 -1.84 0.03	57.85 -1.42 0.01	46.77 -1.45 0.03	40.30 -1.50 2.34	37.27 -1.63 0.03
HQ_GEN_CEDARS 23644	33.07 -0.64 0.00	32.47 -0.49 0.00	30.59 -0.56 0.00	31.32 -0.54 0.00	32.15 -0.52 0.00	34.30 -0.45 0.00	46.09 -0.47 0.00	46.07 -0.84 0.00	37.06 -0.79 0.00	32.69 -0.63 0.00	30.90 -0.66 0.00	29.26 -0.57 0.00	27.94 -0.54 0.00	27.05 -0.64 0.00	26.45 -0.57 0.00	21.95 -0.45 0.00	26.41 -0.48 0.00	32.28 -0.59 0.00	40.84 -0.75 0.00	51.58 -0.89 0.00	58.16 -1.13 0.00	47.47 -0.77 0.00	43.39 -0.75 0.00	38.46 -0.47 0.00
HQ_GEN_CEDARS_PROXY 323590	33.07 -0.64 0.00	32.47 -0.49 0.00	30.59 -0.56 0.00	31.32 -0.54 0.00	32.19 -0.49 0.00	34.34 -0.42 0.00	46.09 -0.47 0.00	46.07 -0.84 0.00	37.06 -0.80 0.00	32.69 -0.63 0.00	30.90 -0.66 0.00	29.26 -0.57 0.00	27.94 -0.54 0.00	27.05 -0.64 0.00	26.45 -0.57 0.00	21.95 -0.45 0.00	26.42 -0.48 0.00	32.28 -0.59 0.00	40.85 -0.75 0.00	51.63 -0.84 0.00	58.16 -1.13 0.00	48.52 -0.77 -1.05	42.34 -0.75 1.05	38.46 -0.47 0.00

HQ_GEN_CHPE_PROXY 323851	35.97 2.26 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.74 1.88 0.00	34.73 2.06 0.00	36.84 2.09 0.00	49.40 2.84 0.00	50.06 3.14 0.00	40.66 2.80 0.00	35.79 2.47 0.00	34.15 2.59 0.00	32.94 2.65 -0.46	32.00 2.56 -0.95	31.14 2.55 -0.91	31.37 2.48 -1.87	31.93 2.02 -7.52	36.87 2.34 -7.64	48.62 3.06 -12.69	49.25 3.78 -3.87	56.77 4.30 0.00	63.73 4.45 0.00	52.96 3.66 -1.05	47.28 3.84 0.69	41.73 2.80 0.00
HQ_GEN_IMPORT 323601	33.47 -0.23 0.00	32.77 -0.20 0.00	30.93 -0.22 0.00	31.64 -0.22 0.00	32.45 -0.23 0.00	34.55 -0.21 0.00	46.33 -0.23 0.00	46.59 -0.33 0.00	37.59 -0.26 0.00	33.09 -0.23 0.00	31.31 -0.25 0.00	29.62 -0.21 0.00	28.28 -0.20 0.00	27.47 -0.22 0.00	26.83 -0.19 0.00	22.24 -0.16 0.00	26.74 -0.16 0.00	32.67 -0.20 0.00	41.30 -0.29 0.00	52.16 -0.31 0.00	58.81 -0.48 0.00	48.96 -0.34 -1.05	42.78 -0.31 1.05	38.85 -0.08 0.00
HQ_GEN_WHEEL 23651	33.47 -0.23 0.00	32.77 -0.20 0.00	30.93 -0.22 0.00	31.64 -0.22 0.00	32.45 -0.23 0.00	34.55 -0.21 0.00	46.33 -0.23 0.00	46.59 -0.33 0.00	37.59 -0.26 0.00	33.09 -0.23 0.00	31.31 -0.25 0.00	29.62 -0.21 0.00	28.28 -0.20 0.00	27.47 -0.22 0.00	26.83 -0.19 0.00	22.24 -0.16 0.00	26.74 -0.16 0.00	32.67 -0.20 0.00	41.30 -0.29 0.00	52.16 -0.31 0.00	58.81 -0.48 0.00	48.96 -0.34 -1.05	42.78 -0.31 1.05	38.85 -0.08 0.00
HUDSON_AVE_GT_3 23810	36.07 2.36 0.00	35.01 2.04 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.70 2.03 0.00	36.94 2.19 0.00	49.54 2.98 0.00	50.25 3.33 0.00	40.73 2.88 0.00	35.89 2.57 0.00	34.28 2.71 0.00	33.03 2.74 -0.46	32.11 2.68 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.03 2.11 -7.52	36.99 2.45 -7.64	48.78 3.19 -12.72	49.38 3.91 -3.88	56.98 4.51 0.00	63.97 4.68 0.00	52.11 3.86 0.00	48.42 3.93 -0.36	41.81 2.88 0.00
HUDSON_AVE_GT_4 23540	36.07 2.36 0.00	35.01 2.04 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.70 2.03 0.00	36.94 2.19 0.00	49.54 2.98 0.00	50.25 3.33 0.00	40.73 2.88 0.00	35.89 2.57 0.00	34.28 2.71 0.00	33.03 2.74 -0.46	32.11 2.68 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.03 2.11 -7.52	36.99 2.45 -7.64	48.78 3.19 -12.72	49.38 3.91 -3.88	56.98 4.51 0.00	63.97 4.68 0.00	52.11 3.86 0.00	48.42 3.93 -0.36	41.81 2.88 0.00
HUDSON_AVE_GT_5 23657	36.07 2.36 0.00	35.01 2.04 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.70 2.03 0.00	36.94 2.19 0.00	49.54 2.98 0.00	50.25 3.33 0.00	40.73 2.88 0.00	35.89 2.57 0.00	34.28 2.71 0.00	33.03 2.74 -0.46	32.11 2.68 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.03 2.11 -7.52	36.99 2.45 -7.64	48.78 3.19 -12.72	49.38 3.91 -3.88	56.98 4.51 0.00	63.97 4.68 0.00	52.11 3.86 0.00	48.42 3.93 -0.36	41.81 2.88 0.00
HUDSON_AVE_I0 24168	35.90 2.19 0.00	34.88 1.91 0.00	-0.09 1.71 32.96	0.00 1.78 33.64	-0.16 1.83 34.67	36.75 2.02 0.02	49.31 2.75 0.00	50.01 3.10 0.00	40.54 2.69 0.00	35.72 2.40 0.00	34.09 2.53 0.00	32.88 2.59 -0.46	31.94 2.51 -0.95	31.09 2.49 -0.91	31.32 2.43 -1.87	31.92 1.99 -7.52	36.83 2.29 -7.64	48.62 3.02 -12.72	49.21 3.74 -3.88	56.72 4.25 0.00	63.67 4.39 0.00	51.91 3.67 0.00	48.20 3.71 -0.36	41.56 2.65 0.02
HUDSON___115KV_TB 4 355613	35.43 1.72 0.00	34.58 1.62 0.00	32.68 1.53 0.00	33.45 1.59 0.00	34.28 1.60 0.00	36.32 1.56 0.00	48.70 2.14 0.00	48.98 2.06 0.00	39.33 1.48 0.00	34.39 1.07 0.00	32.57 1.01 0.00	31.36 1.01 -0.52	30.35 0.80 -1.07	29.48 0.78 -1.02	29.90 0.78 -2.10	31.51 0.67 -8.44	36.33 0.86 -8.57	48.19 1.15 -14.17	47.68 1.79 -4.30	55.09 2.62 0.00	62.19 2.90 0.00	50.61 2.36 0.00	46.75 2.34 -0.27	40.72 1.79 0.00
HUNTER MOUNT___DRP 323613	35.53 1.82 0.00	34.68 1.71 0.00	32.77 1.62 0.00	33.55 1.69 0.00	34.37 1.70 0.00	36.42 1.67 0.00	48.89 2.33 0.00	49.12 2.21 0.00	39.41 1.55 0.00	34.39 1.07 0.00	32.57 1.01 0.00	31.35 1.01 -0.51	30.19 0.66 -1.06	29.35 0.66 -1.00	29.76 0.68 -2.07	31.30 0.58 -8.32	36.10 0.75 -8.45	47.91 1.05 -13.99	47.55 1.71 -4.25	55.25 2.78 0.00	62.43 3.14 0.00	50.80 2.56 0.00	46.93 2.52 -0.28	40.84 1.91 0.00
HUNTINGTON_RES_REC 323705	36.41 2.70 -0.01	35.37 2.41 0.00	33.21 2.06 0.00	34.03 2.17 0.00	35.13 2.45 0.00	37.33 2.57 -0.01	49.73 3.17 0.00	50.06 3.14 0.00	40.24 2.39 0.00	35.19 1.87 0.00	33.61 2.05 0.00	32.32 2.03 -0.46	31.40 1.96 -0.95	30.56 1.97 -0.91	30.86 1.97 -1.87	31.51 1.59 -7.52	37.15 2.61 -7.64	48.92 3.35 -12.70	51.49 4.03 -5.87	56.57 4.10 -0.01	63.37 4.09 0.00	52.16 3.91 -0.01	48.74 4.24 -0.36	42.17 3.23 -0.01
HUNTLEY___63 23557	31.16 -2.53 0.02	30.92 -2.04 0.00	29.18 -1.96 0.01	29.71 -2.13 0.02	30.53 -2.12 0.02	32.17 -2.57 0.01	42.63 -3.91 0.02	43.48 -3.42 0.02	35.30 -2.54 0.02	31.52 -1.80 0.00	29.28 -2.27 0.02	27.19 -2.65 -0.02	26.06 -2.48 -0.05	25.52 -2.22 -0.04	24.99 -2.13 -0.11	21.06 -1.79 -0.45	25.08 -2.29 -0.47	30.29 -3.29 -0.71	37.44 -4.16 -0.01	47.36 -5.09 0.02	54.36 -4.92 0.01	43.69 -4.54 0.02	38.58 -4.24 1.32	35.06 -3.85 0.02
HUNTLEY___64 23558	31.16 -2.53 0.02	30.92 -2.04 0.00	29.18 -1.96 0.01	29.71 -2.13 0.02	30.53 -2.12 0.02	32.17 -2.57 0.01	42.63 -3.91 0.02	43.48 -3.42 0.02	35.30 -2.54 0.02	31.52 -1.80 0.00	29.28 -2.27 0.02	27.19 -2.65 -0.02	26.06 -2.48 -0.05	25.52 -2.22 -0.04	24.99 -2.13 -0.11	21.06 -1.79 -0.45	25.08 -2.29 -0.47	30.29 -3.29 -0.71	37.44 -4.16 -0.01	47.36 -5.09 0.02	54.36 -4.92 0.01	43.69 -4.54 0.02	38.58 -4.24 1.32	35.06 -3.85 0.02
HUNTLEY___65 23559	31.16 -2.53 0.02	30.92 -2.04 0.00	29.18 -1.96 0.01	29.71 -2.13 0.02	30.53 -2.12 0.02	32.17 -2.57 0.01	42.63 -3.91 0.02	43.48 -3.42 0.02	35.30 -2.54 0.02	31.52 -1.80 0.00	29.28 -2.27 0.02	27.19 -2.65 -0.02	26.06 -2.48 -0.05	25.52 -2.22 -0.04	24.99 -2.13 -0.11	21.06 -1.79 -0.45	25.08 -2.29 -0.47	30.29 -3.29 -0.71	37.44 -4.16 -0.01	47.36 -5.09 0.02	54.36 -4.92 0.01	43.69 -4.54 0.02	38.58 -4.24 1.32	35.06 -3.85 0.02
HUNTLEY___66 23560	31.16 -2.53 0.02	30.92 -2.04 0.00	29.18 -1.96 0.01	29.71 -2.13 0.02	30.53 -2.12 0.02	32.17 -2.57 0.01	42.63 -3.91 0.02	43.48 -3.42 0.02	35.30 -2.54 0.02	31.52 -1.80 0.00	29.28 -2.27 0.02	27.19 -2.65 -0.02	26.06 -2.48 -0.05	25.52 -2.22 -0.04	24.99 -2.13 -0.11	21.06 -1.79 -0.45	25.08 -2.29 -0.47	30.29 -3.29 -0.71	37.44 -4.16 -0.01	47.36 -5.09 0.02	54.36 -4.92 0.01	43.69 -4.54 0.02	38.58 -4.24 1.32	35.06 -3.85 0.02
HUNTLEY___67 23561	31.16 -2.53 0.02	30.92 -2.04 0.00	29.15 -1.99 0.01	29.68 -2.17 0.02	30.50 -2.16 0.02	32.17 -2.57 0.01	42.68 -3.86 0.02	43.52 -3.38 0.02	35.34 -2.50 0.02	31.52 -1.80 0.00	29.31 -2.24 0.02	27.31 -2.54 -0.02	26.17 -2.36 -0.05	25.63 -2.10 -0.05	25.08 -2.05 -0.12	21.13 -1.72 -0.46	25.18 -2.18 -0.46	30.46 -3.12 -0.71	37.60 -4.93 0.00	47.52 -4.93 0.02	54.42 -4.86 0.01	43.84 -4.39 0.02	38.54 -4.24 1.36	35.18 -3.74 0.02



HUNTLEY___68 23562	31.16 -2.53 0.02	30.92 -2.04 0.00	29.15 -1.99 0.01	29.68 -2.17 0.02	30.50 -2.16 0.02	32.17 -2.57 0.01	42.68 -3.86 0.02	43.52 -3.38 0.02	35.34 -2.50 0.02	31.52 -1.80 0.00	29.31 -2.24 0.02	27.31 -2.54 -0.02	26.17 -2.36 -0.05	25.63 -2.10 -0.05	25.08 -2.05 -0.12	21.13 -1.72 -0.46	25.18 -2.18 -0.46	30.46 -3.12 -0.71	37.60 -3.99 0.00	47.52 -4.93 0.02	54.42 -4.86 0.01	43.84 -4.39 0.02	38.54 -4.24 1.36	35.18 -3.74 0.02
HYLAND___LFGE 323620	33.72 0.03 0.02	32.96 0.00 0.00	31.17 0.03 0.01	31.94 0.10 0.02	32.56 -0.10 0.02	35.06 0.31 0.01	46.77 0.23 0.02	47.36 0.47 0.02	37.72 -0.11 0.02	33.19 -0.13 0.00	30.72 -0.82 0.02	28.64 -1.19 -0.01	27.24 -1.28 -0.04	26.59 -1.14 -0.04	25.98 -1.13 -0.10	21.93 -0.99 -0.52	26.29 -1.13 -0.52	32.17 -1.32 -0.62	40.70 -0.83 0.06	52.09 -0.36 0.02	60.10 0.83 0.01	48.13 -0.10 0.02	41.84 -0.62 1.68	38.25 -0.66 0.02
INDECK___CORINTH 23802	35.59 1.89 0.00	34.74 1.78 0.00	32.80 1.65 0.00	33.61 1.75 0.00	34.54 1.86 0.00	36.70 1.95 0.00	49.63 3.07 0.00	49.68 2.77 0.00	39.78 1.93 0.00	34.79 1.46 0.00	32.92 1.36 0.00	31.71 1.34 -0.54	30.88 1.28 -1.11	29.93 1.19 -1.05	30.33 1.13 -2.18	32.18 1.03 -8.75	37.03 1.24 -8.89	48.74 1.38 -14.49	48.09 2.12 -4.37	55.56 3.09 0.00	62.66 3.38 0.00	50.99 2.75 0.00	46.65 2.51 0.00	40.88 1.95 0.00
INDECK___ILION 23567	35.12 1.42 0.00	34.32 1.35 0.00	32.43 1.28 0.00	33.17 1.31 0.00	34.05 1.37 0.00	36.25 1.49 0.00	48.42 1.86 0.00	48.79 1.88 0.00	39.22 1.36 0.00	34.42 1.10 0.00	32.51 0.95 0.00	30.60 0.78 0.00	29.16 0.68 0.00	28.32 0.64 0.00	27.64 0.62 0.00	22.94 0.54 0.00	27.65 0.75 0.00	33.99 1.12 0.00	43.34 1.75 0.00	54.88 2.41 0.00	62.19 2.90 0.00	50.56 2.32 0.00	46.61 2.47 0.00	41.03 2.10 0.00
INDECK___OLEAN 23982	31.36 -2.33 0.02	30.56 -2.41 0.00	29.21 -1.93 0.01	29.77 -2.07 0.02	31.70 -0.95 0.02	32.14 -2.61 0.01	43.98 -2.56 0.02	44.69 -2.20 0.02	35.68 -2.16 0.02	31.49 -1.83 0.00	29.71 -1.83 0.02	28.46 -1.37 -0.01	27.10 -1.42 -0.04	26.21 -1.52 -0.04	25.75 -1.38 -0.11	21.90 -1.01 -0.51	26.29 -1.13 -0.52	32.55 -0.99 -0.66	40.33 -1.21 0.05	49.51 -2.94 0.02	55.24 -4.03 0.01	45.91 -2.31 0.02	41.01 -1.41 1.71	37.35 -1.56 0.02
INDECK___OSWEGO 23783	32.96 -0.74 0.00	32.24 -0.73 0.00	30.46 -0.69 0.00	31.16 -0.70 0.00	31.92 -0.75 0.00	34.06 -0.69 0.00	45.58 -0.98 0.00	45.84 -1.08 0.00	36.99 -0.87 0.00	32.56 -0.77 0.00	30.84 -0.72 0.00	29.11 -0.74 -0.03	27.81 -0.74 -0.07	27.06 -0.69 -0.07	26.45 -0.70 -0.14	22.35 -0.60 -0.56	26.74 -0.73 -0.56	32.78 -0.85 -0.77	40.65 -1.12 -0.18	51.21 -1.26 0.00	58.04 -1.25 0.00	47.14 -1.11 0.00	42.71 -1.10 0.32	37.88 -1.05 0.00
INDECK___YERKES 23781	31.16 -2.53 0.02	30.72 -2.24 0.00	29.06 -2.09 0.01	29.71 -2.13 0.02	30.01 -2.65 0.02	32.17 -2.57 0.01	42.73 -3.82 0.02	43.52 -3.38 0.02	35.26 -2.58 0.02	31.56 -1.77 0.00	29.28 -2.27 0.02	27.25 -2.59 -0.02	26.08 -2.45 -0.05	25.54 -2.19 -0.04	24.96 -2.16 -0.11	21.12 -1.79 -0.51	25.11 -2.31 -0.52	30.29 -3.25 -0.68	37.48 -4.12 -0.01	47.26 -5.20 0.02	54.36 -4.92 0.01	43.74 -4.49 0.02	38.61 -4.19 1.33	35.02 -3.89 0.02
INDIAN POINT_GT_1 24139	35.83 2.12 0.00	34.84 1.88 0.00	32.86 1.71 0.00	33.64 1.78 0.00	34.50 1.83 0.00	36.73 1.98 0.00	49.31 2.75 0.00	49.87 2.96 0.00	40.39 2.54 0.00	35.56 2.23 0.00	33.90 2.34 0.00	32.64 2.36 -0.46	31.71 2.28 -0.95	30.86 2.27 -0.90	31.09 2.22 -1.86	31.70 1.81 -7.49	36.63 2.13 -7.60	48.33 2.79 -12.66	48.95 3.49 -3.86	56.51 4.04 0.00	63.49 4.21 0.00	51.77 3.52 0.00	47.99 3.49 -0.36	41.46 2.53 0.00
INDIAN POINT_GT_2 23659	35.83 2.12 0.00	34.84 1.88 0.00	32.86 1.71 0.00	33.64 1.78 0.00	34.50 1.83 0.00	36.73 1.98 0.00	49.31 2.75 0.00	49.87 2.96 0.00	40.39 2.54 0.00	35.56 2.23 0.00	33.90 2.34 0.00	32.64 2.36 -0.46	31.71 2.28 -0.95	30.86 2.27 -0.90	31.09 2.22 -1.86	31.70 1.81 -7.49	36.63 2.13 -7.60	48.33 2.79 -12.66	48.95 3.49 -3.86	56.51 4.04 0.00	63.49 4.21 0.00	51.77 3.52 0.00	47.99 3.49 -0.36	41.46 2.53 0.00
INDIAN POINT_GT_3 24019	35.83 2.12 0.00	34.84 1.88 0.00	32.86 1.71 0.00	33.64 1.78 0.00	34.50 1.83 0.00	36.73 1.98 0.00	49.31 2.75 0.00	49.87 2.96 0.00	40.39 2.54 0.00	35.56 2.23 0.00	33.90 2.34 0.00	32.64 2.36 -0.46	31.71 2.28 -0.95	30.86 2.27 -0.90	31.09 2.22 -1.86	31.70 1.81 -7.49	36.63 2.13 -7.60	48.33 2.79 -12.66	48.95 3.49 -3.86	56.51 4.04 0.00	63.49 4.21 0.00	51.77 3.52 0.00	47.99 3.49 -0.36	41.46 2.53 0.00
INDIAN POINT___2 23530	35.83 2.12 0.00	34.88 1.91 0.00	32.93 1.77 0.00	33.64 1.78 0.00	34.63 1.96 0.00	36.73 1.98 0.00	49.26 2.70 0.00	49.87 2.96 0.00	40.43 2.58 0.00	35.52 2.20 0.00	33.90 2.34 0.00	32.64 2.36 -0.46	31.70 2.28 -0.94	30.82 2.24 -0.89	31.08 2.22 -1.85	31.70 1.81 -7.49	36.63 2.12 -7.61	48.20 2.79 -12.54	48.92 3.49 -3.83	56.46 3.99 0.00	63.49 4.21 0.00	51.72 3.48 0.00	47.99 3.49 -0.37	41.46 2.53 0.00
INDIAN POINT___3 23531	35.80 2.09 0.00	34.81 1.85 0.00	32.86 1.71 0.00	33.64 1.78 0.00	34.50 1.83 0.00	36.73 1.98 0.00	49.26 2.70 0.00	49.83 2.91 0.00	40.39 2.54 0.00	35.52 2.20 0.00	33.87 2.30 0.00	32.64 2.36 -0.46	31.71 2.28 -0.95	30.83 2.24 -0.90	31.09 2.22 -1.86	31.68 1.79 -7.49	36.63 2.13 -7.61	48.30 2.76 -12.67	48.91 3.45 -3.86	56.46 3.99 0.00	63.43 4.15 0.00	51.72 3.47 0.00	47.94 3.44 -0.36	41.46 2.53 0.00
INDIANHDD_69_KV_BK1 55831	37.22 3.51 -0.01	36.03 3.07 0.00	33.77 2.62 0.00	34.76 2.90 0.00	35.71 3.04 0.00	38.20 3.44 -0.01	50.84 4.28 0.00	51.28 4.36 0.00	41.11 3.26 0.00	35.89 2.57 0.00	34.28 2.71 0.00	32.85 2.56 -0.46	31.91 2.48 -0.95	31.06 2.46 -0.91	31.34 2.46 -1.87	31.94 2.02 -7.52	37.70 3.15 -7.65	49.64 4.04 -12.73	52.65 5.20 -5.86	58.36 5.88 -0.01	65.27 5.99 0.00	53.75 5.50 -0.01	49.80 5.30 -0.37	43.07 4.13 -0.01
INGHAM_C_115KV_TB7 356103	35.12 1.42 0.00	34.32 1.35 0.00	32.43 1.28 0.00	33.17 1.31 0.00	34.05 1.37 0.00	36.25 1.49 0.00	48.42 1.86 0.00	48.79 1.88 0.00	39.22 1.36 0.00	34.42 1.10 0.00	32.51 0.95 0.00	30.60 0.78 0.00	29.16 0.68 0.00	28.32 0.64 0.00	27.64 0.62 0.00	22.94 0.54 0.00	27.65 0.75 0.00	33.99 1.12 0.00	43.34 1.75 0.00	54.88 2.41 0.00	62.19 2.90 0.00	50.56 2.32 0.00	46.61 2.47 0.00	41.03 2.10 0.00
IP CORINTH___1 23988	35.59 1.89 0.00	34.74 1.78 0.00	32.80 1.65 0.00	33.61 1.75 0.00	34.47 1.80 0.00	36.70 1.95 0.00	49.63 3.07 0.00	49.68 2.77 0.00	39.79 1.93 0.00	34.79 1.47 0.00	32.92 1.36 0.00	31.70 1.34 -0.54	30.87 1.28 -1.11	29.93 1.19 -1.05	30.33 1.13 -2.18	32.19 1.03 -8.76	37.03 1.24 -8.90	48.76 1.38 -14.51	48.09 2.12 -4.37	55.57 3.10 0.00	62.66 3.38 0.00	51.04 2.80 0.00	46.65 2.52 0.00	40.88 1.95 0.00



KENSICO____ 23655	35.90 2.19 0.00	34.91 1.94 0.00	32.93 1.78 0.00	33.71 1.85 0.00	34.57 1.90 0.00	36.80 2.05 0.00	49.40 2.84 0.00	49.97 3.05 0.00	40.50 2.65 0.00	35.62 2.30 0.00	33.99 2.43 0.00	32.76 2.48 -0.46	31.83 2.39 -0.95	30.95 2.35 -0.91	31.21 2.32 -1.87	31.80 1.88 -7.52	36.74 2.21 -7.64	48.47 2.89 -12.71	49.08 3.62 -3.87	56.61 4.15 0.00	63.61 4.33 0.00	51.86 3.62 0.00	48.12 3.62 -0.36	41.58 2.65 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.93 2.22 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.83 1.98 0.00	34.67 1.99 0.00	36.94 2.19 0.00	49.73 3.17 0.00	50.20 3.28 0.00	40.50 2.65 0.00	35.49 2.17 0.00	33.77 2.21 0.00	32.48 2.21 -0.45	31.51 2.11 -0.92	30.67 2.10 -0.88	30.93 2.11 -1.81	31.37 1.70 -7.27	36.36 2.07 -7.39	48.03 2.83 -12.33	49.04 3.62 -3.83	56.82 4.35 0.00	64.03 4.74 0.00	52.11 3.86 0.00	48.29 3.75 -0.40	41.73 2.80 0.00
KIAC_JFK_GT1 23816	35.86 2.16 0.00	34.81 1.85 0.00	-0.16 1.65 32.96	-0.06 1.72 33.64	-0.23 1.76 34.67	36.65 1.91 0.02	49.21 2.65 0.00	49.92 3.00 0.00	40.47 2.61 0.00	35.62 2.30 0.00	34.03 2.46 0.00	32.79 2.51 -0.46	31.89 2.45 -0.95	31.00 2.41 -0.91	31.24 2.35 -1.87	31.87 1.95 -7.52	36.77 2.23 -7.64	48.55 2.96 -12.72	49.13 3.66 -3.88	56.61 4.15 0.00	63.55 4.27 0.00	51.82 3.57 0.00	48.12 3.62 -0.36	41.48 2.57 0.02
KIAC_JFK_GT2 23817	35.86 2.16 0.00	34.81 1.85 0.00	-0.16 1.65 32.96	-0.06 1.72 33.64	-0.23 1.76 34.67	36.65 1.91 0.02	49.21 2.65 0.00	49.92 3.00 0.00	40.47 2.61 0.00	35.62 2.30 0.00	34.03 2.46 0.00	32.79 2.51 -0.46	31.89 2.45 -0.95	31.00 2.41 -0.91	31.24 2.35 -1.87	31.87 1.95 -7.52	36.77 2.23 -7.64	48.55 2.96 -12.72	49.13 3.66 -3.88	56.61 4.15 0.00	63.55 4.27 0.00	51.82 3.57 0.00	48.12 3.62 -0.36	41.48 2.57 0.02
KIAC_JFK____ 323774	35.87 2.16 0.00	34.88 1.91 0.00	-0.06 1.74 32.96	-0.06 1.72 33.64	-0.10 1.89 34.67	36.65 1.91 0.02	49.16 2.61 0.00	49.92 3.01 0.00	40.50 2.65 0.00	35.62 2.30 0.00	34.03 2.46 0.00	32.82 2.53 -0.46	31.89 2.45 -0.95	31.00 2.41 -0.91	31.24 2.35 -1.87	31.86 1.95 -7.52	36.77 2.23 -7.64	48.52 2.96 -12.69	49.13 3.66 -3.87	56.61 4.14 0.00	63.56 4.27 0.00	51.77 3.52 0.00	48.11 3.62 -0.36	41.48 2.57 0.02
KINTIGH_24_KV_GSU 356498	31.60 -2.09 0.01	31.15 -1.81 0.00	29.34 -1.81 0.01	30.03 -1.81 0.01	30.02 -2.65 0.01	32.70 -2.05 0.01	43.10 -3.44 0.01	43.90 -3.00 0.01	35.69 -2.16 0.01	31.93 -1.40 0.00	29.63 -1.93 0.01	27.49 -2.36 -0.02	26.34 -2.19 -0.06	25.86 -1.88 -0.06	25.25 -1.89 -0.12	21.31 -1.61 -0.52	25.35 -2.07 -0.52	30.40 -3.16 -0.69	37.60 -4.03 -0.04	47.89 -4.57 0.01	55.31 -3.97 0.01	44.13 -4.10 0.01	38.67 -4.37 1.10	35.14 -3.78 0.01
KINTIGH____ 23543	31.60 -2.09 0.01	31.32 -1.65 0.00	29.56 -1.59 0.01	30.03 -1.82 0.01	30.90 -1.76 0.01	32.70 -2.05 0.01	43.10 -3.45 0.01	43.90 -3.00 0.01	35.80 -2.04 0.01	31.92 -1.40 0.00	29.63 -1.93 0.01	27.43 -2.42 -0.02	26.34 -2.19 -0.06	25.86 -1.88 -0.06	25.27 -1.86 -0.12	21.26 -1.61 -0.48	25.31 -2.07 -0.48	30.43 -3.16 -0.71	37.60 -4.03 -0.05	48.00 -4.46 0.01	55.31 -3.97 0.01	44.08 -4.15 0.01	38.67 -4.37 1.09	35.18 -3.74 0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	33.50 -0.20 0.00	32.90 -0.07 0.00	30.96 -0.19 0.00	31.70 -0.16 0.00	32.54 -0.13 0.00	34.75 0.00 0.00	46.70 0.14 0.00	46.78 -0.14 0.00	37.63 -0.23 0.00	33.16 -0.17 0.00	31.31 -0.25 0.00	29.62 -0.21 0.00	28.28 -0.20 0.00	27.38 -0.30 0.00	26.74 -0.27 0.00	22.22 -0.18 0.00	26.74 -0.16 0.00	32.70 -0.16 0.00	41.43 -0.17 0.00	52.36 -0.10 0.00	59.05 -0.24 0.00	48.10 -0.14 0.00	43.87 -0.26 0.00	38.81 -0.12 0.00
LACHUTE____HYDRO 323717	36.61 2.90 0.00	35.73 2.77 0.00	33.67 2.52 0.00	34.54 2.68 0.00	35.48 2.81 0.00	37.74 2.99 0.00	51.12 4.57 0.00	51.00 4.08 0.00	40.54 2.69 0.00	35.29 1.97 0.00	33.30 1.73 0.00	32.03 1.67 -0.54	31.16 1.57 -1.11	30.18 1.44 -1.05	30.54 1.35 -2.18	32.44 1.30 -8.74	37.31 1.53 -8.88	49.19 1.84 -14.48	49.00 3.03 -4.37	57.14 4.67 0.00	64.50 5.22 0.00	52.49 4.25 0.00	47.93 3.80 0.00	41.93 3.00 0.00
LAWRNCV_115KV_TB1 80681	32.19 -1.52 0.00	31.61 -1.35 0.00	29.78 -1.37 0.00	30.49 -1.37 0.00	31.33 -1.34 0.00	33.47 -1.29 0.00	45.02 -1.54 0.00	44.95 -1.97 0.00	36.08 -1.78 0.00	31.79 -1.53 0.00	30.02 -1.55 0.00	28.43 -1.40 -0.01	27.16 -1.34 -0.02	26.24 -1.47 -0.01	25.69 -1.35 -0.03	21.43 -1.10 -0.12	25.79 -1.24 -0.13	31.60 -1.48 -0.21	39.95 -1.71 -0.06	50.42 -2.05 0.00	56.91 -2.37 0.00	46.46 -1.79 0.00	42.46 -1.68 0.00	37.65 -1.28 0.00
LEDERLE____ 23769	35.93 2.22 0.00	34.98 2.01 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.49 2.93 0.00	50.06 3.14 0.00	40.54 2.69 0.00	35.66 2.33 0.00	33.99 2.43 0.00	32.75 2.48 -0.45	31.78 2.36 -0.94	30.93 2.35 -0.89	31.18 2.32 -1.84	31.67 1.88 -7.39	36.64 2.23 -7.51	48.30 2.93 -12.51	49.07 3.66 -3.82	56.72 4.25 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.17 3.66 -0.38	41.66 2.73 0.00
LIGHTHSE_115KV_TB6 355974	33.10 -0.61 0.00	32.37 -0.59 0.00	30.62 -0.53 0.00	31.29 -0.57 0.00	32.18 -0.49 0.00	34.27 -0.49 0.00	45.91 -0.65 0.00	46.17 -0.75 0.00	37.10 -0.76 0.00	32.62 -0.70 0.00	30.84 -0.73 0.00	29.08 -0.78 -0.03	27.78 -0.77 -0.07	27.03 -0.72 -0.07	26.45 -0.70 -0.14	22.28 -0.67 -0.55	26.68 -0.78 -0.56	32.68 -0.89 -0.70	40.85 -0.92 -0.17	51.63 -0.84 0.00	58.63 -0.65 0.00	47.62 -0.63 0.00	43.17 -0.66 0.31	38.31 -0.62 0.00
LINDEN COGEN____ 23786	35.87 2.16 0.00	34.88 1.91 0.00	32.89 1.74 0.00	33.61 1.75 0.00	34.60 1.93 0.00	36.73 1.98 0.00	49.21 2.65 0.00	49.92 3.01 0.00	40.58 2.73 0.00	35.73 2.40 0.00	34.09 2.53 0.00	32.88 2.59 -0.46	31.94 2.51 -0.95	31.06 2.46 -0.91	31.29 2.40 -1.87	31.89 1.97 -7.52	36.82 2.29 -7.64	48.55 2.99 -12.69	49.17 3.70 -3.87	56.67 4.20 0.00	63.61 4.33 0.00	51.77 3.52 0.00	48.15 3.66 -0.36	41.54 2.61 0.00
LINDHRST_69_KV_BK1 356055	36.92 3.20 -0.01	35.77 2.80 0.00	33.55 2.40 0.00	34.50 2.64 0.00	35.45 2.78 0.00	37.89 3.13 -0.01	50.47 3.91 0.00	50.95 4.03 0.00	40.92 3.07 0.00	35.79 2.47 0.00	34.18 2.62 0.00	32.82 2.54 -0.46	31.89 2.45 -0.95	31.06 2.46 -0.91	31.32 2.43 -1.87	31.92 1.99 -7.52	37.51 2.96 -7.65	49.41 3.81 -12.73	52.39 4.74 -6.06	57.83 5.35 -0.01	64.80 5.51 0.00	53.18 4.92 -0.01	49.40 4.90 -0.37	42.76 3.82 -0.01
LIPA_MISC_IPP 23656	36.88 3.17 -0.01	35.73 2.77 0.00	33.52 2.37 0.00	34.47 2.61 0.00	35.45 2.78 0.00	37.89 3.13 -0.01	50.38 3.82 0.00	50.81 3.89 0.00	40.77 2.91 0.00	35.59 2.27 0.00	33.99 2.43 0.00	32.58 2.30 -0.46	31.66 2.22 -0.95	30.81 2.22 -0.91	31.07 2.19 -1.87	31.72 1.79 -7.52	37.40 2.85 -7.65	49.22 3.62 -12.73	52.10 4.66 -5.85	57.62 5.14 -0.01	64.44 5.16 0.00	53.13 4.87 -0.01	49.32 4.81 -0.37	42.72 3.78 -0.01





MENANDS__115KV_TB5 355628	35.09 1.38 0.00	34.25 1.29 0.00	32.37 1.21 0.00	33.13 1.27 0.00	33.92 1.24 0.00	35.94 1.18 0.00	48.10 1.54 0.00	48.51 1.60 0.00	39.18 1.32 0.00	34.36 1.03 0.00	32.64 1.07 0.00	31.45 1.10 -0.53	30.60 1.03 -1.09	29.72 1.00 -1.03	30.12 0.97 -2.13	31.81 0.83 -8.58	36.58 0.97 -8.72	48.46 1.18 -14.41	47.59 1.62 -4.37	54.41 1.94 0.00	61.36 2.07 0.00	49.98 1.74 0.00	46.21 1.81 -0.26	40.25 1.32 0.00
MG INDUSTRY__DRP 24185	35.09 1.38 0.00	34.25 1.29 0.00	32.40 1.25 0.00	33.13 1.27 0.00	33.95 1.27 0.00	35.97 1.22 0.00	48.14 1.58 0.00	48.42 1.50 0.00	38.99 1.14 0.00	34.19 0.87 0.00	32.48 0.92 0.00	31.27 0.92 -0.52	30.38 0.83 -1.07	29.51 0.80 -1.02	29.88 0.76 -2.11	31.53 0.67 -8.46	36.28 0.78 -8.60	48.10 1.02 -14.21	47.40 1.50 -4.31	54.41 1.94 0.00	61.42 2.13 0.00	50.08 1.83 0.00	46.21 1.81 -0.27	40.29 1.36 0.00
MID__OSWEGATCHIE_HYD 23849	32.05 -1.65 0.00	31.42 -1.55 0.00	29.66 -1.50 0.00	30.33 -1.53 0.00	31.30 -1.37 0.00	33.43 -1.32 0.00	44.93 -1.63 0.00	44.95 -1.97 0.00	35.96 -1.89 0.00	31.66 -1.67 0.00	29.86 -1.70 0.00	28.14 -1.70 -0.01	26.86 -1.65 -0.03	26.00 -1.72 -0.03	25.48 -1.59 -0.06	21.30 -1.34 -0.24	25.66 -1.48 -0.24	31.66 -1.61 -0.40	40.17 -1.54 -0.12	50.84 -1.63 0.00	57.62 -1.66 0.00	46.90 -1.35 0.00	42.86 -1.28 0.00	37.88 -1.05 0.00
MID__RAQUETTE_HYD 23851	31.92 -1.79 0.00	31.35 -1.62 0.00	29.53 -1.62 0.00	30.23 -1.62 0.00	31.11 -1.57 0.00	33.22 -1.53 0.00	44.65 -1.91 0.00	44.57 -2.35 0.00	35.73 -2.12 0.00	31.49 -1.83 0.00	29.73 -1.83 0.00	28.16 -1.67 -0.01	26.90 -1.59 -0.02	25.99 -1.72 -0.02	25.46 -1.59 -0.04	21.24 -1.30 -0.14	25.56 -1.48 -0.14	31.36 -1.74 -0.24	39.63 -2.04 -0.07	50.11 -2.36 0.00	56.50 -2.79 0.00	46.12 -2.12 0.00	42.15 -1.99 0.00	37.37 -1.56 0.00
MILLIKEN__1 23584	34.31 0.61 0.01	33.53 0.56 0.00	31.71 0.56 0.00	32.40 0.54 0.01	33.32 0.65 0.01	35.48 0.73 0.00	47.62 1.07 0.01	48.54 1.60 -0.03	39.06 1.17 -0.03	34.26 0.93 0.00	32.29 0.69 -0.03	30.50 0.51 -0.17	29.23 0.43 -0.33	28.44 0.44 -0.31	28.05 0.43 -0.61	24.04 0.27 -1.37	28.67 0.38 -1.39	35.17 0.36 -1.94	42.69 0.67 -0.44	53.57 1.10 0.01	60.82 1.54 0.00	49.25 1.01 0.01	44.06 0.79 0.87	39.47 0.55 0.01
MILLIKEN__2 23585	34.31 0.61 0.01	33.53 0.56 0.00	31.71 0.56 0.00	32.40 0.54 0.01	33.32 0.65 0.01	35.48 0.73 0.00	47.62 1.07 0.01	48.54 1.60 -0.03	39.06 1.17 -0.03	34.26 0.93 0.00	32.29 0.69 -0.03	30.50 0.51 -0.17	29.23 0.43 -0.33	28.44 0.44 -0.31	28.05 0.43 -0.61	24.04 0.27 -1.37	28.67 0.38 -1.39	35.17 0.36 -1.94	42.69 0.67 -0.44	53.57 1.10 0.01	60.82 1.54 0.00	49.25 1.01 0.01	44.06 0.79 0.87	39.47 0.55 0.01
MILLIKEN__DIESEL 23629	34.31 0.61 0.01	33.53 0.56 0.00	31.71 0.56 0.00	32.40 0.54 0.01	33.32 0.65 0.01	35.48 0.73 0.00	47.62 1.07 0.01	48.54 1.60 -0.03	39.06 1.17 -0.03	34.26 0.93 0.00	32.29 0.69 -0.03	30.50 0.51 -0.17	29.23 0.43 -0.33	28.44 0.44 -0.31	28.05 0.43 -0.61	24.04 0.27 -1.37	28.67 0.38 -1.39	35.17 0.36 -1.94	42.69 0.67 -0.44	53.57 1.10 0.01	60.82 1.54 0.00	49.25 1.01 0.01	44.06 0.79 0.87	39.47 0.55 0.01
MILLSEAT__LFGE 323607	31.74 -1.96 0.01	31.28 -1.68 0.00	29.56 -1.59 0.01	30.28 -1.56 0.01	30.50 -2.16 0.01	32.84 -1.91 0.01	43.52 -3.03 0.01	44.32 -2.58 0.01	35.87 -1.97 0.01	32.02 -1.30 0.00	29.66 -1.89 0.01	27.58 -2.27 -0.02	26.40 -2.14 -0.05	25.86 -1.88 -0.05	25.22 -1.92 -0.12	21.31 -1.61 -0.52	25.38 -2.05 -0.53	30.60 -2.96 -0.69	38.04 -3.58 -0.03	48.15 -4.30 0.01	55.48 -3.80 0.01	44.47 -3.76 0.01	39.32 -3.62 1.20	35.49 -3.43 0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.83 2.12 0.00	34.84 1.88 0.00	32.89 1.74 0.00	33.68 1.82 0.00	34.54 1.86 0.00	36.77 2.02 0.00	49.31 2.75 0.00	49.87 2.96 0.00	40.43 2.57 0.00	35.56 2.23 0.00	33.90 2.34 0.00	32.67 2.39 -0.46	31.74 2.31 -0.95	30.86 2.27 -0.90	31.12 2.24 -1.87	31.74 1.84 -7.50	36.67 2.15 -7.62	48.39 2.83 -12.69	49.00 3.54 -3.87	56.51 4.04 0.00	63.49 4.21 0.00	51.77 3.52 0.00	48.03 3.53 -0.36	41.50 2.57 0.00
MILLWOOD_13_KV_LOAD 356217	35.90 2.19 0.00	34.91 1.94 0.00	32.93 1.78 0.00	33.74 1.88 0.00	34.57 1.90 0.00	36.80 2.05 0.00	49.40 2.84 0.00	49.97 3.05 0.00	40.47 2.61 0.00	35.62 2.30 0.00	33.96 2.40 0.00	32.73 2.45 -0.46	31.80 2.36 -0.95	30.92 2.33 -0.90	31.18 2.30 -1.87	31.76 1.86 -7.50	36.73 2.21 -7.62	48.42 2.86 -12.69	49.04 3.58 -3.87	56.61 4.15 0.00	63.61 4.33 0.00	51.86 3.62 0.00	48.07 3.57 -0.36	41.54 2.61 0.00
MODEL_CITY_ENERGY 24167	30.83 -2.87 0.02	30.53 -2.44 0.00	28.84 -2.30 0.01	29.52 -2.32 0.02	29.62 -3.04 0.02	31.76 -2.99 0.01	41.98 -4.56 0.02	42.82 -4.08 0.02	34.74 -3.10 0.02	31.09 -2.23 0.00	28.83 -2.71 0.02	26.80 -3.04 -0.02	25.69 -2.85 -0.05	25.19 -2.55 -0.05	24.62 -2.51 -0.12	20.81 -2.11 -0.52	24.76 -2.66 -0.52	29.74 -3.81 -0.68	36.74 -4.87 -0.01	46.47 -5.98 0.02	53.59 -5.69 0.01	42.97 -5.26 0.02	38.09 -4.77 1.28	34.40 -4.52 0.02
MODERN_LFGE__ 323580	30.83 -2.87 0.02	30.53 -2.44 0.00	28.84 -2.30 0.01	29.52 -2.32 0.02	29.62 -3.04 0.02	31.76 -2.99 0.01	41.98 -4.56 0.02	42.82 -4.08 0.02	34.74 -3.10 0.02	31.09 -2.23 0.00	28.83 -2.71 0.02	26.80 -3.04 -0.02	25.69 -2.85 -0.05	25.19 -2.55 -0.05	24.62 -2.51 -0.12	20.81 -2.11 -0.52	24.76 -2.66 -0.52	29.74 -3.81 -0.68	36.74 -4.87 -0.01	46.47 -5.98 0.02	53.59 -5.69 0.01	42.97 -5.26 0.02	38.09 -4.77 1.28	34.40 -4.52 0.02
MOHAWK_PAPER__DRP 24187	35.19 1.48 0.00	34.32 1.35 0.00	32.43 1.28 0.00	33.20 1.34 0.00	34.01 1.34 0.00	36.04 1.29 0.00	48.33 1.77 0.00	48.70 1.78 0.00	39.26 1.40 0.00	34.46 1.13 0.00	32.73 1.17 0.00	31.52 1.16 -0.53	30.65 1.08 -1.09	29.78 1.05 -1.03	30.18 1.03 -2.14	31.87 0.87 -8.59	36.68 1.05 -8.73	48.58 1.28 -14.43	47.72 1.75 -4.38	54.62 2.15 0.00	61.60 2.31 0.00	50.18 1.93 0.00	46.34 1.94 -0.26	40.37 1.44 0.00
MOHICAN__35_KV_115KV_LD 80490	35.76 2.06 0.00	34.91 1.94 0.00	32.93 1.78 0.00	33.77 1.91 0.00	34.60 1.93 0.00	36.84 2.09 0.00	49.82 3.26 0.00	49.87 2.96 0.00	39.90 2.04 0.00	34.86 1.53 0.00	33.02 1.45 0.00	31.76 1.40 -0.54	30.93 1.34 -1.11	29.99 1.25 -1.05	30.38 1.19 -2.18	32.22 1.08 -8.75	37.08 1.29 -8.89	48.88 1.51 -14.50	48.25 2.29 -4.37	55.78 3.31 0.00	62.96 3.68 0.00	51.24 2.99 0.00	46.87 2.74 0.00	41.07 2.14 0.00
MONGAUP__HYD 23641	35.49 1.79 0.00	34.61 1.65 0.00	32.71 1.56 0.00	33.42 1.56 0.00	34.37 1.70 0.00	36.49 1.74 0.00	48.98 2.42 0.00	49.40 2.48 0.00	39.86 2.00 0.00	35.09 1.76 0.00	33.36 1.80 0.00	32.08 1.82 -0.44	31.13 1.74 -0.91	30.30 1.75 -0.86	30.53 1.73 -1.78	31.04 1.41 -7.23	35.99 1.75 -7.34	47.39 2.40 -12.12	48.26 2.95 -3.71	55.99 3.52 0.00	63.14 3.85 0.00	51.34 3.09 0.00	47.62 3.09 -0.40	41.19 2.26 0.00



NARROWS_GT1_3 24230	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
NARROWS_GT1_4 24231	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
NARROWS_GT1_5 24232	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
NARROWS_GT1_6 24233	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
NARROWS_GT1_7 24234	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
NARROWS_GT1_8 24235	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
NARROWS_GT2_1 24236	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
NARROWS_GT2_2 24237	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04																				



NCHELSEA_115KV_TR2 355582	35.90 2.19 0.00	34.94 1.98 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.60 1.93 0.00	36.87 2.12 0.00	49.49 2.93 0.00	50.01 3.10 0.00	40.47 2.61 0.00	35.49 2.17 0.00	33.77 2.21 0.00	32.53 2.24 -0.47	31.61 2.16 -0.96	30.73 2.13 -0.91	31.06 2.16 -1.89	31.76 1.77 -7.59	36.68 2.07 -7.71	48.42 2.73 -12.82	49.03 3.54 -3.91	56.61 4.15 0.00	63.73 4.45 0.00	51.96 3.71 0.00	48.11 3.62 -0.36	41.62 2.69 0.00
NEG CAPITAL___MECHNVIL 23645	35.59 1.89 0.00	34.78 1.81 0.00	32.83 1.68 0.00	33.61 1.75 0.00	34.50 1.83 0.00	36.63 1.88 0.00	49.26 2.70 0.00	49.54 2.63 0.00	39.75 1.89 0.00	34.83 1.50 0.00	33.02 1.45 0.00	31.79 1.43 -0.54	30.93 1.34 -1.11	30.04 1.30 -1.05	30.43 1.24 -2.17	32.21 1.10 -8.71	37.06 1.32 -8.85	48.90 1.61 -14.42	48.23 2.29 -4.35	55.56 3.09 0.00	62.72 3.44 0.00	51.04 2.80 0.00	46.74 2.60 0.00	40.95 2.02 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.18 -1.52 0.01	31.55 -1.42 0.00	29.78 -1.37 0.00	30.48 -1.37 0.01	30.80 -1.86 0.01	33.36 -1.39 0.00	44.32 -2.23 0.01	45.13 -1.78 0.01	36.52 -1.33 0.01	32.43 -0.90 0.00	30.29 -1.26 0.01	28.30 -1.55 -0.03	27.07 -1.48 -0.07	26.45 -1.30 -0.07	25.81 -1.35 -0.15	21.78 -1.19 -0.57	25.97 -1.51 -0.57	31.42 -2.20 -0.76	38.99 -2.70 -0.10	49.42 -3.04 0.01	56.67 -2.61 0.00	45.44 -2.80 0.01	40.24 -3.04 0.85	36.27 -2.65 0.01
NEG CENTRAL___DRP 24199	33.39 -0.30 0.01	32.70 -0.26 0.00	30.90 -0.25 0.00	31.56 -0.29 0.01	32.47 -0.20 0.01	34.58 -0.17 0.00	46.36 -0.19 0.01	47.38 0.47 0.01	38.19 0.34 0.01	33.62 0.30 0.00	31.55 0.00 0.01	29.61 -0.24 -0.03	28.30 -0.26 -0.07	27.56 -0.19 -0.07	26.89 -0.27 -0.15	22.77 -0.25 -0.62	27.23 -0.30 -0.63	33.06 -0.62 -0.81	41.07 -0.62 -0.10	51.94 -0.52 0.01	59.04 -0.24 0.00	47.75 -0.48 0.01	42.50 -0.66 0.97	38.26 -0.66 0.01
NEG CENTRAL___INDECK 23768	33.28 -0.40 0.02	32.60 -0.36 0.00	30.80 -0.34 0.01	31.55 -0.29 0.02	32.13 -0.52 0.02	34.57 -0.17 0.01	46.12 -0.42 0.02	46.85 -0.05 0.02	37.53 -0.30 0.02	33.22 -0.10 0.00	30.85 -0.69 0.02	28.79 -1.04 -0.01	27.44 -1.08 -0.04	26.78 -0.94 -0.04	26.11 -1.00 -0.10	22.02 -0.90 -0.52	26.34 -1.08 -0.52	32.07 -1.41 -0.62	40.32 -1.21 0.06	51.45 -1.00 0.02	59.22 -0.06 0.01	47.45 -0.77 0.02	41.26 -1.19 1.68	37.74 -1.17 0.02
NEG CENTRAL___SENECA 23627	33.22 -0.47 0.01	32.57 -0.40 0.00	30.74 -0.40 0.01	31.43 -0.41 0.01	32.33 -0.33 0.01	34.43 -0.31 0.01	46.17 -0.37 0.01	46.99 0.09 0.02	37.84 0.00 0.02	33.39 0.07 0.00	31.23 -0.32 0.02	29.27 -0.57 -0.01	27.96 -0.53 -0.04	27.21 -0.51 -0.04	26.55 -0.57 -0.11	22.45 -0.49 -0.54	26.88 -0.56 -0.55	32.72 -0.85 -0.71	40.78 -0.83 -0.02	51.72 -0.73 0.01	58.86 -0.41 0.01	47.51 -0.72 0.01	41.96 -0.88 1.29	38.06 -0.86 0.01
NEG CENTRAL___STATE_STREET 24147	33.67 -0.03 0.01	32.93 -0.03 0.00	31.12 -0.03 0.00	31.79 -0.06 0.01	32.70 0.03 0.01	34.82 0.07 0.00	46.69 0.14 0.01	47.95 1.03 0.00	38.65 0.79 0.00	33.96 0.63 0.00	31.94 0.38 0.00	30.03 0.15 -0.06	28.74 0.14 -0.12	27.97 0.17 -0.11	27.36 0.11 -0.23	23.23 0.04 -0.78	27.75 0.05 -0.79	33.66 -0.26 -1.05	41.61 -0.21 -0.22	52.46 0.00 0.01	59.58 0.30 0.00	48.19 -0.05 0.01	43.24 -0.22 0.68	38.65 -0.27 0.01
NEG MILLWOOD___DRP 24198	35.96 2.26 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.83 1.98 0.00	34.67 1.99 0.00	36.94 2.19 0.00	49.68 3.12 0.00	50.39 3.47 0.00	40.92 3.07 0.00	36.02 2.70 0.00	34.34 2.78 0.00	33.12 2.83 -0.47	32.07 2.62 -0.96	31.18 2.57 -0.91	31.52 2.62 -1.89	31.85 1.86 -7.59	36.82 2.21 -7.71	48.61 2.89 -12.85	49.17 3.66 -3.91	56.77 4.30 0.00	63.91 4.62 0.00	52.06 3.81 0.00	48.20 3.71 -0.35	41.66 2.73 0.00
NEG NORTH_FLCN_SEA 23793	33.47 -0.24 0.00	32.83 -0.13 0.00	30.93 -0.22 0.00	31.67 -0.19 0.00	32.48 -0.20 0.00	34.65 -0.10 0.00	46.56 0.00 0.00	46.68 -0.23 0.00	37.59 -0.26 0.00	33.12 -0.20 0.00	31.28 -0.28 0.00	29.62 -0.21 0.00	28.28 -0.20 0.00	27.38 -0.30 0.00	26.77 -0.24 0.00	22.20 -0.20 0.00	26.71 -0.19 0.00	32.64 -0.23 0.00	41.34 -0.25 0.00	52.21 -0.26 0.00	58.87 -0.41 0.00	47.96 -0.29 0.00	43.78 -0.35 0.00	38.74 -0.19 0.00
NEG NORTH_KES_CHATEGAY 23792	33.17 -0.54 0.00	32.54 -0.43 0.00	30.65 -0.50 0.00	31.38 -0.48 0.00	32.18 -0.49 0.00	34.30 -0.45 0.00	46.05 -0.51 0.00	46.17 -0.75 0.00	37.17 -0.68 0.00	32.76 -0.57 0.00	30.90 -0.66 0.00	29.23 -0.60 0.00	27.91 -0.57 0.00	27.05 -0.64 0.00	26.42 -0.59 0.00	21.93 -0.47 0.00	26.39 -0.51 0.00	32.28 -0.59 0.00	40.89 -0.71 0.00	51.68 -0.79 0.00	58.28 -1.01 0.00	47.47 -0.77 0.00	43.34 -0.79 0.00	38.39 -0.55 0.00
NEG NORTH___ALICE_FALLS 23915	33.50 -0.20 0.00	32.90 -0.07 0.00	30.96 -0.19 0.00	31.70 -0.16 0.00	32.54 -0.13 0.00	34.75 0.00 0.00	46.70 0.14 0.00	46.78 -0.14 0.00	37.63 -0.23 0.00	33.16 -0.17 0.00	31.31 -0.25 0.00	29.62 -0.21 0.00	28.28 -0.20 0.00	27.38 -0.30 0.00	26.74 -0.27 0.00	22.22 -0.18 0.00	26.74 -0.16 0.00	32.70 -0.16 0.00	41.43 -0.17 0.00	52.36 -0.10 0.00	59.05 -0.24 0.00	48.10 -0.14 0.00	43.87 -0.26 0.00	38.81 -0.12 0.00
NEG NORTH___LWR_SARANAC 23913	33.50 -0.20 0.00	32.90 -0.07 0.00	30.96 -0.19 0.00	31.70 -0.16 0.00	32.54 -0.13 0.00	34.75 0.00 0.00	46.70 0.14 0.00	46.78 -0.14 0.00	37.63 -0.23 0.00	33.16 -0.17 0.00	31.31 -0.25 0.00	29.62 -0.21 0.00	28.28 -0.20 0.00	27.38 -0.30 0.00	26.74 -0.27 0.00	22.22 -0.18 0.00	26.74 -0.16 0.00	32.70 -0.16 0.00	41.43 -0.17 0.00	52.36 -0.10 0.00	59.05 -0.24 0.00	48.10 -0.14 0.00	43.87 -0.26 0.00	38.81 -0.12 0.00
NEG NORTH___PLATTSBURG 23628	33.51 -0.20 0.00	32.90 -0.07 0.00	30.96 -0.19 0.00	31.70 -0.16 0.00	32.54 -0.13 0.00	34.75 0.00 0.00	46.70 0.14 0.00	46.78 -0.14 0.00	37.63 -0.23 0.00	33.16 -0.17 0.00	31.31 -0.25 0.00	29.62 -0.21 0.00	28.28 -0.20 0.00	27.38 -0.30 0.00	26.77 -0.24 0.00	22.22 -0.18 0.00	26.74 -0.16 0.00	32.70 -0.16 0.00	41.43 -0.17 0.00	52.42 -0.05 0.00	59.05 -0.24 0.00	48.10 -0.14 0.00	43.87 -0.26 0.00	38.81 -0.12 0.00
NEG WEST_LEA_LOCKPORT 23791	31.10 -2.60 0.02	30.95 -2.01 0.00	29.18 -1.96 0.01	29.71 -2.13 0.02	30.57 -2.09 0.02	32.10 -2.64 0.01	42.45 -4.10 0.02	43.29 -3.61 0.02	35.19 -2.65 0.02	31.42 -1.90 0.00	29.12 -2.43 0.02	27.04 -2.80 -0.02	25.94 -2.59 -0.05	25.44 -2.30 -0.05	24.89 -2.24 -0.12	20.96 -1.90 -0.47	24.95 -2.42 -0.47	30.10 -3.48 -0.71	37.20 -4.41 -0.02	47.16 -5.30 0.02	54.18 -5.10 0.01	43.45 -4.78 0.02	38.42 -4.46 1.26	34.83 -4.09 0.02
NEG WEST___LANCASTR 23811	31.06 -2.63 0.02	30.43 -2.54 0.00	28.68 -2.46 0.01	29.55 -2.29 0.02	30.17 -2.48 0.02	31.79 -2.95 0.01	43.42 -3.12 0.02	44.22 -2.67 0.02	35.15 -2.69 0.02	31.16 -2.17 0.00	29.46 -2.08 0.02	28.23 -1.61 -0.01	26.94 -1.59 -0.05	26.07 -1.66 -0.05	25.56 -1.57 -0.12	21.73 -1.12 -0.45	26.09 -1.26 -0.45	32.37 -1.22 -0.72	40.03 -1.54 0.02	48.78 -3.67 0.02	54.30 -4.98 0.01	45.43 -2.80 0.02	40.83 -1.77 1.54	37.12 -1.79 0.02

NEG_PENN_ALLEGHNY 23528	34.13 0.41 -0.02	33.33 0.36 0.00	31.53 0.38 -0.01	32.23 0.35 -0.02	33.15 0.46 -0.02	35.18 0.42 -0.01	47.28 0.70 -0.02	47.67 0.75 0.00	38.43 0.57 0.00	33.82 0.50 0.00	31.95 0.38 0.00	30.29 0.30 -0.17	29.09 0.26 -0.35	28.27 0.25 -0.33	27.94 0.24 -0.68	25.84 0.29 -3.15	30.45 0.35 -3.20	39.17 0.43 -5.87	44.39 0.62 -2.18	53.28 0.79 -0.02	60.30 1.01 -0.01	48.99 0.72 -0.02	47.26 0.66 -2.46	39.34 0.39 -0.02
NEG___GEN_MONROE 24207	32.48 -1.21 0.01	32.04 -0.92 0.00	30.27 -0.87 0.00	30.86 -0.99 0.01	31.78 -0.88 0.01	33.74 -1.01 0.00	44.64 -1.91 0.01	45.41 -1.50 0.01	36.82 -1.02 0.01	32.69 -0.63 0.00	30.39 -1.17 0.01	28.27 -1.58 -0.02	27.06 -1.48 -0.06	26.44 -1.30 -0.06	25.79 -1.35 -0.13	21.71 -1.19 -0.50	25.87 -1.53 -0.51	31.26 -2.33 -0.72	38.84 -2.83 -0.07	49.36 -3.10 0.01	56.73 -2.55 0.00	45.39 -2.85 0.01	40.10 -3.09 0.95	36.23 -2.69 0.01
NEPA___ENERGY 23901	31.90 -1.79 0.02	31.48 -1.48 0.00	29.65 -1.50 0.01	30.31 -1.53 0.02	31.05 -1.60 0.02	32.90 -1.84 0.01	44.12 -2.42 0.02	44.93 -1.97 0.02	36.21 -1.63 0.02	32.22 -1.10 0.00	30.06 -1.48 0.02	28.26 -1.58 -0.01	27.02 -1.51 -0.05	26.32 -1.41 -0.05	25.78 -1.35 -0.12	21.77 -1.08 -0.44	25.92 -1.43 -0.45	31.71 -1.87 -0.72	39.23 -2.33 0.03	49.25 -3.20 0.02	56.01 -3.26 0.01	45.43 -2.80 0.02	40.06 -2.52 1.56	36.54 -2.37 0.02
NEVERSINK___HYD 23608	36.10 2.39 0.00	35.27 2.31 0.00	33.33 2.18 0.00	34.06 2.20 0.00	35.03 2.35 0.00	37.19 2.43 0.00	50.01 3.45 0.00	50.48 3.56 0.00	40.73 2.88 0.00	35.62 2.30 0.00	33.87 2.30 0.00	32.52 2.27 -0.43	31.50 2.14 -0.88	30.58 2.05 -0.84	30.80 2.05 -1.73	31.09 1.66 -7.03	36.09 2.04 -7.15	47.44 2.76 -11.81	48.85 3.53 -3.72	56.67 4.20 0.00	63.91 4.63 0.00	52.01 3.77 0.00	48.19 3.66 -0.40	41.70 2.76 0.00
NEWKRMKL_115KV_TB1 55635	34.99 1.28 0.00	34.12 1.15 0.00	32.27 1.12 0.00	33.01 1.15 0.00	33.82 1.14 0.00	35.76 1.01 0.00	47.86 1.30 0.00	48.23 1.31 0.00	38.95 1.10 0.00	34.19 0.87 0.00	32.48 0.92 0.00	31.31 0.95 -0.53	30.45 0.88 -1.09	29.58 0.86 -1.03	29.96 0.81 -2.13	31.70 0.72 -8.58	36.42 0.81 -8.71	48.22 0.95 -14.40	47.34 1.37 -4.37	54.10 1.63 0.00	61.00 1.72 0.00	49.69 1.45 0.00	45.94 1.54 -0.26	40.06 1.13 0.00
NEWTON___FALLS_HYD 23847	32.05 -1.65 0.00	31.42 -1.55 0.00	29.66 -1.50 0.00	30.33 -1.53 0.00	31.30 -1.37 0.00	33.43 -1.32 0.00	44.93 -1.63 0.00	44.95 -1.97 0.00	35.96 -1.89 0.00	31.66 -1.67 0.00	29.86 -1.70 0.00	28.14 -1.70 -0.01	26.86 -1.65 -0.03	26.00 -1.72 -0.03	25.48 -1.59 -0.06	21.30 -1.34 -0.24	25.66 -1.48 -0.24	31.66 -1.61 -0.40	40.17 -1.54 -0.12	50.84 -1.63 0.00	57.62 -1.66 0.00	46.90 -1.35 0.00	42.86 -1.28 0.00	37.88 -1.05 0.00
NGRID_A1_DSASP 323792	30.52 -3.17 0.02	30.36 -2.60 0.00	28.62 -2.52 0.01	29.07 -2.77 0.02	29.91 -2.74 0.02	31.55 -3.20 0.01	41.56 -4.98 0.02	42.40 -4.50 0.02	34.58 -3.26 0.02	30.92 -2.40 0.00	28.65 -2.90 0.02	26.56 -3.28 -0.02	25.49 -3.05 -0.05	25.04 -2.69 -0.03	24.50 -2.62 -0.10	20.63 -2.22 -0.45	24.54 -2.82 -0.47	29.51 -4.08 -0.71	36.33 -5.28 -0.01	46.16 -6.30 0.02	53.11 -6.17 0.01	42.54 -5.69 0.02	37.42 -5.43 1.28	34.05 -4.87 0.02
NGRID_A2_DSASP 323793	30.52 -3.17 0.02	30.36 -2.60 0.00	28.62 -2.52 0.01	29.07 -2.77 0.02	29.91 -2.74 0.02	31.55 -3.20 0.01	41.56 -4.98 0.02	42.40 -4.50 0.02	34.58 -3.26 0.02	30.92 -2.40 0.00	28.65 -2.90 0.02	26.56 -3.28 -0.02	25.49 -3.05 -0.05	25.04 -2.69 -0.03	24.50 -2.62 -0.10	20.63 -2.22 -0.45	24.54 -2.82 -0.47	29.51 -4.08 -0.71	36.33 -5.28 -0.01	46.16 -6.30 0.02	53.11 -6.17 0.01	42.54 -5.69 0.02	37.42 -5.43 1.28	34.05 -4.87 0.02
NGRID_A4_DSASP 323807	30.52 -3.17 0.02	30.36 -2.60 0.00	28.62 -2.52 0.01	29.07 -2.77 0.02	29.91 -2.74 0.02	31.55 -3.20 0.01	41.56 -4.98 0.02	42.40 -4.50 0.02	34.58 -3.26 0.02	30.92 -2.40 0.00	28.65 -2.90 0.02	26.56 -3.28 -0.02	25.49 -3.05 -0.05	25.04 -2.69 -0.03	24.50 -2.62 -0.10	20.63 -2.22 -0.45	24.54 -2.82 -0.47	29.51 -4.08 -0.71	36.33 -5.28 -0.01	46.16 -6.30 0.02	53.11 -6.17 0.01	42.54 -5.69 0.02	37.42 -5.43 1.28	34.05 -4.87 0.02
NIAGARA_115E_LBMP 323715	30.66 -3.03 0.02	30.39 -2.57 0.00	28.71 -2.43 0.01	29.39 -2.45 0.02	29.49 -3.17 0.02	31.55 -3.20 0.01	41.75 -4.79 0.02	42.54 -4.36 0.02	34.55 -3.29 0.02	30.92 -2.40 0.00	28.68 -2.87 0.02	26.68 -3.16 -0.02	25.54 -2.99 -0.05	25.08 -2.66 -0.05	24.51 -2.62 -0.12	20.72 -2.19 -0.52	24.62 -2.80 -0.52	29.57 -3.98 -0.68	36.53 -5.08 -0.01	46.21 -6.24 0.02	53.23 -6.05 0.01	42.73 -5.50 0.02	37.90 -4.94 1.29	34.16 -4.75 0.02
NIAGARA_115W_LBMP 323714	30.46 -3.24 0.02	30.06 -2.90 0.00	28.37 -2.77 0.01	29.01 -2.84 0.02	29.06 -3.59 0.02	31.44 -3.30 0.01	41.51 -5.03 0.02	42.31 -4.60 0.02	34.39 -3.44 0.02	30.82 -2.50 0.00	28.58 -2.97 0.02	26.56 -3.28 -0.02	25.43 -3.10 -0.05	24.98 -2.74 -0.03	24.42 -2.70 -0.10	20.64 -2.26 -0.50	24.54 -2.88 -0.52	29.41 -4.14 -0.68	36.24 -5.37 -0.01	45.89 -6.56 0.02	52.99 -6.29 0.01	42.44 -5.79 0.02	37.37 -5.47 1.29	33.93 -4.98 0.02
NIAGARA_230_LBMP 323716	30.99 -2.70 0.02	30.59 -2.37 0.00	28.87 -2.27 0.01	29.52 -2.32 0.02	29.62 -3.04 0.02	32.00 -2.75 0.01	42.26 -4.28 0.02	43.06 -3.85 0.01	35.00 -2.84 0.01	31.33 -2.00 0.00	29.09 -2.46 0.01	27.07 -2.77 -0.02	25.91 -2.62 -0.05	25.44 -2.30 -0.05	24.90 -2.24 -0.12	21.04 -1.88 -0.52	25.00 -2.42 -0.52	30.00 -3.55 -0.68	37.03 -4.58 -0.02	46.84 -5.61 0.02	54.00 -5.28 0.01	43.31 -4.92 0.02	37.92 -4.94 1.27	34.63 -4.28 0.02
NIAGARA___115KV_198_GIBSON 55903	30.46 -3.24 0.02	30.29 -2.67 0.00	28.56 -2.59 0.01	29.01 -2.84 0.02	29.85 -2.81 0.02	31.48 -3.27 0.01	41.47 -5.07 0.02	42.30 -4.60 0.02	34.51 -3.33 0.02	30.82 -2.50 0.00	28.58 -2.97 0.02	26.50 -3.34 -0.02	25.43 -3.10 -0.05	24.98 -2.74 -0.03	24.47 -2.65 -0.10	20.58 -2.26 -0.45	24.52 -2.85 -0.47	29.44 -4.14 -0.71	36.24 -5.37 -0.02	46.05 -6.40 0.02	52.99 -6.28 0.01	42.44 -5.79 0.02	37.38 -5.47 1.28	33.97 -4.94 0.02
NIAGARA____ 23760	30.99 -2.70 0.02	30.59 -2.37 0.00	28.87 -2.27 0.01	29.52 -2.32 0.02	29.62 -3.04 0.02	32.00 -2.75 0.01	42.26 -4.28 0.02	43.06 -3.85 0.02	35.00 -2.84 0.02	31.33 -2.00 0.00	29.09 -2.46 0.02	27.07 -2.77 -0.02	25.91 -2.62 -0.05	25.43 -2.30 -0.04	24.88 -2.24 -0.11	21.03 -1.88 -0.51	25.00 -2.42 -0.52	30.00 -3.55 -0.68	37.03 -4.58 -0.01	46.84 -5.61 0.02	54.00 -5.28 0.01	43.31 -4.92 0.02	37.92 -4.94 1.28	34.63 -4.28 0.02
NINE_MILE_1 23575	32.80 -0.91 0.00	32.08 -0.89 0.00	30.31 -0.84 0.00	31.00 -0.86 0.00	31.73 -0.95 0.00	33.85 -0.90 0.00	45.30 -1.25 0.00	45.65 -1.26 0.00	36.87 -0.98 0.00	32.49 -0.83 0.00	30.74 -0.82 0.00	29.02 -0.83 -0.03	27.74 -0.80 -0.06	26.99 -0.75 -0.05	26.37 -0.76 -0.11	22.21 -0.63 -0.44	26.57 -0.78 -0.45	32.46 -1.02 -0.61	40.37 -1.37 -0.14	50.79 -1.68 0.00	57.56 -1.72 0.00	46.80 -1.45 0.00	42.42 -1.46 0.26	37.61 -1.32 0.00

NINE_MILE_2 23744	32.80 -0.91 0.00	32.08 -0.89 0.00	30.31 -0.84 0.00	31.00 -0.86 0.00	31.73 -0.95 0.00	33.85 -0.90 0.00	45.30 -1.25 0.00	45.65 -1.26 0.00	36.87 -0.98 0.00	32.49 -0.83 0.00	30.78 -0.79 0.00	29.02 -0.83 -0.03	27.74 -0.80 -0.05	26.99 -0.75 -0.05	26.37 -0.76 -0.11	22.21 -0.63 -0.44	26.56 -0.78 -0.45	32.46 -1.02 -0.61	40.37 -1.37 -0.14	50.84 -1.63 0.00	57.62 -1.66 0.00	46.80 -1.45 0.00	42.42 -1.46 0.26	37.61 -1.32 0.00
NM_CAPITAL___DRP 24208	35.05 1.35 0.00	34.18 1.22 0.00	32.30 1.15 0.00	33.07 1.21 0.00	33.88 1.21 0.00	35.87 1.11 0.00	48.00 1.44 0.00	48.42 1.50 0.00	39.10 1.25 0.00	34.29 0.97 0.00	32.61 1.04 0.00	31.39 1.04 -0.53	30.54 0.97 -1.09	29.66 0.94 -1.03	30.06 0.92 -2.13	31.75 0.78 -8.56	36.51 0.91 -8.70	48.37 1.12 -14.38	47.50 1.54 -4.36	54.31 1.84 0.00	61.18 1.90 0.00	49.89 1.64 0.00	46.07 1.68 -0.26	40.18 1.25 0.00
NM_CENTRAL___DRP 24181	33.44 -0.27 0.00	32.70 -0.26 0.00	30.93 -0.22 0.00	31.60 -0.25 0.00	32.48 -0.20 0.00	34.54 -0.21 0.00	46.23 -0.33 0.00	46.92 0.00 0.00	37.89 0.04 0.00	33.36 0.03 0.00	31.53 -0.03 0.00	29.75 -0.12 -0.04	28.43 -0.14 -0.09	27.66 -0.11 -0.09	27.06 -0.14 -0.18	22.98 -0.13 -0.72	27.44 -0.19 -0.73	33.39 -0.39 -0.92	41.26 -0.54 -0.21	51.95 -0.52 0.00	58.93 -0.36 0.00	47.76 -0.48 0.00	43.20 -0.57 0.36	38.39 -0.55 0.00
NM_FRONTIER___DRP 24179	30.46 -3.24 0.02	30.29 -2.67 0.00	28.56 -2.59 0.01	29.01 -2.84 0.02	29.85 -2.81 0.02	31.48 -3.27 0.01	41.47 -5.07 0.02	42.30 -4.60 0.02	34.51 -3.33 0.02	30.82 -2.50 0.00	28.58 -2.97 0.02	26.50 -3.34 -0.02	25.43 -3.10 -0.05	24.98 -2.74 -0.03	24.47 -2.65 -0.10	20.58 -2.26 -0.45	24.52 -2.85 -0.47	29.44 -4.14 -0.71	36.24 -5.37 -0.02	46.05 -6.40 0.02	52.99 -6.28 0.01	42.44 -5.79 0.02	37.38 -5.47 1.28	33.97 -4.94 0.02
NM_ST_REGIS___HYD 24053	31.92 -1.79 0.00	31.35 -1.62 0.00	29.53 -1.62 0.00	30.23 -1.62 0.00	31.11 -1.57 0.00	33.22 -1.53 0.00	44.65 -1.91 0.00	44.57 -2.35 0.00	35.73 -2.12 0.00	31.49 -1.83 0.00	29.73 -1.83 0.00	28.16 -1.67 -0.01	26.90 -1.59 -0.02	25.99 -1.72 -0.02	25.46 -1.59 -0.04	21.24 -1.30 -0.14	25.56 -1.48 -0.14	31.36 -1.74 -0.24	39.63 -2.04 -0.07	50.11 -2.36 0.00	56.50 -2.79 0.00	46.12 -2.12 0.00	42.15 -1.99 0.00	37.37 -1.56 0.00
NORTHPORT___1 23551	36.55 2.83 -0.01	35.50 2.54 0.00	33.33 2.18 0.00	34.18 2.32 0.00	35.26 2.58 0.00	37.51 2.74 -0.01	49.91 3.35 0.00	50.30 3.38 0.00	40.43 2.58 0.00	35.36 2.03 0.00	33.77 2.21 0.00	32.46 2.18 -0.46	31.54 2.11 -0.95	30.70 2.10 -0.91	30.97 2.08 -1.87	31.62 1.70 -7.52	37.26 2.72 -7.64	49.02 3.45 -12.70	51.58 4.16 -5.83	56.73 4.25 -0.01	63.56 4.27 0.00	52.31 4.05 -0.01	48.91 4.41 -0.36	42.32 3.39 -0.01
NORTHPORT___2 23552	36.55 2.83 -0.01	35.50 2.54 0.00	33.33 2.18 0.00	34.18 2.32 0.00	35.26 2.58 0.00	37.51 2.74 -0.01	49.91 3.35 0.00	50.30 3.38 0.00	40.43 2.58 0.00	35.36 2.03 0.00	33.77 2.21 0.00	32.46 2.18 -0.46	31.54 2.11 -0.95	30.70 2.10 -0.91	30.97 2.08 -1.87	31.62 1.70 -7.52	37.26 2.72 -7.64	49.02 3.45 -12.70	51.58 4.16 -5.83	56.73 4.25 -0.01	63.56 4.27 0.00	52.31 4.05 -0.01	48.91 4.41 -0.36	42.32 3.39 -0.01
NORTHPORT___3 23553	36.51 2.80 -0.01	35.47 2.50 0.00	33.30 2.15 0.00	34.15 2.30 0.00	35.22 2.55 0.00	37.47 2.71 -0.01	49.87 3.31 0.00	50.20 3.28 0.00	40.35 2.50 0.00	35.29 1.97 0.00	33.71 2.15 0.00	32.40 2.12 -0.46	31.49 2.05 -0.95	30.67 2.08 -0.91	30.94 2.05 -1.87	31.57 1.66 -7.52	37.23 2.69 -7.64	49.02 3.45 -12.70	51.54 4.12 -5.83	56.68 4.20 -0.01	63.49 4.21 0.00	52.26 4.00 -0.01	48.87 4.37 -0.36	42.29 3.35 -0.01
NORTHPORT___4 23650	36.51 2.80 -0.01	35.47 2.50 0.00	33.30 2.15 0.00	34.15 2.30 0.00	35.22 2.55 0.00	37.47 2.71 -0.01	49.87 3.31 0.00	50.20 3.28 0.00	40.35 2.50 0.00	35.29 1.97 0.00	33.71 2.15 0.00	32.40 2.12 -0.46	31.49 2.05 -0.95	30.67 2.08 -0.91	30.94 2.05 -1.87	31.57 1.66 -7.52	37.23 2.69 -7.64	49.02 3.45 -12.70	51.54 4.12 -5.83	56.68 4.20 -0.01	63.49 4.21 0.00	52.26 4.00 -0.01	48.87 4.37 -0.36	42.29 3.35 -0.01
NORTHPORT___IC 23718	36.55 2.83 -0.01	35.44 2.47 0.00	33.27 2.12 0.00	34.19 2.33 0.00	35.13 2.45 0.00	37.51 2.75 -0.01	49.91 3.35 0.00	50.29 3.38 0.00	40.39 2.54 0.00	35.36 2.03 0.00	33.77 2.21 0.00	32.46 2.18 -0.46	31.54 2.11 -0.95	30.70 2.10 -0.91	30.97 2.08 -1.87	31.63 1.70 -7.52	37.24 2.69 -7.65	49.05 3.45 -12.73	51.58 4.16 -5.83	56.73 4.25 -0.01	63.55 4.27 0.00	52.45 4.20 -0.01	48.92 4.41 -0.37	42.33 3.39 -0.01
NORTH___COUNTRY_ESR 323785	33.10 -0.61 0.00	32.44 -0.53 0.00	30.59 -0.56 0.00	31.29 -0.57 0.00	32.12 -0.56 0.00	34.23 -0.52 0.00	45.91 -0.65 0.00	46.12 -0.80 0.00	37.13 -0.72 0.00	32.73 -0.60 0.00	30.90 -0.66 0.00	29.23 -0.60 0.00	27.94 -0.54 0.00	27.08 -0.61 0.00	26.45 -0.57 0.00	21.95 -0.45 0.00	26.39 -0.51 0.00	32.24 -0.63 0.00	40.80 -0.79 0.00	51.58 -0.89 0.00	58.16 -1.13 0.00	47.38 -0.87 0.00	43.25 -0.88 0.00	38.31 -0.62 0.00
NPX_GEN_1385_PROXY 323591	36.55 2.83 -0.01	35.50 2.54 0.00	33.33 2.18 0.00	34.18 2.32 0.00	35.26 2.58 0.00	37.51 2.74 -0.01	49.91 3.35 0.00	50.30 3.38 0.00	40.43 2.58 0.00	35.36 2.03 0.00	33.77 2.21 0.00	32.46 2.18 -0.46	31.54 2.11 -0.95	30.70 2.10 -0.91	30.97 2.08 -1.87	31.62 1.70 -7.52	37.26 2.72 -7.64	49.02 3.45 -12.70	51.58 4.16 -5.83	56.73 4.25 -0.01	63.56 4.27 0.00	53.35 4.05 -1.05	47.87 4.41 0.68	42.32 3.39 -0.01
NPX_GEN_CSC 323557	36.95 3.24 -0.01	35.87 2.90 0.00	33.64 2.49 0.00	34.57 2.71 0.00	35.65 2.97 0.00	37.96 3.20 -0.01	50.47 3.91 0.00	50.95 4.04 0.00	40.88 3.03 0.00	35.66 2.33 0.00	34.06 2.49 0.00	32.64 2.36 -0.46	31.69 2.25 -0.95	30.84 2.24 -0.91	31.10 2.22 -1.87	31.73 1.81 -7.52	37.45 2.91 -7.64	49.25 3.68 -12.70	52.18 4.74 -5.85	57.78 5.30 -0.01	64.62 5.34 0.00	54.22 4.92 -1.06	48.35 4.90 0.68	42.79 3.85 -0.01
NSINS_S_GLNS_FALLS 23858	35.73 2.02 0.00	34.88 1.91 0.00	32.93 1.78 0.00	33.74 1.88 0.00	34.60 1.93 0.00	36.84 2.09 0.00	49.77 3.21 0.00	49.87 2.96 0.00	39.90 2.04 0.00	34.89 1.57 0.00	33.02 1.45 0.00	31.76 1.40 -0.54	30.93 1.34 -1.11	29.99 1.25 -1.05	30.38 1.19 -2.18	32.23 1.08 -8.75	37.11 1.32 -8.89	48.85 1.48 -14.50	48.25 2.29 -4.37	55.78 3.31 0.00	62.90 3.62 0.00	51.24 2.99 0.00	46.87 2.74 0.00	41.03 2.10 0.00
NUCOR_STEEL___DRP 24197	33.80 0.10 0.00	33.06 0.10 0.00	31.24 0.09 0.00	31.95 0.10 0.00	32.83 0.16 0.00	34.96 0.21 0.00	46.83 0.28 0.00	48.09 1.17 0.00	38.77 0.91 0.00	34.09 0.77 0.00	32.07 0.51 0.00	30.18 0.30 -0.06	28.84 0.23 -0.13	28.08 0.28 -0.12	27.48 0.22 -0.25	23.29 0.11 -0.78	27.83 0.13 -0.79	33.75 -0.16 -1.05	41.70 -0.12 -0.23	52.57 0.10 0.00	59.70 0.41 0.00	48.29 0.05 0.00	43.44 -0.09 0.60	38.77 -0.16 0.00

NUMBER_THREE_WT_PWR 323818	32.53 -1.18 0.00	31.84 -1.12 0.00	30.12 -1.03 0.00	30.81 -1.05 0.00	31.82 -0.85 0.00	34.09 -0.66 0.00	45.81 -0.75 0.00	45.98 -0.94 0.00	36.79 -1.06 0.00	32.33 -1.00 0.00	30.46 -1.11 0.00	28.59 -1.25 -0.02	27.27 -1.25 -0.04	26.46 -1.27 -0.04	25.94 -1.16 -0.08	21.73 -1.01 -0.34	26.22 -1.02 -0.34	32.46 -0.95 -0.55	41.47 -0.29 -0.17	52.52 0.05 0.00	59.76 0.47 0.00	48.49 0.24 0.00	44.31 0.18 0.00	39.05 0.12 0.00
NYISO_LBMP_REFERENCE 24008	33.71 0.00 0.00	32.96 0.00 0.00	31.15 0.00 0.00	31.86 0.00 0.00	32.67 0.00 0.00	34.75 0.00 0.00	46.56 0.00 0.00	46.92 0.00 0.00	37.85 0.00 0.00	33.32 0.00 0.00	31.56 0.00 0.00	29.82 0.00 0.00	28.48 0.00 0.00	27.69 0.00 0.00	27.01 0.00 0.00	22.40 0.00 0.00	26.90 0.00 0.00	32.87 0.00 0.00	41.59 0.00 0.00	52.47 0.00 0.00	59.28 0.00 0.00	48.25 0.00 0.00	44.14 0.00 0.00	38.93 0.00 0.00
NYPA_BRENTWD____GT 24164	36.92 3.20 -0.01	35.83 2.87 0.00	33.64 2.49 0.00	34.50 2.64 0.00	35.62 2.94 0.00	37.89 3.13 -0.01	50.47 3.91 0.00	50.90 3.99 0.00	40.88 3.03 0.00	35.69 2.37 0.00	34.12 2.56 0.00	32.73 2.45 -0.46	31.80 2.36 -0.95	30.98 2.38 -0.91	31.24 2.35 -1.87	31.84 1.93 -7.52	37.50 2.96 -7.64	49.38 3.81 -12.70	52.21 4.74 -5.88	57.67 5.20 -0.01	64.56 5.27 0.00	53.08 4.82 -0.01	49.40 4.90 -0.36	42.76 3.82 -0.01
NYPA_GOWANUS____GT5 24156	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
NYPA_GOWANUS____GT6 24157	36.24 2.53 -0.01	35.31 2.34 -0.01	33.34 2.18 -0.01	34.04 2.17 -0.01	35.04 2.35 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.84 2.99 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.16 3.91 -0.01	48.52 4.02 -0.36	41.90 2.96 -0.01
NYPA_HARLEM__RVR__GT1 24160	35.97 2.26 0.00	35.14 2.18 0.00	33.17 2.02 0.00	33.84 1.98 0.00	34.86 2.19 0.00	36.66 1.91 0.01	49.11 2.56 0.01	49.82 2.91 0.01	40.53 2.69 0.01	35.75 2.43 0.01	34.17 2.62 0.01	32.96 2.69 -0.45	32.05 2.62 -0.95	31.19 2.60 -0.90	31.39 2.51 -1.86	31.97 2.06 -7.51	36.84 2.31 -7.63	48.51 2.96 -12.68	49.04 3.58 -3.87	56.50 4.04 0.01	63.43 4.15 0.01	51.56 3.33 0.01	47.97 3.49 -0.35	41.42 2.49 0.01
NYPA_HARLEM__RVR__GT2 24161	35.97 2.26 0.00	35.14 2.18 0.00	33.17 2.02 0.00	33.84 1.98 0.00	34.86 2.19 0.00	36.66 1.91 0.01	49.11 2.56 0.01	49.82 2.91 0.01	40.53 2.69 0.01	35.75 2.43 0.01	34.17 2.62 0.01	32.96 2.69 -0.45	32.05 2.62 -0.95	31.19 2.60 -0.90	31.39 2.51 -1.86	31.97 2.06 -7.51	36.84 2.31 -7.63	48.51 2.96 -12.68	49.04 3.58 -3.87	56.50 4.04 0.01	63.43 4.15 0.01	51.56 3.33 0.01	47.97 3.49 -0.35	41.42 2.49 0.01
NYPA_KENT____GT 24152	36.14 2.43 0.00	35.21 2.24 0.00	33.24 2.09 0.00	33.93 2.07 0.00	34.93 2.25 0.00	36.98 2.23 0.00	49.50 2.94 0.00	50.25 3.33 0.00	40.77 2.92 0.00	35.93 2.60 0.00	34.31 2.74 0.00	33.09 2.80 -0.46	32.17 2.73 -0.95	31.31 2.71 -0.91	31.54 2.65 -1.87	32.09 2.17 -7.52	37.01 2.47 -7.64	48.75 3.19 -12.70	49.38 3.91 -3.88	56.93 4.46 0.00	63.92 4.63 0.00	52.02 3.77 0.00	48.38 3.88 -0.36	41.78 2.84 0.00
NYPA_POUCH1____GT 24155	36.35 2.63 -0.01	35.41 2.44 -0.01	33.46 2.31 -0.01	34.13 2.26 -0.01	35.13 2.45 -0.01	37.16 2.40 -0.01	49.73 3.17 -0.01	50.44 3.52 0.00	40.88 3.03 0.00	35.99 2.67 0.00	34.34 2.78 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.56 2.67 -1.87	32.13 2.22 -7.52	37.06 2.53 -7.64	48.86 3.29 -12.70	49.51 4.03 -3.88	57.15 4.67 -0.01	64.15 4.86 -0.01	52.26 4.00 -0.01	48.60 4.11 -0.36	41.98 3.04 -0.01
NYPA_VERNON____GT2 24162	36.03 2.32 0.00	35.11 2.14 0.00	33.15 2.00 0.00	33.84 1.98 0.00	34.83 2.16 0.00	36.87 2.12 0.00	49.40 2.84 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.86 2.53 0.00	34.25 2.68 0.00	33.03 2.74 -0.46	32.11 2.68 -0.95	31.25 2.66 -0.91	31.45 2.57 -1.87	32.02 2.10 -7.52	36.96 2.42 -7.64	48.69 3.12 -12.69	49.25 3.78 -3.88	56.77 4.30 0.00	63.73 4.45 0.00	51.87 3.62 0.00	48.24 3.75 -0.36	41.66 2.72 0.00
NYPA_VERNON____GT3 24163	36.03 2.32 0.00	35.11 2.14 0.00	33.15 2.00 0.00	33.84 1.98 0.00	34.83 2.16 0.00	36.87 2.12 0.00	49.40 2.84 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.86 2.53 0.00	34.25 2.68 0.00	33.03 2.74 -0.46	32.11 2.68 -0.95	31.25 2.66 -0.91	31.45 2.57 -1.87	32.02 2.10 -7.52	36.96 2.42 -7.64	48.69 3.12 -12.69	49.25 3.78 -3.88	56.77 4.30 0.00	63.73 4.45 0.00	51.87 3.62 0.00	48.24 3.75 -0.36	41.66 2.72 0.00
NYPA__ASTORIA_CC1 323568	36.00 2.29 0.00	35.08 2.11 0.00	33.15 2.00 0.00	33.80 1.94 0.00	34.80 2.12 0.00	36.84 2.09 0.00	49.31 2.75 0.00	50.01 3.10 0.00	40.66 2.80 0.00	35.82 2.50 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.09 2.65 -0.95	31.23 2.63 -0.91	31.45 2.57 -1.87	32.00 2.08 -7.52	36.90 2.37 -7.64	48.62 3.06 -12.69	49.17 3.70 -3.87	56.72 4.25 0.00	63.61 4.33 0.00	51.82 3.57 0.00	48.15 3.66 -0.36	41.61 2.68 0.00
NYPA__ASTORIA_CC2 323569	36.00 2.29 0.00	35.08 2.11 0.00	33.15 2.00 0.00	33.80 1.94 0.00	34.80 2.12 0.00	36.84 2.09 0.00	49.31 2.75 0.00	50.01 3.10 0.00	40.66 2.80 0.00	35.82 2.50 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.09 2.65 -0.95	31.23 2.63 -0.91	31.45 2.57 -1.87	32.00 2.08 -7.52	36.90 2.37 -7.64	48.62 3.06 -12.69	49.17 3.70 -3.87	56.72 4.25 0.00	63.61 4.33 0.00	51.82 3.57 0.00	48.15 3.66 -0.36	41.61 2.68 0.00
NYPA__HOLTSVILL 23794	36.81 3.10 -0.01	35.73 2.77 0.00	33.55 2.40 0.00	34.41 2.55 0.00	35.52 2.84 0.00	37.78 3.02 -0.01	50.29 3.73 0.00	50.72 3.80 0.00	40.77 2.92 0.00	35.59 2.27 0.00	33.99 2.43 0.00	32.61 2.33 -0.46	31.69 2.25 -0.95	30.84 2.24 -0.91	31.10 2.22 -1.87	31.73 1.81 -7.52	37.39 2.85 -7.64	49.19 3.62 -12.70	52.02 4.58 -5.85	57.47 4.99 -0.01	64.32 5.04 0.00	52.93 4.68 -0.01	49.22 4.72 -0.36	42.64 3.70 -0.01
NYPA__HELLGATE_GT1 24158	35.97 2.26 0.00	35.14 2.18 0.00	33.17 2.02 0.00	33.84 1.98 0.00	34.86 2.19 0.00	36.66 1.91 0.01	49.11 2.56 0.01	49.82 2.91 0.01	40.53 2.69 0.01	35.75 2.43 0.01	34.17 2.62 0.01	32.96 2.69 -0.45	32.05 2.62 -0.95	31.19 2.60 -0.90	31.39 2.51 -1.86	31.97 2.06 -7.51	36.84 2.31 -7.63	48.51 2.96 -12.68	49.04 3.58 -3.87	56.50 4.04 0.01	63.43 4.15 0.01	51.56 3.33 0.01	47.97 3.49 -0.35	41.42 2.49 0.01

NYPA_____HELLGATE_GT2 24159	35.97	35.14	33.17	33.84	34.86	36.66	49.11	49.82	40.53	35.75	34.17	32.96	32.05	31.19	31.39	31.97	36.84	48.51	49.04	56.50	63.43	51.56	47.97	41.42
	2.26	2.18	2.02	1.98	2.19	1.91	2.56	2.91	2.69	2.43	2.62	2.69	2.62	2.60	2.51	2.06	2.31	2.96	3.58	4.04	4.15	3.33	3.49	2.49
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	-0.45	-0.95	-0.90	-1.86	-7.51	-7.63	-12.68	-3.87	0.01	0.01	0.01	-0.35	0.01
NYS_BARGE___HYD 23848	31.10	30.72	29.06	29.71	29.88	32.07	42.45	43.29	35.08	31.39	29.12	27.07	25.92	25.41	24.84	20.99	24.98	30.04	37.16	47.00	54.18	43.45	38.47	34.75
	-2.59	-2.24	-2.09	-2.13	-2.78	-2.68	-4.10	-3.61	-2.76	-1.93	-2.43	-2.77	-2.62	-2.33	-2.30	-1.93	-2.45	-3.52	-4.45	-5.46	-5.10	-4.78	-4.41	-4.16
	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	-0.02	-0.05	-0.05	-0.12	-0.52	-0.52	-0.68	-0.02	0.01	0.01	0.01	1.25	0.01
OAK ORCHARD___HYD 24046	32.52	31.91	30.09	30.83	31.03	33.71	44.64	45.45	36.82	32.79	30.54	28.45	27.26	26.67	25.98	21.92	26.15	31.54	39.17	49.73	57.20	45.78	40.33	36.47
	-1.18	-1.06	-1.06	-1.02	-1.63	-1.04	-1.91	-1.45	-1.02	-0.53	-1.01	-1.40	-1.28	-1.08	-1.16	-1.01	-1.29	-2.04	-2.49	-2.73	-2.08	-2.46	-2.87	-2.45
	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	-0.02	-0.06	-0.06	-0.13	-0.53	-0.54	-0.71	-0.07	0.01	0.00	0.01	0.94	0.01
OAKDALE___35_KV_LOAD 356122	34.07	33.29	31.47	32.20	33.02	35.11	47.14	47.48	38.28	33.72	31.85	30.20	28.99	28.21	27.87	25.89	30.50	39.20	44.34	53.17	60.12	48.89	47.30	39.26
	0.34	0.33	0.31	0.32	0.33	0.35	0.56	0.56	0.42	0.40	0.28	0.21	0.17	0.19	0.19	0.27	0.32	0.36	0.54	0.68	0.83	0.63	0.57	0.31
	-0.02	0.00	-0.01	-0.02	-0.02	-0.01	-0.02	0.00	0.00	0.00	0.00	-0.17	-0.34	-0.32	-0.67	-3.22	-3.27	-5.97	-2.21	-0.02	-0.01	-0.02	-2.59	-0.02
OCC_CHEM___DRP 24175	30.52	30.36	28.62	29.07	29.91	31.55	41.56	42.40	34.58	30.92	28.65	26.56	25.49	25.04	24.50	20.63	24.54	29.51	36.33	46.16	53.11	42.54	37.42	34.05
	-3.17	-2.60	-2.52	-2.77	-2.74	-3.20	-4.98	-4.50	-3.26	-2.40	-2.90	-3.28	-3.05	-2.69	-2.62	-2.22	-2.82	-4.08	-5.28	-6.30	-6.17	-5.69	-5.43	-4.87
	0.02	0.00	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.00	0.02	-0.02	-0.05	-0.03	-0.10	-0.45	-0.47	-0.71	-0.01	0.02	0.01	0.02	1.28	0.02
OH_GEN_PROXY 24063	31.06	30.63	28.90	29.55	29.69	32.04	42.40	43.19	35.08	31.39	29.15	27.13	26.00	25.50	24.95	21.08	25.08	30.13	37.20	47.05	54.18	44.50	37.01	34.71
	-2.63	-2.34	-2.24	-2.29	-2.97	-2.71	-4.14	-3.71	-2.76	-1.93	-2.40	-2.71	-2.53	-2.24	-2.19	-1.84	-2.34	-3.42	-4.41	-5.40	-5.10	-4.78	-4.81	-4.21
	0.02	0.00	0.01	0.02	0.02	0.01	0.02	0.01	0.01	0.00	0.01	-0.02	-0.05	-0.05	-0.12	-0.52	-0.52	-0.68	-0.02	0.02	0.01	-1.03	2.32	0.02
OLIN_CORP_DRP 24177	30.72	30.66	28.93	29.42	30.24	31.65	41.79	42.63	34.70	30.99	28.74	26.68	25.60	25.14	24.60	20.71	24.65	29.67	36.61	46.42	53.35	42.78	37.94	34.28
	-2.97	-2.31	-2.21	-2.42	-2.42	-3.09	-4.75	-4.27	-3.14	-2.33	-2.81	-3.16	-2.93	-2.60	-2.54	-2.15	-2.72	-3.91	-4.99	-6.03	-5.93	-5.45	-4.90	-4.63
	0.02	0.00	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.00	0.02	-0.02	-0.05	-0.05	-0.12	-0.46	-0.47	-0.71	-0.01	0.02	0.01	0.02	1.30	0.02
OLIN_CORP_DSASP 323712	30.52	30.36	28.62	29.07	29.91	31.55	41.56	42.40	34.58	30.92	28.65	26.56	25.49	25.04	24.50	20.63	24.54	29.51	36.33	46.16	53.11	42.54	37.42	34.05
	-3.17	-2.60	-2.52	-2.77	-2.74	-3.20	-4.98	-4.50	-3.26	-2.40	-2.90	-3.28	-3.05	-2.69	-2.62	-2.22	-2.82	-4.08	-5.28	-6.30	-6.17	-5.69	-5.43	-4.87
	0.02	0.00	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.00	0.02	-0.02	-0.05	-0.03	-0.10	-0.45	-0.47	-0.71	-0.01	0.02	0.01	0.02	1.28	0.02
ONEIDA_HERK_LFGE 323681	33.57	32.83	31.06	31.76	32.74	34.96	46.98	47.20	37.85	33.26	31.41	29.49	28.18	27.37	26.77	22.40	26.97	33.31	42.21	53.31	60.59	49.16	44.97	39.55
	-0.13	-0.13	-0.09	-0.10	0.07	0.21	0.42	0.28	0.00	-0.07	-0.16	-0.36	-0.34	-0.36	-0.32	-0.34	-0.27	-0.10	0.46	0.84	1.30	0.91	0.84	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.04	-0.04	-0.08	-0.34	-0.34	-0.54	-0.16	0.00	0.00	0.00	0.00	0.00
ONEIDA___115KV_TB4 55905	34.28	33.53	31.71	32.40	33.36	35.48	47.68	48.09	38.61	33.96	32.04	30.15	28.83	28.02	27.43	23.10	27.70	34.16	42.66	53.73	61.00	49.45	45.19	39.75
	0.57	0.56	0.56	0.54	0.69	0.73	1.12	1.17	0.76	0.63	0.47	0.30	0.28	0.28	0.30	0.20	0.30	0.46	0.83	1.26	1.72	1.21	1.06	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.06	-0.06	-0.12	-0.49	-0.50	-0.83	-0.24	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	33.61	32.87	31.09	31.76	32.61	34.72	46.51	47.25	38.12	33.56	31.72	29.91	28.60	27.86	27.28	23.27	27.77	33.82	41.61	52.31	59.34	48.10	43.45	38.62
	-0.10	-0.10	-0.06	-0.10	-0.07	-0.03	-0.05	0.33	0.26	0.23	0.16	0.03	0.00	0.06	0.03	-0.02	-0.03	-0.20	-0.25	-0.16	0.06	-0.14	-0.26	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.12	-0.12	-0.24	-0.89	-0.90	-1.15	-0.27	0.00	0.00	0.00	0.42	0.00
ONONDAGA___COGEN 23986	33.60	32.87	31.09	31.76	32.64	34.72	46.51	47.57	38.38	33.79	31.88	30.02	28.69	27.92	27.32	23.14	27.66	33.56	41.52	52.26	59.28	48.05	43.37	38.62
	-0.10	-0.10	-0.06	-0.10	-0.03	-0.03	-0.05	0.66	0.53	0.47	0.32	0.15	0.11	0.14	0.11	0.04	0.05	-0.23	-0.29	-0.21	0.00	-0.19	-0.31	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.10	-0.09	-0.19	-0.69	-0.70	-0.92	-0.22	0.00	0.00	0.00	0.46	0.00
ONTARIO___LFGE 23819	33.22	32.50	30.71	31.43	32.24	34.40	46.17	46.99	37.84	33.36	31.23	29.30	27.96	27.21	26.58	22.49	26.89	32.71	40.78	51.67	58.87	47.56	41.95	38.02
	-0.47	-0.46	-0.44	-0.42	-0.43	-0.35	-0.37	0.09	0.00	0.03	-0.32	-0.54	-0.57	-0.53	-0.54	-0.49	-0.59	-0.85	-0.83	-0.79	-0.41	-0.68	-0.88	-0.89
	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.00	0.02	-0.01	-0.04	-0.04	-0.11	-0.58	-0.59	-0.70	-0.02	0.01	0.01	0.01	1.30	0.01
ORANGEVILLE_WT_PWR 323706	31.56	31.02	29.37	29.99	30.69	32.55	43.56	44.22	35.64	31.76	29.58	27.68	26.47	25.77	25.20	21.27	25.36	30.84	38.40	48.62	55.60	44.99	39.33	36.03
	-2.12	-1.94	-1.77	-1.85	-1.96	-2.19	-2.98	-2.67	-2.20	-1.57	-1.96	-2.15	-2.05	-1.97	-1.92	-1.63	-2.05	-2.66	-3.12	-3.83	-3.68	-3.23	-3.04	-2.88
	0.02	0.00	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.00	0.02	-0.01	-0.04	-0.04	-0.11	-0.51	-0.51	-0.63	0.07	0.02	0.01	0.02	1.76	0.02
ORANGEVILLE___ESR 323794	31.56	31.02	29.37	29.99	30.69	32.55	43.56	44.22	35.64	31.76	29.58	27.68	26.47	25.77	25.20	21.27	25.36	30.84	38.40	48.62	55.60	44.99	39.33	36.03
	-2.12	-1.94	-1.77	-1.85	-1.96	-2.19	-2.98	-2.67	-2.20	-1.57	-1.96	-2.15	-2.05	-1.97	-1.92	-1.63	-2.05	-2.66	-3.12	-3.83	-3.68	-3.23	-3.04	-2.88
	0.02	0.00	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.00	0.02	-0.01	-0.04	-0.04	-0.11	-0.51	-0.51	-0.63	0.07	0.02	0.01	0.02	1.76	0.02

OSWEGATCHIE___HYD 24044	32.06 -1.65 0.00	31.42 -1.55 0.00	29.66 -1.49 0.00	30.33 -1.53 0.00	31.27 -1.40 0.00	33.47 -1.29 0.00	44.93 -1.63 0.00	44.95 -1.97 0.00	35.96 -1.89 0.00	31.66 -1.67 0.00	29.86 -1.70 0.00	28.11 -1.73 -0.01	26.86 -1.65 -0.03	26.00 -1.72 -0.03	25.48 -1.59 -0.06	21.30 -1.34 -0.24	25.67 -1.48 -0.25	31.65 -1.61 -0.39	40.18 -1.54 -0.12	50.84 -1.63 0.00	57.62 -1.66 0.00	46.90 -1.35 0.00	42.85 -1.28 0.00	37.88 -1.05 0.00
OSWEGO___5 23606	33.03 -0.67 0.00	32.31 -0.66 0.00	30.53 -0.62 0.00	31.22 -0.64 0.00	31.96 -0.72 0.00	34.09 -0.66 0.00	45.63 -0.93 0.00	45.88 -1.03 0.00	37.02 -0.83 0.00	32.62 -0.70 0.00	30.87 -0.69 0.00	29.13 -0.72 -0.03	27.85 -0.68 -0.06	27.11 -0.64 -0.05	26.47 -0.65 -0.11	22.31 -0.54 -0.44	26.68 -0.67 -0.45	32.80 -0.79 -0.72	40.69 -1.08 -0.17	51.21 -1.26 0.00	58.04 -1.25 0.00	47.14 -1.11 0.00	42.70 -1.15 0.28	37.88 -1.05 0.00
OSWEGO___6 23613	33.03 -0.67 0.00	32.31 -0.66 0.00	30.53 -0.62 0.00	31.22 -0.64 0.00	31.96 -0.72 0.00	34.09 -0.66 0.00	45.63 -0.93 0.00	45.88 -1.03 0.00	37.02 -0.83 0.00	32.62 -0.70 0.00	30.87 -0.69 0.00	29.13 -0.72 -0.03	27.85 -0.68 -0.06	27.11 -0.64 -0.05	26.47 -0.65 -0.11	22.31 -0.54 -0.44	26.68 -0.67 -0.45	32.80 -0.79 -0.72	40.69 -1.08 -0.17	51.21 -1.26 0.00	58.04 -1.25 0.00	47.14 -1.11 0.00	42.70 -1.15 0.28	37.88 -1.05 0.00
OUTOKUMPU-AB___DRP 24206	31.16 -2.53 0.02	30.92 -2.04 0.00	29.18 -1.96 0.01	29.71 -2.13 0.02	30.53 -2.12 0.02	32.17 -2.57 0.01	42.63 -3.91 0.02	43.48 -3.42 0.02	35.30 -2.54 0.02	31.52 -1.80 0.00	29.28 -2.27 0.02	27.19 -2.65 -0.02	26.06 -2.48 -0.05	25.52 -2.22 -0.04	24.99 -2.13 -0.11	21.06 -1.79 -0.45	25.08 -2.29 -0.47	30.29 -3.29 -0.71	37.44 -4.16 -0.01	47.36 -5.09 0.02	54.36 -4.92 0.01	43.69 -4.54 0.02	38.58 -4.24 1.32	35.06 -3.85 0.02
OXBOW___BTM 323836	30.86 -2.83 0.02	30.46 -2.51 0.00	28.77 -2.37 0.01	29.42 -2.42 0.02	29.59 -3.07 0.02	31.86 -2.88 0.01	42.21 -4.33 0.02	43.01 -3.89 0.02	34.92 -2.91 0.02	31.26 -2.07 0.00	28.99 -2.56 0.02	26.95 -2.89 -0.02	25.80 -2.73 -0.05	25.32 -2.41 -0.04	24.74 -2.38 -0.11	20.91 -1.99 -0.50	24.86 -2.56 -0.52	29.90 -3.65 -0.68	36.94 -4.66 -0.01	46.68 -5.61 0.02	53.77 -5.51 0.01	43.21 -5.02 0.02	38.06 -4.77 1.31	34.56 -4.36 0.02
OXBOW___ 24026	30.86 -2.83 0.02	30.69 -2.27 0.00	28.93 -2.21 0.01	29.42 -2.42 0.02	30.24 -2.42 0.02	31.90 -2.85 0.01	42.17 -4.38 0.02	43.01 -3.89 0.02	35.00 -2.84 0.02	31.26 -2.07 0.00	28.99 -2.56 0.02	26.89 -2.95 -0.02	25.80 -2.73 -0.05	25.32 -2.41 -0.04	24.77 -2.35 -0.11	20.86 -1.99 -0.45	24.84 -2.53 -0.47	29.93 -3.65 -0.71	36.95 -4.66 -0.01	46.84 -5.61 0.02	53.76 -5.51 0.01	43.16 -5.02 0.02	38.06 -4.77 1.30	34.59 -4.32 0.02
OXY_CHEM_DSASP 323612	30.52 -3.17 0.02	30.36 -2.60 0.00	28.62 -2.52 0.01	29.07 -2.77 0.02	29.91 -2.74 0.02	31.55 -3.20 0.01	41.56 -4.98 0.02	42.40 -4.50 0.02	34.58 -3.26 0.02	30.92 -2.40 0.00	28.65 -2.90 0.02	26.56 -3.28 -0.02	25.49 -3.05 -0.05	25.04 -2.69 -0.03	24.50 -2.62 -0.10	20.63 -2.22 -0.45	24.54 -2.82 -0.47	29.51 -4.08 -0.71	36.33 -5.28 -0.01	46.16 -6.30 0.02	53.11 -6.17 0.01	42.54 -5.69 0.02	37.42 -5.43 1.28	34.05 -4.87 0.02
OZONE_PARK_ESR 323760	36.23 2.53 0.00	35.17 2.21 0.00	33.18 2.02 0.00	33.96 2.10 0.00	34.83 2.16 0.00	37.12 2.36 0.00	49.77 3.21 0.00	50.48 3.57 0.00	40.96 3.10 0.00	36.09 2.77 0.00	34.44 2.87 0.00	33.18 2.89 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.12 2.58 -7.64	48.98 3.39 -12.72	49.63 4.16 -3.88	57.30 4.83 0.00	64.32 5.04 0.00	52.40 4.15 0.00	48.64 4.15 -0.36	42.01 3.08 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.52 -3.17 0.02	30.36 -2.60 0.00	28.62 -2.52 0.01	29.07 -2.77 0.02	29.91 -2.74 0.02	31.55 -3.20 0.01	41.56 -4.98 0.02	42.40 -4.50 0.02	34.58 -3.26 0.02	30.92 -2.40 0.00	28.65 -2.90 0.02	26.56 -3.28 -0.02	25.49 -3.05 -0.05	25.04 -2.69 -0.03	24.50 -2.62 -0.10	20.63 -2.22 -0.45	24.54 -2.82 -0.47	29.51 -4.08 -0.71	36.33 -5.28 -0.01	46.16 -6.30 0.02	53.11 -6.17 0.01	42.54 -5.69 0.02	37.42 -5.43 1.28	34.05 -4.87 0.02
PACKARD___115KV_DUPONT_184 80571	30.52 -3.17 0.02	30.16 -2.80 0.00	28.43 -2.71 0.01	29.07 -2.77 0.02	29.13 -3.53 0.02	31.51 -3.23 0.01	41.61 -4.94 0.02	42.40 -4.50 0.02	34.51 -3.33 0.02	30.92 -2.40 0.00	28.65 -2.90 0.02	26.62 -3.22 -0.02	25.49 -3.05 -0.05	25.04 -2.69 -0.03	24.47 -2.65 -0.10	20.68 -2.22 -0.50	24.60 -2.82 -0.52	29.47 -4.08 -0.68	36.32 -5.28 -0.01	46.00 -6.46 0.02	53.11 -6.17 0.01	42.54 -5.69 0.02	37.41 -5.43 1.29	34.01 -4.91 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.96 2.26 0.00	34.91 1.94 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.70 1.95 0.00	49.12 2.56 0.00	49.83 2.91 0.00	40.47 2.61 0.00	35.69 2.37 0.00	34.06 2.49 0.00	32.88 2.59 -0.46	31.97 2.53 -0.95	31.11 2.52 -0.91	31.32 2.43 -1.87	31.92 1.99 -7.52	36.80 2.26 -7.64	48.52 2.93 -12.72	49.05 3.58 -3.88	56.51 4.04 0.00	63.43 4.15 0.00	51.67 3.43 0.00	48.03 3.53 -0.36	41.46 2.53 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.47 2.76 0.00	35.44 2.47 0.00	33.52 2.37 0.00	34.28 2.42 0.00	35.19 2.52 0.00	37.26 2.50 0.00	49.82 3.26 0.00	50.58 3.66 0.00	41.00 3.14 0.00	36.16 2.83 0.00	34.47 2.90 0.00	33.30 3.01 -0.46	32.34 2.91 -0.95	31.45 2.85 -0.91	31.64 2.76 -1.87	32.19 2.26 -7.52	37.12 2.58 -7.64	48.94 3.35 -12.72	49.59 4.12 -3.88	57.24 4.77 0.00	64.26 4.98 0.00	52.35 4.10 0.00	48.60 4.10 -0.36	41.97 3.04 0.00
PATROON___115KV_TB1 80586	35.05 1.35 0.00	34.18 1.22 0.00	32.30 1.15 0.00	33.07 1.21 0.00	33.88 1.21 0.00	35.83 1.08 0.00	48.00 1.44 0.00	48.37 1.45 0.00	39.03 1.17 0.00	34.26 0.93 0.00	32.54 0.98 0.00	31.37 1.01 -0.53	30.51 0.94 -1.09	29.64 0.91 -1.04	30.02 0.86 -2.14	31.76 0.76 -8.60	36.52 0.89 -8.73	48.36 1.05 -14.44	47.43 1.46 -4.38	54.25 1.78 0.00	61.12 1.84 0.00	49.84 1.59 0.00	46.03 1.63 -0.26	40.14 1.21 0.00
PATTRSNVILLE___SOLAR 323815	35.06 1.35 0.00	34.22 1.25 0.00	32.33 1.18 0.00	33.07 1.21 0.00	33.98 1.31 0.00	36.07 1.32 0.00	48.47 1.91 0.00	48.60 1.69 0.00	38.84 0.98 0.00	33.99 0.67 0.00	32.16 0.60 0.00	31.00 0.63 -0.55	30.21 0.60 -1.13	29.29 0.52 -1.07	29.74 0.51 -2.22	31.77 0.47 -8.90	36.77 0.83 -9.04	48.93 1.12 -14.94	47.78 1.62 -4.57	54.67 2.20 0.00	61.72 2.43 0.00	50.22 1.98 0.00	46.34 1.94 -0.26	40.41 1.48 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.19 -2.49 0.02	30.69 -2.27 0.00	28.93 -2.21 0.01	29.71 -2.13 0.02	30.40 -2.25 0.02	32.03 -2.71 0.01	43.37 -3.17 0.02	44.22 -2.67 0.02	35.34 -2.50 0.02	31.42 -1.90 0.00	29.53 -2.02 0.02	28.02 -1.82 -0.01	26.79 -1.74 -0.05	25.99 -1.74 -0.05	25.48 -1.65 -0.12	21.60 -1.25 -0.45	25.88 -1.48 -0.46	31.87 -1.71 -0.71	39.41 -2.16 0.02	48.57 -3.88 0.02	54.59 -4.68 0.01	45.09 -3.14 0.02	40.31 -2.34 1.48	36.65 -2.26 0.02

PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.96 2.26 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.83 1.98 0.00	34.67 1.99 0.00	36.94 2.19 0.00	49.68 3.12 0.00	50.39 3.47 0.00	40.92 3.07 0.00	36.02 2.70 0.00	34.34 2.78 0.00	33.12 2.83 -0.47	32.07 2.62 -0.96	31.18 2.57 -0.91	31.52 2.62 -1.89	31.85 1.86 -7.59	36.82 2.21 -7.71	48.61 2.89 -12.85	49.17 3.66 -3.91	56.77 4.30 0.00	63.91 4.62 0.00	52.06 3.81 0.00	48.20 3.71 -0.35	41.66 2.73 0.00
PEEKSKILL____ 23653	35.83 2.12 0.00	34.88 1.91 0.00	32.93 1.77 0.00	33.64 1.78 0.00	34.63 1.96 0.00	36.73 1.98 0.00	49.26 2.70 0.00	49.87 2.96 0.00	40.43 2.58 0.00	35.56 2.23 0.00	33.90 2.34 0.00	32.67 2.39 -0.46	31.71 2.28 -0.95	30.86 2.27 -0.90	31.09 2.22 -1.86	31.76 1.81 -7.54	36.69 2.12 -7.66	48.29 2.79 -12.63	48.94 3.49 -3.86	56.46 3.99 0.00	63.49 4.21 0.00	51.72 3.48 0.00	47.98 3.49 -0.36	41.46 2.53 0.00
PGE MADISON__WINDPWR 24146	35.70 1.99 0.00	34.88 1.91 0.00	32.99 1.84 0.00	33.68 1.82 0.00	34.80 2.12 0.00	36.98 2.22 0.00	50.38 3.82 -0.01	50.78 3.85 -0.02	40.33 2.46 -0.02	35.29 1.97 0.00	33.10 1.52 -0.02	31.07 1.04 -0.20	29.84 0.97 -0.39	28.97 0.91 -0.37	28.73 0.97 -0.74	25.71 0.74 -2.57	30.61 1.10 -2.61	39.08 1.81 -4.40	45.68 2.66 -1.42	56.41 3.94 0.00	64.27 4.98 0.00	51.97 3.71 0.00	47.90 3.18 -0.58	41.50 2.57 0.00
PIERCEFIELD__HYD 23852	31.92 -1.79 0.00	31.35 -1.62 0.00	29.53 -1.62 0.00	30.23 -1.62 0.00	31.11 -1.57 0.00	33.22 -1.53 0.00	44.65 -1.91 0.00	44.57 -2.35 0.00	35.73 -2.12 0.00	31.49 -1.83 0.00	29.73 -1.83 0.00	28.16 -1.67 -0.01	26.90 -1.59 -0.02	25.99 -1.72 -0.02	25.46 -1.59 -0.04	21.24 -1.30 -0.14	25.56 -1.48 -0.14	31.36 -1.74 -0.24	39.63 -2.04 -0.07	50.11 -2.36 0.00	56.50 -2.79 0.00	46.12 -2.12 0.00	42.15 -1.99 0.00	37.37 -1.56 0.00
PINELAWN_CC_I 323563	36.71 3.00 -0.01	35.67 2.70 0.00	33.49 2.34 0.00	34.31 2.45 0.00	35.42 2.75 0.00	37.68 2.92 -0.01	50.24 3.68 0.00	50.67 3.75 0.00	40.73 2.88 0.00	35.62 2.30 0.00	34.03 2.46 0.00	32.67 2.39 -0.46	31.74 2.31 -0.95	30.89 2.30 -0.91	31.16 2.27 -1.87	31.78 1.86 -7.52	37.37 2.82 -7.65	49.19 3.62 -12.70	52.11 4.49 -6.03	57.47 4.99 -0.01	64.38 5.10 0.00	52.79 4.53 -0.01	49.13 4.63 -0.37	42.52 3.58 -0.01
PJM_GEN_HTP_PROXY 323702	36.03 2.32 0.00	35.04 2.08 0.00	33.08 1.93 0.00	33.77 1.91 0.00	34.80 2.12 0.00	36.91 2.16 0.00	49.49 2.94 0.00	50.15 3.23 0.00	40.73 2.88 0.00	35.86 2.53 0.00	34.22 2.65 0.00	32.97 2.69 -0.46	32.05 2.62 -0.95	31.17 2.51 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.93 2.39 -7.63	48.68 3.12 -12.69	49.34 3.87 -3.87	56.88 4.41 0.00	63.85 4.57 0.00	53.06 3.77 -1.05	47.28 3.84 0.69	41.73 2.80 0.00
PJM_GEN_KEystone 24065	32.07 -1.62 0.02	31.42 -1.55 0.00	29.74 -1.40 0.01	30.34 -1.50 0.02	31.28 -1.37 0.02	32.97 -1.77 0.01	44.26 -2.28 0.02	44.93 -1.97 0.02	36.28 -1.55 0.02	32.19 -1.13 0.02	30.19 -1.36 0.02	28.60 -1.31 -0.09	27.40 -1.28 -0.20	26.72 -1.16 -0.19	26.32 -1.11 -0.42	23.20 -0.90 -1.69	27.51 -1.10 -1.72	34.17 -1.41 -2.71	40.40 -1.79 -0.60	49.88 -2.57 0.02	56.55 -2.73 0.01	46.96 -2.31 -1.03	39.54 -2.07 2.53	36.88 -2.03 0.02
PJM_GEN_NEPTUNE_PROXY 323594	36.35 2.63 -0.01	35.34 2.37 0.00	33.21 2.06 0.00	34.03 2.17 0.00	35.09 2.42 0.00	37.30 2.54 -0.01	49.73 3.17 0.00	50.20 3.28 0.00	40.43 2.58 0.00	35.39 2.07 0.00	33.84 2.27 0.00	32.52 2.24 -0.46	31.60 2.16 -0.95	30.76 2.16 -0.91	31.02 2.13 -1.87	31.67 1.75 -7.52	37.10 2.56 -7.64	48.86 3.29 -12.70	50.54 3.95 -4.99	56.83 4.35 -0.01	63.73 4.45 0.00	53.21 3.91 -1.05	47.56 4.11 0.68	42.09 3.15 -0.01
PJM_GEN_VFT_PROXY 323633	35.87 2.16 0.00	34.88 1.91 0.00	32.89 1.74 0.00	33.61 1.75 0.00	34.60 1.93 0.00	36.73 1.98 0.00	49.21 2.65 0.00	49.92 3.01 0.00	40.58 2.73 0.00	35.73 2.40 0.00	34.09 2.53 0.00	32.88 2.59 -0.46	31.94 2.51 -0.95	31.06 2.46 -0.91	31.29 2.40 -1.87	31.89 1.97 -7.52	36.82 2.29 -7.64	48.55 2.99 -12.69	49.17 3.70 -3.87	56.67 4.20 0.00	63.61 4.33 0.00	52.81 3.52 -1.05	47.11 3.66 0.69	41.54 2.61 0.00
PLATSBURG_115KV_PMLD1 355749	33.44 -0.27 0.00	32.83 -0.13 0.00	30.93 -0.22 0.00	31.64 -0.22 0.00	32.48 -0.20 0.00	34.65 -0.10 0.00	46.51 -0.05 0.00	46.64 -0.28 0.00	37.55 -0.30 0.00	33.09 -0.23 0.00	31.25 -0.32 0.00	29.59 -0.24 0.00	28.25 -0.23 0.00	27.38 -0.30 0.00	26.74 -0.27 0.00	22.20 -0.20 0.00	26.68 -0.22 0.00	32.61 -0.26 0.00	41.30 -0.29 0.00	52.21 -0.26 0.00	58.87 -0.41 0.00	47.96 -0.29 0.00	43.74 -0.40 0.00	38.74 -0.19 0.00
PLEASANTVLY__LBMP 24000	35.59 1.89 0.00	34.65 1.68 0.00	32.71 1.56 0.00	33.48 1.62 0.00	34.31 1.63 0.00	36.53 1.77 0.00	48.98 2.42 0.00	49.54 2.63 0.00	40.09 2.23 0.00	35.26 1.93 0.00	33.62 2.05 0.00	32.39 2.09 -0.48	31.48 2.02 -0.98	30.61 1.99 -0.93	30.88 1.95 -1.92	31.72 1.59 -7.73	36.64 1.88 -7.85	48.35 2.43 -13.05	48.64 3.08 -3.97	55.99 3.52 0.00	62.96 3.68 0.00	51.33 3.09 0.00	47.56 3.09 -0.34	41.19 2.26 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.93 2.22 0.00	34.94 1.98 0.00	32.96 1.81 0.00	33.74 1.88 0.00	34.60 1.93 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.06 3.14 0.00	40.54 2.69 0.00	35.66 2.33 0.00	34.03 2.46 0.00	32.79 2.51 -0.46	31.86 2.42 -0.96	30.98 2.38 -0.91	31.24 2.35 -1.88	31.87 1.93 -7.54	36.82 2.26 -7.66	48.58 2.96 -12.76	49.18 3.70 -3.89	56.72 4.25 0.00	63.67 4.39 0.00	51.91 3.67 0.00	48.16 3.66 -0.36	41.62 2.69 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.93 2.22 0.00	34.94 1.98 0.00	32.96 1.81 0.00	33.74 1.88 0.00	34.60 1.93 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.06 3.14 0.00	40.54 2.69 0.00	35.66 2.33 0.00	34.03 2.46 0.00	32.79 2.51 -0.46	31.86 2.42 -0.96	30.98 2.38 -0.91	31.24 2.35 -1.88	31.87 1.93 -7.54	36.82 2.26 -7.66	48.58 2.96 -12.76	49.18 3.70 -3.89	56.72 4.25 0.00	63.67 4.39 0.00	51.91 3.67 0.00	48.16 3.66 -0.36	41.62 2.69 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.76 2.06 0.00	34.84 1.88 0.00	32.89 1.74 0.00	33.68 1.82 0.00	34.50 1.83 0.00	36.73 1.98 0.00	49.31 2.75 0.00	49.87 2.96 0.00	40.32 2.46 0.00	35.36 2.03 0.00	33.68 2.11 0.00	32.41 2.12 -0.47	31.51 2.05 -0.98	30.64 2.02 -0.93	30.96 2.03 -1.91	31.73 1.64 -7.70	36.68 1.96 -7.82	48.46 2.60 -12.99	48.88 3.33 -3.96	56.41 3.94 0.00	63.49 4.21 0.00	51.72 3.47 0.00	47.88 3.40 -0.34	41.46 2.53 0.00
POLETTI____ 23519	35.96 2.26 0.00	34.94 1.98 0.00	32.96 1.81 0.00	33.74 1.88 0.00	34.60 1.93 0.00	36.84 2.09 0.00	49.40 2.84 0.00	50.06 3.14 0.00	40.62 2.76 0.00	35.79 2.47 0.00	34.15 2.59 0.00	32.91 2.62 -0.46	32.00 2.56 -0.95	31.11 2.52 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.88 2.34 -7.64	48.65 3.06 -12.72	49.25 3.78 -3.88	56.77 4.30 0.00	63.73 4.45 0.00	51.96 3.71 0.00	48.34 3.84 -0.36	41.73 2.80 0.00

POMONA___ESR 323819	35.87 2.16 0.00	34.94 1.98 0.00	32.99 1.84 0.00	33.71 1.85 0.00	34.67 1.99 0.00	36.77 2.01 0.00	49.35 2.79 0.00	49.92 3.01 0.00	40.46 2.61 0.00	35.56 2.23 0.00	33.90 2.34 0.00	32.67 2.39 -0.45	31.73 2.31 -0.94	30.85 2.27 -0.89	31.10 2.24 -1.84	31.69 1.84 -7.46	36.63 2.15 -7.58	48.19 2.83 -12.49	48.94 3.53 -3.82	56.57 4.10 0.00	63.56 4.27 0.00	51.77 3.52 0.00	48.04 3.53 -0.37	41.54 2.61 0.00
PORT_JEFF_3 23555	36.92 3.20 -0.01	35.83 2.87 0.00	33.61 2.46 0.00	34.50 2.64 0.00	35.62 2.94 0.00	37.89 3.13 -0.01	50.42 3.86 0.00	50.86 3.94 0.00	40.84 2.99 0.00	35.66 2.33 0.00	34.06 2.49 0.00	32.67 2.39 -0.46	31.74 2.31 -0.95	30.89 2.30 -0.91	31.16 2.27 -1.87	31.78 1.86 -7.52	37.45 2.91 -7.64	49.28 3.71 -12.70	52.14 4.70 -5.85	57.67 5.20 -0.01	64.56 5.27 0.00	53.08 4.82 -0.01	49.35 4.85 -0.36	42.71 3.78 -0.01
PORT_JEFF_4 23616	36.92 3.20 -0.01	35.83 2.87 0.00	33.61 2.46 0.00	34.50 2.64 0.00	35.62 2.94 0.00	37.89 3.13 -0.01	50.42 3.86 0.00	50.86 3.94 0.00	40.84 2.99 0.00	35.66 2.33 0.00	34.06 2.49 0.00	32.67 2.39 -0.46	31.74 2.31 -0.95	30.89 2.30 -0.91	31.16 2.27 -1.87	31.78 1.86 -7.52	37.45 2.91 -7.64	49.28 3.71 -12.70	52.14 4.70 -5.85	57.67 5.20 -0.01	64.56 5.27 0.00	53.08 4.82 -0.01	49.35 4.85 -0.36	42.71 3.78 -0.01
PORT_JEFF_IC 23713	36.98 3.27 -0.01	35.83 2.87 0.00	33.61 2.46 0.00	34.57 2.71 0.00	35.55 2.88 0.00	37.99 3.23 -0.01	50.52 3.96 0.00	50.95 4.03 0.00	40.88 3.03 0.00	35.72 2.40 0.00	34.12 2.56 0.00	32.70 2.42 -0.46	31.77 2.34 -0.95	30.95 2.35 -0.91	31.21 2.32 -1.87	31.83 1.90 -7.52	37.54 2.99 -7.65	49.41 3.81 -12.73	52.32 4.87 -5.86	57.83 5.35 -0.01	64.74 5.45 0.00	53.32 5.07 -0.01	49.49 4.99 -0.37	42.83 3.89 -0.01
PPL PILGRIM_ST_GT1 24216	36.92 3.20 -0.01	35.83 2.87 0.00	33.64 2.49 0.00	34.50 2.64 0.00	35.62 2.94 0.00	37.89 3.13 -0.01	50.47 3.91 0.00	50.90 3.99 0.00	40.88 3.03 0.00	35.69 2.37 0.00	34.12 2.56 0.00	32.73 2.45 -0.46	31.80 2.36 -0.95	30.98 2.38 -0.91	31.24 2.35 -1.87	31.84 1.93 -7.52	37.50 2.96 -7.64	49.38 3.81 -12.70	52.21 4.74 -5.88	57.67 5.20 -0.01	64.56 5.27 0.00	53.08 4.82 -0.01	49.40 4.90 -0.36	42.76 3.82 -0.01
PPL PILGRIM_ST_GT2 24217	36.92 3.20 -0.01	35.83 2.87 0.00	33.64 2.49 0.00	34.50 2.64 0.00	35.62 2.94 0.00	37.89 3.13 -0.01	50.47 3.91 0.00	50.90 3.99 0.00	40.88 3.03 0.00	35.69 2.37 0.00	34.12 2.56 0.00	32.73 2.45 -0.46	31.80 2.36 -0.95	30.98 2.38 -0.91	31.24 2.35 -1.87	31.84 1.93 -7.52	37.50 2.96 -7.64	49.38 3.81 -12.70	52.21 4.74 -5.88	57.67 5.20 -0.01	64.56 5.27 0.00	53.08 4.82 -0.01	49.40 4.90 -0.36	42.76 3.82 -0.01
PPL_SHRM_GT3 24213	36.98 3.27 -0.01	35.87 2.90 0.00	33.64 2.49 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.96 3.20 -0.01	50.47 3.91 0.00	50.95 4.04 0.00	40.88 3.03 0.00	35.66 2.33 0.00	34.06 2.49 0.00	32.64 2.36 -0.46	31.69 2.25 -0.95	30.84 2.24 -0.91	31.10 2.22 -1.87	31.73 1.81 -7.52	37.45 2.91 -7.64	49.25 3.68 -12.70	52.23 4.78 -5.85	57.78 5.30 -0.01	64.62 5.34 0.00	53.23 4.97 -0.01	49.44 4.94 -0.36	42.79 3.85 -0.01
PPL_SHRM_GT4 24214	36.98 3.27 -0.01	35.87 2.90 0.00	33.64 2.49 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.96 3.20 -0.01	50.47 3.91 0.00	50.95 4.04 0.00	40.88 3.03 0.00	35.66 2.33 0.00	34.06 2.49 0.00	32.64 2.36 -0.46	31.69 2.25 -0.95	30.84 2.24 -0.91	31.10 2.22 -1.87	31.73 1.81 -7.52	37.45 2.91 -7.64	49.25 3.68 -12.70	52.23 4.78 -5.85	57.78 5.30 -0.01	64.62 5.34 0.00	53.23 4.97 -0.01	49.44 4.94 -0.36	42.79 3.85 -0.01
PROJECT___ORANGE 1 24174	33.47 -0.24 0.00	32.73 -0.23 0.00	30.96 -0.19 0.00	31.64 -0.22 0.00	32.48 -0.20 0.00	34.54 -0.21 0.00	46.28 -0.28 0.00	46.96 0.05 0.00	37.93 0.08 0.00	33.39 0.07 0.00	31.56 0.00 0.00	29.78 -0.09 -0.04	28.46 -0.11 -0.09	27.72 -0.06 -0.09	27.09 -0.11 -0.18	23.02 -0.11 -0.73	27.48 -0.16 -0.74	33.45 -0.36 -0.94	41.31 -0.50 -0.22	52.00 -0.47 0.00	58.99 -0.30 0.00	47.81 -0.43 0.00	43.25 -0.53 0.36	38.39 -0.55 0.00
PROJECT___ORANGE 2 24166	33.47 -0.24 0.00	32.73 -0.23 0.00	30.96 -0.19 0.00	31.64 -0.22 0.00	32.48 -0.20 0.00	34.54 -0.21 0.00	46.28 -0.28 0.00	46.96 0.05 0.00	37.93 0.08 0.00	33.39 0.07 0.00	31.56 0.00 0.00	29.78 -0.09 -0.04	28.46 -0.11 -0.09	27.72 -0.06 -0.09	27.09 -0.11 -0.18	23.02 -0.11 -0.73	27.48 -0.16 -0.74	33.45 -0.36 -0.94	41.31 -0.50 -0.22	52.00 -0.47 0.00	58.99 -0.30 0.00	47.81 -0.43 0.00	43.25 -0.53 0.36	38.39 -0.55 0.00
PUCKETT___SOLAR 323809	34.53 0.81 -0.02	33.69 0.72 0.00	31.90 0.75 -0.01	32.61 0.73 -0.02	33.54 0.85 -0.02	35.63 0.87 -0.01	48.11 1.53 -0.02	48.42 1.50 -0.01	38.81 0.95 -0.01	34.09 0.77 0.00	32.14 0.57 -0.01	30.42 0.42 -0.18	29.21 0.37 -0.36	28.39 0.36 -0.34	28.07 0.35 -0.71	25.86 0.36 -3.10	30.56 0.51 -3.15	39.28 0.76 -5.65	44.72 1.08 -2.04	54.01 1.52 -0.02	61.19 1.90 -0.01	49.71 1.45 -0.02	47.43 1.28 -2.01	39.88 0.93 -0.02
PYRITES___HYD 24023	32.66 -1.04 0.00	32.07 -0.89 0.00	30.22 -0.93 0.00	30.94 -0.92 0.00	31.82 -0.85 0.00	33.99 -0.76 0.00	45.77 -0.79 0.00	45.56 -1.36 0.00	36.38 -1.48 0.00	31.99 -1.33 0.00	30.14 -1.42 0.00	28.55 -1.28 -0.01	27.27 -1.22 -0.02	26.35 -1.36 -0.02	25.80 -1.24 -0.03	21.52 -1.01 -0.13	25.93 -1.10 -0.13	31.87 -1.22 -0.22	40.41 -1.25 -0.07	51.16 -1.31 0.00	57.80 -1.48 0.00	47.18 -1.06 0.00	43.08 -1.06 0.00	38.19 -0.74 0.00
QUAKERRD_115KV_BK1 80622	32.01 -1.69 0.01	31.48 -1.48 0.00	29.74 -1.40 0.00	30.32 -1.53 0.01	31.20 -1.47 0.01	33.19 -1.56 0.00	43.99 -2.56 0.01	44.75 -2.16 0.01	36.33 -1.51 0.01	32.19 -1.13 0.00	30.07 -1.48 0.01	28.06 -1.79 -0.03	26.89 -1.65 -0.06	26.28 -1.47 -0.06	25.66 -1.49 -0.13	21.60 -1.32 -0.52	25.78 -1.64 -0.53	31.21 -2.40 -0.74	38.73 -2.95 -0.09	49.16 -3.31 0.01	56.32 -2.96 0.00	45.15 -3.09 0.01	39.91 -3.35 0.87	36.04 -2.88 0.01
QUENSBRY_115KV_TB8 356137	35.83 2.12 0.00	34.98 2.01 0.00	32.99 1.84 0.00	33.83 1.98 0.00	34.67 1.99 0.00	36.94 2.19 0.00	49.96 3.40 0.00	50.06 3.14 0.00	39.97 2.12 0.00	34.96 1.63 0.00	33.08 1.52 0.00	31.82 1.46 -0.54	30.99 1.40 -1.11	30.04 1.30 -1.05	30.41 1.22 -2.18	32.27 1.12 -8.75	37.11 1.32 -8.89	48.85 1.48 -14.50	48.25 2.29 -4.37	55.83 3.36 0.00	62.96 3.68 0.00	51.24 2.99 0.00	46.87 2.74 0.00	41.03 2.10 0.00
RAMAPO___LBMP 323565	35.76 2.06 0.00	34.78 1.81 0.00	32.83 1.68 0.00	33.61 1.75 0.00	34.44 1.76 0.00	36.70 1.95 0.00	49.22 2.65 0.00	49.78 2.86 0.00	40.32 2.46 0.00	35.46 2.13 0.00	33.81 2.24 0.00	32.54 2.27 -0.45	31.61 2.19 -0.93	30.76 2.19 -0.89	31.01 2.16 -1.83	31.52 1.75 -7.37	36.45 2.07 -7.48	48.04 2.70 -12.48	48.77 3.37 -3.81	56.35 3.88 0.00	63.38 4.09 0.00	51.67 3.43 0.00	47.87 3.35 -0.38	41.42 2.49 0.00



RANKINE____ 23646	31.36 -2.33 0.02	31.02 -1.94 0.00	29.24 -1.90 0.01	29.87 -1.98 0.02	30.66 -1.99 0.02	32.35 -2.40 0.01	43.19 -3.35 0.02	44.04 -2.86 0.02	35.57 -2.27 0.02	31.72 -1.60 0.00	29.56 -1.99 0.02	27.66 -2.18 -0.01	26.48 -2.05 -0.05	25.85 -1.88 -0.05	25.32 -1.81 -0.12	21.37 -1.48 -0.45	25.47 -1.88 -0.46	31.01 -2.56 -0.71	38.38 -3.20 0.01	48.15 -4.30 0.02	54.89 -4.39 0.01	44.51 -3.71 0.02	39.29 -3.40 1.45	35.84 -3.08 0.02
RAVENSWOOD_GT2_1 24244	35.96 2.26 0.00	34.94 1.98 0.00	32.96 1.81 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.40 2.84 0.00	50.11 3.19 0.00	40.62 2.76 0.00	35.79 2.47 0.00	34.15 2.59 0.00	32.94 2.65 -0.46	32.00 2.56 -0.95	31.14 2.55 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.88 2.34 -7.64	48.65 3.06 -12.72	49.25 3.78 -3.88	56.77 4.30 0.00	63.79 4.51 0.00	51.96 3.71 0.00	48.29 3.80 -0.36	41.73 2.80 0.00
RAVENSWOOD_GT2_2 24245	35.96 2.26 0.00	34.94 1.98 0.00	32.96 1.81 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.40 2.84 0.00	50.11 3.19 0.00	40.62 2.76 0.00	35.79 2.47 0.00	34.15 2.59 0.00	32.94 2.65 -0.46	32.00 2.56 -0.95	31.14 2.55 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.88 2.34 -7.64	48.65 3.06 -12.72	49.25 3.78 -3.88	56.77 4.30 0.00	63.79 4.51 0.00	51.96 3.71 0.00	48.29 3.80 -0.36	41.73 2.80 0.00
RAVENSWOOD_GT2_3 24246	36.00 2.29 0.00	34.98 2.01 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.66 2.80 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.94 2.65 -0.46	32.03 2.59 -0.95	31.14 2.55 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.91 2.37 -7.64	48.68 3.09 -12.72	49.30 3.83 -3.88	56.82 4.35 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.34 3.84 -0.36	41.73 2.80 0.00
RAVENSWOOD_GT2_4 24247	36.00 2.29 0.00	34.98 2.01 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.66 2.80 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.94 2.65 -0.46	32.03 2.59 -0.95	31.14 2.55 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.91 2.37 -7.64	48.68 3.09 -12.72	49.30 3.83 -3.88	56.82 4.35 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.34 3.84 -0.36	41.73 2.80 0.00
RAVENSWOOD_GT3_1 24248	36.00 2.29 0.00	34.98 2.01 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.66 2.80 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.94 2.65 -0.46	32.03 2.59 -0.95	31.14 2.55 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.91 2.37 -7.64	48.68 3.09 -12.72	49.30 3.83 -3.88	56.82 4.35 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.29 3.80 -0.36	41.69 2.76 0.00
RAVENSWOOD_GT3_2 24249	36.00 2.29 0.00	34.98 2.01 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.66 2.80 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.94 2.65 -0.46	32.03 2.59 -0.95	31.14 2.55 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.91 2.37 -7.64	48.68 3.09 -12.72	49.30 3.83 -3.88	56.82 4.35 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.29 3.80 -0.36	41.69 2.76 0.00
RAVENSWOOD_GT3_3 24250	36.03 2.33 0.00	35.01 2.04 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.91 2.15 0.00	49.49 2.93 0.00	50.20 3.28 0.00	40.69 2.84 0.00	35.86 2.53 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.06 2.62 -0.95	31.20 2.60 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.94 2.39 -7.64	48.75 3.16 -12.72	49.34 3.87 -3.88	56.93 4.46 0.00	63.91 4.62 0.00	52.06 3.81 0.00	48.38 3.88 -0.36	41.77 2.84 0.00
RAVENSWOOD_GT3_4 24251	36.03 2.33 0.00	35.01 2.04 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.91 2.15 0.00	49.49 2.93 0.00	50.20 3.28 0.00	40.69 2.84 0.00	35.86 2.53 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.06 2.62 -0.95	31.20 2.60 -0.91	31.43 2.54 -1.87	32.01 2.08 -7.52	36.94 2.39 -7.64	48.75 3.16 -12.72	49.34 3.87 -3.88	56.93 4.46 0.00	63.91 4.62 0.00	52.06 3.81 0.00	48.38 3.88 -0.36	41.77 2.84 0.00
RAVENSWOOD_GT_1 23729	36.03 2.33 0.00	35.01 2.04 0.00	33.05 1.90 0.00	33.84 1.98 0.00	34.70 2.03 0.00	36.87 2.12 0.00	49.40 2.84 0.00	50.11 3.19 0.00	40.66 2.80 0.00	35.86 2.53 0.00	34.25 2.68 0.00	33.03 2.74 -0.46	32.11 2.68 -0.95	31.25 2.66 -0.91	31.45 2.57 -1.87	32.03 2.11 -7.52	36.96 2.42 -7.64	48.72 3.12 -12.72	49.25 3.78 -3.88	56.77 4.30 0.00	63.73 4.45 0.00	51.96 3.71 0.00	48.25 3.75 -0.36	41.66 2.73 0.00
RAVENSWOOD_GT_10 24258	35.96 2.26 0.00	34.94 1.98 0.00	32.96 1.81 0.00	33.74 1.88 0.00	34.60 1.93 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.62 2.76 0.00	35.79 2.47 0.00	34.15 2.59 0.00	32.94 2.65 -0.46	32.00 2.56 -0.95	31.14 2.55 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.88 2.34 -7.64	48.65 3.06 -12.72	49.25 3.78 -3.88	56.77 4.30 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.34 3.84 -0.36	41.73 2.80 0.00
RAVENSWOOD_GT_11 24259	35.96 2.26 0.00	34.94 1.98 0.00	32.96 1.81 0.00	33.74 1.88 0.00	34.60 1.93 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.62 2.76 0.00	35.79 2.47 0.00	34.15 2.59 0.00	32.94 2.65 -0.46	32.00 2.56 -0.95	31.14 2.55 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.88 2.34 -7.64	48.65 3.06 -12.72	49.25 3.78 -3.88	56.77 4.30 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.34 3.84 -0.36	41.73 2.80 0.00
RAVENSWOOD_GT_4 24252	36.00 2.29 0.00	34.97 2.01 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.40 2.84 0.00	50.11 3.19 0.00	40.62 2.76 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.68 -0.46	32.03 2.59 -0.95	31.17 2.57 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.91 2.37 -7.64	48.68 3.09 -12.72	49.25 3.78 -3.87	56.77 4.30 0.00	63.73 4.45 0.00	51.96 3.71 0.00	48.29 3.80 -0.36	41.69 2.76 0.00
RAVENSWOOD_GT_5 24254	36.00 2.29 0.00	34.97 2.01 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.40 2.84 0.00	50.11 3.19 0.00	40.62 2.76 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.68 -0.46	32.03 2.59 -0.95	31.17 2.57 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.91 2.37 -7.64	48.68 3.09 -12.72	49.25 3.78 -3.87	56.77 4.30 0.00	63.73 4.45 0.00	51.96 3.71 0.00	48.29 3.80 -0.36	41.69 2.76 0.00
RAVENSWOOD_GT_6 24253	36.00 2.29 0.00	34.97 2.01 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.40 2.84 0.00	50.11 3.19 0.00	40.62 2.76 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.68 -0.46	32.03 2.59 -0.95	31.17 2.57 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.91 2.37 -7.64	48.68 3.09 -12.72	49.25 3.78 -3.87	56.77 4.30 0.00	63.73 4.45 0.00	51.96 3.71 0.00	48.29 3.80 -0.36	41.69 2.76 0.00

RAVENSWOOD_GT_7 24255	36.00 2.29 0.00	34.97 2.01 0.00	32.99 1.84 0.00	33.77 1.91 0.00	34.63 1.96 0.00	36.87 2.12 0.00	49.40 2.84 0.00	50.11 3.19 0.00	40.62 2.76 0.00	35.82 2.50 0.00	34.18 2.62 0.00	32.97 2.68 -0.46	32.03 2.59 -0.95	31.17 2.57 -0.91	31.40 2.51 -1.87	31.98 2.06 -7.52	36.91 2.37 -7.64	48.68 3.09 -12.72	49.25 3.78 -3.87	56.77 4.30 0.00	63.73 4.45 0.00	51.96 3.71 0.00	48.29 3.80 -0.36	41.69 2.76 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.96 2.26 0.00	34.94 1.98 0.00	32.96 1.81 0.00	33.74 1.88 0.00	34.60 1.93 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.62 2.76 0.00	35.79 2.47 0.00	34.15 2.59 0.00	32.94 2.65 -0.46	32.00 2.56 -0.95	31.14 2.55 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.88 2.34 -7.64	48.65 3.06 -12.72	49.25 3.78 -3.88	56.77 4.30 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.34 3.84 -0.36	41.73 2.80 0.00
RAVENSWOOD_GT_9 24257	35.96 2.26 0.00	34.94 1.98 0.00	32.96 1.81 0.00	33.74 1.88 0.00	34.60 1.93 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.62 2.76 0.00	35.79 2.47 0.00	34.15 2.59 0.00	32.94 2.65 -0.46	32.00 2.56 -0.95	31.14 2.55 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.88 2.34 -7.64	48.65 3.06 -12.72	49.25 3.78 -3.88	56.77 4.30 0.00	63.79 4.51 0.00	52.01 3.76 0.00	48.34 3.84 -0.36	41.73 2.80 0.00
RAVENSWOOD___1 23533	36.03 2.32 0.00	35.11 2.14 0.00	33.15 2.00 0.00	33.80 1.94 0.00	34.83 2.16 0.00	36.87 2.12 0.00	49.35 2.79 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.86 2.53 0.00	34.22 2.65 0.00	33.03 2.74 -0.46	32.09 2.65 -0.95	31.23 2.63 -0.91	31.45 2.57 -1.87	32.02 2.10 -7.52	36.93 2.39 -7.64	48.65 3.09 -12.69	49.25 3.78 -3.87	56.77 4.30 0.00	63.73 4.45 0.00	51.87 3.62 0.00	48.24 3.75 -0.36	41.65 2.72 0.00
RAVENSWOOD___2 23534	36.00 2.29 0.00	35.08 2.11 0.00	33.15 2.00 0.00	33.80 1.94 0.00	34.80 2.12 0.00	36.84 2.09 0.00	49.35 2.79 0.00	50.06 3.14 0.00	40.70 2.84 0.00	35.86 2.53 0.00	34.22 2.65 0.00	33.03 2.74 -0.46	32.09 2.65 -0.95	31.23 2.63 -0.91	31.45 2.57 -1.87	32.02 2.10 -7.52	36.93 2.39 -7.64	48.65 3.09 -12.69	49.21 3.74 -3.87	56.72 4.25 0.00	63.73 4.45 0.00	51.87 3.62 0.00	48.24 3.75 -0.36	41.65 2.72 0.00
RAVENSWOOD___3 23535	36.00 2.29 0.00	35.04 2.08 0.00	33.05 1.90 0.00	33.77 1.91 0.00	34.77 2.09 0.00	36.87 2.12 0.00	49.45 2.89 0.00	50.11 3.19 0.00	40.70 2.84 0.00	35.79 2.47 0.00	34.18 2.62 0.00	32.94 2.65 -0.46	32.03 2.59 -0.95	31.14 2.55 -0.91	31.37 2.48 -1.87	31.95 2.04 -7.52	36.90 2.37 -7.64	48.65 3.09 -12.69	49.25 3.78 -3.87	56.82 4.35 0.00	63.79 4.50 0.00	51.96 3.72 0.00	48.29 3.80 -0.36	41.73 2.80 0.00
RAVENSWOOD___4 23820	36.00 2.29 0.00	35.08 2.11 0.00	33.11 1.96 0.00	33.80 1.94 0.00	34.80 2.12 0.00	36.84 2.09 0.00	49.35 2.79 0.00	50.06 3.14 0.00	40.66 2.80 0.00	35.82 2.50 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.09 2.65 -0.95	31.23 2.63 -0.91	31.45 2.57 -1.87	32.00 2.08 -7.52	36.93 2.39 -7.64	48.65 3.09 -12.69	49.21 3.74 -3.87	56.72 4.25 0.00	63.67 4.39 0.00	51.87 3.62 0.00	48.20 3.71 -0.35	41.61 2.68 0.00
RCPL_TRUST___DRP 24196	36.07 2.36 0.00	35.01 2.04 0.00	33.02 1.87 0.00	33.83 1.98 0.00	34.70 2.03 0.00	36.94 2.19 0.00	49.54 2.98 0.00	50.25 3.33 0.00	40.77 2.91 0.00	35.89 2.57 0.00	34.25 2.68 0.00	33.03 2.74 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.03 2.11 -7.52	36.96 2.42 -7.64	48.78 3.19 -12.72	49.38 3.91 -3.88	56.98 4.51 0.00	63.97 4.68 0.00	52.11 3.86 0.00	48.38 3.88 -0.36	41.77 2.84 0.00
RED___ROCHESTER 323720	32.75 -0.94 0.01	32.11 -0.86 0.00	30.27 -0.87 0.00	31.02 -0.83 0.01	31.26 -1.40 0.01	33.95 -0.80 0.00	44.97 -1.58 0.01	45.83 -1.08 0.01	37.12 -0.72 0.01	33.02 -0.30 0.00	30.77 -0.79 0.01	28.65 -1.19 -0.02	27.46 -1.08 -0.06	26.83 -0.91 -0.06	26.14 -1.00 -0.13	22.06 -0.87 -0.53	26.31 -1.13 -0.54	31.76 -1.81 -0.70	39.50 -2.16 -0.07	50.10 -2.36 0.01	57.62 -1.66 0.00	46.11 -2.12 0.01	40.64 -2.56 0.93	36.70 -2.22 0.01
REGAN___SOLAR 323812	35.66 1.95 0.00	34.81 1.84 0.00	32.86 1.71 0.00	33.61 1.75 0.00	34.57 1.89 0.00	36.73 1.98 0.00	49.45 2.89 0.00	49.03 2.11 0.00	38.54 0.68 0.00	33.49 0.17 0.00	31.63 0.06 0.00	30.48 0.09 -0.56	29.73 0.09 -1.16	28.79 0.00 -1.10	29.29 0.00 -2.27	31.76 0.16 -9.20	36.81 0.57 -9.35	49.15 0.92 -15.36	48.22 1.87 -4.75	55.67 3.20 0.00	62.90 3.62 0.00	51.14 2.89 0.00	47.23 2.78 -0.31	41.07 2.14 0.00
RENSSELAER___COGEN 23796	34.92 1.21 0.00	34.09 1.12 0.00	32.24 1.09 0.00	32.97 1.11 0.00	33.85 1.17 0.00	35.69 0.94 0.00	47.77 1.21 0.00	48.18 1.27 0.00	38.91 1.06 0.00	34.16 0.83 0.00	32.45 0.88 0.00	31.27 0.93 -0.52	30.39 0.83 -1.08	29.52 0.80 -1.03	29.92 0.78 -2.12	31.60 0.67 -8.53	36.35 0.78 -8.67	48.14 0.95 -14.31	47.18 1.33 -4.25	54.04 1.57 0.00	60.89 1.60 0.00	49.60 1.35 0.00	45.64 1.50 0.00	40.02 1.09 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.77 3.07 0.00	35.90 2.93 0.00	33.83 2.68 0.00	34.69 2.84 0.00	35.58 2.91 0.00	37.95 3.20 0.00	51.45 4.89 0.00	51.28 4.36 0.00	40.73 2.88 0.00	35.46 2.13 0.00	33.46 1.89 0.00	32.15 1.79 -0.54	31.27 1.68 -1.11	30.29 1.55 -1.05	30.65 1.46 -2.18	32.54 1.39 -8.75	37.43 1.64 -8.89	49.34 1.97 -14.50	49.21 3.24 -4.37	57.45 4.98 0.00	64.86 5.57 0.00	52.78 4.54 0.00	48.20 4.06 0.00	42.12 3.19 0.00
REVERE_CPPR_DRP 24186	34.31 0.61 0.00	33.53 0.56 0.00	31.74 0.59 0.00	32.40 0.54 0.00	33.43 0.75 0.00	35.55 0.80 0.00	47.82 1.26 0.00	48.18 1.27 0.00	38.65 0.79 0.00	33.96 0.63 0.00	32.04 0.47 0.00	30.09 0.24 -0.03	28.77 0.23 -0.06	27.96 0.22 -0.05	27.37 0.24 -0.11	22.98 0.13 -0.44	27.62 0.27 -0.45	34.10 0.49 -0.74	42.80 1.00 -0.21	53.99 1.52 0.00	61.42 2.13 0.00	49.79 1.54 0.00	45.50 1.37 0.00	40.02 1.09 0.00
REYNLDDPA_13_KV_LD 356490	33.34 -0.37 0.00	32.74 -0.23 0.00	30.84 -0.31 0.00	31.60 -0.26 0.00	32.41 -0.26 0.00	34.58 -0.17 0.00	46.37 -0.19 0.00	46.45 -0.47 0.00	37.44 -0.42 0.00	33.06 -0.27 0.00	31.25 -0.32 0.00	29.58 -0.24 0.00	28.28 -0.20 0.00	27.38 -0.30 0.00	26.77 -0.24 0.00	22.22 -0.18 0.00	26.71 -0.19 0.00	32.64 -0.23 0.00	41.22 -0.38 0.00	52.05 -0.42 0.00	58.16 -1.13 0.00	47.91 -0.34 0.00	43.78 -0.35 0.00	38.81 -0.12 0.00
REYNOLDS_115KV_TB3 80639	35.12 1.42 0.00	34.28 1.32 0.00	32.40 1.25 0.00	33.17 1.31 0.00	33.95 1.27 0.00	35.97 1.22 0.00	48.19 1.63 0.00	48.61 1.69 0.00	39.26 1.40 0.00	34.42 1.10 0.00	32.73 1.17 0.00	31.51 1.16 -0.53	30.68 1.11 -1.08	29.80 1.08 -1.03	30.20 1.05 -2.13	31.85 0.90 -8.55	36.64 1.05 -8.69	48.51 1.28 -14.36	47.66 1.71 -4.36	54.52 2.05 0.00	61.48 2.19 0.00	50.08 1.83 0.00	46.30 1.90 -0.26	40.33 1.40 0.00

RIVERBAY____ 323610	36.47 2.76 0.00	35.44 2.47 0.00	33.52 2.37 0.00	34.28 2.42 0.00	35.19 2.52 0.00	37.26 2.50 0.00	49.82 3.26 0.00	50.58 3.66 0.00	41.00 3.14 0.00	36.16 2.83 0.00	34.47 2.90 0.00	33.30 3.01 -0.46	32.34 2.91 -0.95	31.45 2.85 -0.91	31.64 2.76 -1.87	32.19 2.26 -7.52	37.12 2.58 -7.64	48.94 3.35 -12.72	49.59 4.12 -3.88	57.24 4.77 0.00	64.26 4.98 0.00	52.35 4.10 0.00	48.60 4.10 -0.36	41.97 3.04 0.00
RIVERSDE_115KV_TB3 55908	35.05 1.35 0.00	34.18 1.22 0.00	32.30 1.15 0.00	33.07 1.21 0.00	33.88 1.21 0.00	35.87 1.11 0.00	48.00 1.44 0.00	48.42 1.50 0.00	39.10 1.25 0.00	34.29 0.97 0.00	32.61 1.04 0.00	31.39 1.04 -0.53	30.54 0.97 -1.09	29.66 0.94 -1.03	30.06 0.92 -2.13	31.75 0.78 -8.56	36.51 0.91 -8.70	48.37 1.12 -14.38	47.50 1.54 -4.36	54.31 1.84 0.00	61.18 1.90 0.00	49.89 1.64 0.00	46.07 1.68 -0.26	40.18 1.25 0.00
ROARING__BROOK_WT_PWR 323790	33.00 -0.71 0.00	32.27 -0.69 0.00	30.49 -0.66 0.00	31.22 -0.64 0.00	32.05 -0.62 0.00	34.13 -0.62 0.00	45.77 -0.79 0.00	46.16 -0.75 0.00	37.29 -0.57 0.00	32.76 -0.57 0.00	31.00 -0.57 0.00	29.29 -0.54 0.00	27.94 -0.54 0.00	27.13 -0.55 0.00	26.45 -0.57 0.00	21.93 -0.47 0.00	26.33 -0.57 0.00	32.24 -0.63 0.00	40.85 -0.75 0.00	51.63 -0.84 0.00	58.22 -1.07 0.00	47.38 -0.87 0.00	43.30 -0.84 0.00	38.19 -0.74 0.00
ROCHESRG_115KV_T4 355643	32.38 -1.31 0.01	31.91 -1.05 0.00	30.15 -1.00 0.00	30.70 -1.15 0.01	31.59 -1.08 0.01	33.57 -1.18 0.00	44.41 -2.14 0.01	45.22 -1.69 0.01	36.75 -1.10 0.01	32.62 -0.70 0.00	30.42 -1.14 0.01	28.30 -1.55 -0.02	27.12 -1.42 -0.06	26.56 -1.19 -0.06	25.93 -1.22 -0.13	21.82 -1.08 -0.50	26.03 -1.37 -0.50	31.45 -2.14 -0.72	39.01 -2.66 -0.08	49.57 -2.89 0.01	56.91 -2.37 0.00	45.53 -2.70 0.01	40.22 -3.00 0.92	36.35 -2.57 0.01
ROCHESTER_9_IC 23652	32.58 -1.11 0.01	32.11 -0.86 0.00	30.30 -0.84 0.00	30.89 -0.96 0.01	31.81 -0.85 0.01	33.81 -0.94 0.00	44.73 -1.82 0.01	45.59 -1.31 0.01	37.01 -0.83 0.01	32.86 -0.47 0.00	30.61 -0.95 0.01	28.51 -1.34 -0.02	27.32 -1.22 -0.06	26.72 -1.02 -0.06	26.06 -1.08 -0.13	21.94 -0.96 -0.50	26.17 -1.24 -0.51	31.65 -1.94 -0.72	39.30 -2.37 -0.07	49.94 -2.52 0.01	57.32 -1.96 0.00	45.87 -2.36 0.01	40.47 -2.74 0.93	36.58 -2.34 0.01
ROCKVIEW_13_KV_LD 356306	36.03 2.33 0.00	35.04 2.08 0.00	33.05 1.90 0.00	33.83 1.98 0.00	34.70 2.03 0.00	36.98 2.22 0.00	49.59 3.03 0.00	50.20 3.28 0.00	40.69 2.84 0.00	35.79 2.47 0.00	34.15 2.59 0.00	32.94 2.65 -0.46	32.00 2.56 -0.95	31.11 2.52 -0.91	31.37 2.49 -1.87	31.96 2.04 -7.52	36.91 2.37 -7.64	48.68 3.09 -12.72	49.34 3.87 -3.88	56.93 4.46 0.00	63.97 4.68 0.00	52.15 3.91 0.00	48.34 3.84 -0.36	41.73 2.80 0.00
ROME____115KV_TB2 80656	34.31 0.61 0.00	33.53 0.56 0.00	31.74 0.59 0.00	32.40 0.54 0.00	33.43 0.75 0.00	35.55 0.80 0.00	47.82 1.26 0.00	48.18 1.27 0.00	38.65 0.79 0.00	33.96 0.63 0.00	32.04 0.47 0.00	30.09 0.24 -0.03	28.77 0.23 -0.06	27.96 0.22 -0.05	27.37 0.24 -0.11	22.98 0.13 -0.44	27.62 0.27 -0.45	34.10 0.49 -0.74	42.80 1.00 -0.21	53.99 1.52 0.00	61.42 2.13 0.00	49.79 1.54 0.00	45.50 1.37 0.00	40.02 1.09 0.00
ROSETON____1 23587	35.56 1.85 0.00	34.65 1.68 0.00	32.74 1.59 0.00	33.45 1.59 0.00	34.44 1.76 0.00	36.49 1.74 0.00	48.93 2.37 0.00	49.50 2.58 0.00	40.09 2.23 0.00	35.22 1.90 0.00	33.55 1.99 0.00	32.32 2.03 -0.46	31.40 1.96 -0.96	30.53 1.94 -0.91	30.81 1.92 -1.88	31.50 1.57 -7.53	36.38 1.83 -7.65	47.99 2.40 -12.72	48.51 3.03 -3.88	55.93 3.46 0.00	62.90 3.62 0.00	51.24 2.99 0.00	47.53 3.04 -0.35	41.15 2.22 0.00
ROSETON____2 23588	35.56 1.85 0.00	34.65 1.68 0.00	32.74 1.59 0.00	33.45 1.59 0.00	34.44 1.76 0.00	36.49 1.74 0.00	48.93 2.37 0.00	49.50 2.58 0.00	40.09 2.23 0.00	35.22 1.90 0.00	33.55 1.99 0.00	32.32 2.03 -0.46	31.40 1.96 -0.96	30.53 1.94 -0.91	30.81 1.92 -1.88	31.50 1.57 -7.53	36.38 1.83 -7.65	47.99 2.40 -12.72	48.51 3.03 -3.88	55.93 3.46 0.00	62.90 3.62 0.00	51.24 2.99 0.00	47.53 3.04 -0.35	41.15 2.22 0.00
ROTTDRAM_115KV_TB3 80664	34.89 1.18 0.00	34.05 1.09 0.00	32.18 1.03 0.00	32.94 1.08 0.00	33.75 1.08 0.00	35.90 1.15 0.00	48.19 1.63 0.00	48.51 1.60 0.00	38.99 1.14 0.00	34.22 0.90 0.00	32.48 0.92 0.00	31.26 0.89 -0.54	30.45 0.85 -1.12	29.58 0.83 -1.06	29.99 0.78 -2.19	31.91 0.69 -8.81	36.74 0.89 -8.95	48.59 1.12 -14.60	47.63 1.54 -4.50	54.41 1.94 0.00	61.42 2.13 0.00	50.03 1.79 0.00	46.07 1.68 -0.26	40.22 1.28 0.00
RUSSELL____1 23602	32.75 -0.94 0.01	32.24 -0.73 0.00	30.43 -0.72 0.00	31.02 -0.83 0.01	31.95 -0.72 0.01	33.98 -0.76 0.00	44.97 -1.58 0.01	45.83 -1.08 0.01	37.20 -0.64 0.01	33.02 -0.30 0.00	30.77 -0.79 0.01	28.62 -1.22 -0.02	27.46 -1.08 -0.06	26.83 -0.91 -0.06	26.17 -0.97 -0.13	22.03 -0.87 -0.50	26.28 -1.13 -0.51	31.78 -1.81 -0.72	39.50 -2.16 -0.08	50.15 -2.31 0.01	57.62 -1.66 0.00	46.06 -2.17 0.01	40.65 -2.56 0.93	36.74 -2.18 0.01
RUSSELL____2 23532	32.75 -0.94 0.01	32.24 -0.73 0.00	30.43 -0.72 0.00	31.02 -0.83 0.01	31.95 -0.72 0.01	33.98 -0.76 0.00	44.97 -1.58 0.01	45.83 -1.08 0.01	37.20 -0.64 0.01	33.02 -0.30 0.00	30.77 -0.79 0.01	28.62 -1.22 -0.02	27.46 -1.08 -0.06	26.83 -0.91 -0.06	26.17 -0.97 -0.13	22.03 -0.87 -0.50	26.28 -1.13 -0.51	31.78 -1.81 -0.72	39.50 -2.16 -0.08	50.15 -2.31 0.01	57.62 -1.66 0.00	46.06 -2.17 0.01	40.65 -2.56 0.93	36.74 -2.18 0.01
RUSSELL____3 23549	32.75 -0.94 0.01	32.24 -0.73 0.00	30.43 -0.72 0.00	31.02 -0.83 0.01	31.95 -0.72 0.01	33.98 -0.76 0.00	44.97 -1.58 0.01	45.83 -1.08 0.01	37.20 -0.64 0.01	33.02 -0.30 0.00	30.77 -0.79 0.01	28.62 -1.22 -0.02	27.46 -1.08 -0.06	26.83 -0.91 -0.06	26.17 -0.97 -0.13	22.03 -0.87 -0.50	26.28 -1.13 -0.51	31.78 -1.81 -0.72	39.50 -2.16 -0.08	50.15 -2.31 0.01	57.62 -1.66 0.00	46.06 -2.17 0.01	40.65 -2.56 0.93	36.74 -2.18 0.01
RUSSELL____4 23556	32.75 -0.94 0.01	32.24 -0.73 0.00	30.43 -0.72 0.00	31.02 -0.83 0.01	31.95 -0.72 0.01	33.98 -0.76 0.00	44.97 -1.58 0.01	45.83 -1.08 0.01	37.20 -0.64 0.01	33.02 -0.30 0.00	30.77 -0.79 0.01	28.62 -1.22 -0.02	27.46 -1.08 -0.06	26.83 -0.91 -0.06	26.17 -0.97 -0.13	22.03 -0.87 -0.50	26.28 -1.13 -0.51	31.78 -1.81 -0.72	39.50 -2.16 -0.08	50.15 -2.31 0.01	57.62 -1.66 0.00	46.06 -2.17 0.01	40.65 -2.56 0.93	36.74 -2.18 0.01
RUSSELL__STATION 23914	32.75 -0.94 0.01	32.24 -0.73 0.00	30.43 -0.72 0.00	31.02 -0.83 0.01	31.95 -0.72 0.01	33.98 -0.76 0.00	44.97 -1.58 0.01	45.83 -1.08 0.01	37.20 -0.64 0.01	33.02 -0.30 0.00	30.77 -0.79 0.01	28.62 -1.22 -0.02	27.46 -1.08 -0.06	26.83 -0.91 -0.06	26.17 -0.97 -0.13	22.03 -0.87 -0.50	26.28 -1.13 -0.51	31.78 -1.81 -0.72	39.50 -2.16 -0.08	50.15 -2.31 0.01	57.62 -1.66 0.00	46.06 -2.17 0.01	40.65 -2.56 0.93	36.74 -2.18 0.01

S SALMON___HYD 24043	33.10 -0.61 0.00	32.34 -0.63 0.00	30.59 -0.56 0.00	31.29 -0.57 0.00	32.12 -0.56 0.00	34.30 -0.45 0.00	45.91 -0.65 0.00	46.16 -0.75 0.00	37.10 -0.76 0.00	32.62 -0.70 0.00	30.84 -0.72 0.00	29.08 -0.78 -0.03	27.81 -0.74 -0.07	27.03 -0.72 -0.07	26.45 -0.70 -0.14	22.29 -0.67 -0.56	26.69 -0.78 -0.57	32.70 -0.89 -0.72	40.85 -0.92 -0.17	51.58 -0.89 0.00	58.69 -0.59 0.00	47.62 -0.63 0.00	43.17 -0.66 0.31	38.31 -0.62 0.00
S.PERRY___115KV_TB1 80734	33.28 -0.40 0.02	32.73 -0.23 0.00	30.89 -0.25 0.01	31.55 -0.29 0.02	32.49 -0.16 0.02	34.60 -0.14 0.01	46.07 -0.47 0.02	46.85 -0.05 0.02	37.57 -0.26 0.02	33.22 -0.10 0.00	30.85 -0.69 0.02	28.76 -1.07 -0.01	27.44 -1.08 -0.04	26.78 -0.94 -0.04	26.11 -1.00 -0.10	21.95 -0.90 -0.45	26.28 -1.08 -0.45	32.11 -1.41 -0.66	40.32 -1.21 0.06	51.51 -0.94 0.02	59.22 -0.06 0.01	47.41 -0.82 0.02	41.27 -1.19 1.67	37.78 -1.13 0.02
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.23 -2.46 0.02	30.95 -2.01 0.00	29.18 -1.96 0.01	29.74 -2.10 0.02	30.57 -2.09 0.02	32.24 -2.50 0.01	42.77 -3.77 0.02	43.62 -3.28 0.02	35.42 -2.42 0.02	31.59 -1.73 0.00	29.37 -2.18 0.02	27.34 -2.51 -0.02	26.20 -2.34 -0.05	25.66 -2.08 -0.05	25.11 -2.03 -0.12	21.18 -1.68 -0.46	25.21 -2.15 -0.46	30.49 -3.09 -0.71	37.68 -3.91 0.00	47.57 -4.88 0.02	54.53 -4.74 0.01	43.89 -4.34 0.02	38.63 -4.15 1.36	35.25 -3.66 0.02
SAWYER___23_KV_LOAD 55526	31.23 -2.46 0.02	30.95 -2.01 0.00	29.18 -1.96 0.01	29.74 -2.10 0.02	30.57 -2.09 0.02	32.24 -2.50 0.01	42.77 -3.77 0.02	43.62 -3.28 0.02	35.42 -2.42 0.02	31.59 -1.73 0.00	29.37 -2.18 0.02	27.34 -2.51 -0.02	26.20 -2.34 -0.05	25.66 -2.08 -0.05	25.11 -2.03 -0.12	21.18 -1.68 -0.46	25.21 -2.15 -0.46	30.49 -3.09 -0.71	37.68 -3.91 0.00	47.57 -4.88 0.02	54.53 -4.74 0.01	43.89 -4.34 0.02	38.63 -4.15 1.36	35.25 -3.66 0.02
SELKIRK___I 23801	35.09 1.38 0.00	34.28 1.32 0.00	32.43 1.28 0.00	33.14 1.28 0.00	34.05 1.37 0.00	35.97 1.22 0.00	48.14 1.58 0.00	48.42 1.50 0.00	38.99 1.13 0.00	34.19 0.86 0.00	32.48 0.92 0.00	31.27 0.93 -0.52	30.38 0.83 -1.07	29.51 0.80 -1.02	29.88 0.76 -2.11	31.53 0.67 -8.46	36.27 0.78 -8.59	48.08 1.02 -14.19	47.30 1.50 -4.21	54.41 1.94 0.00	61.42 2.13 0.00	50.03 1.79 0.00	45.95 1.81 0.00	40.29 1.36 0.00
SELKIRK___II 23799	34.85 1.15 0.00	34.05 1.09 0.00	32.21 1.06 0.00	32.91 1.05 0.00	33.82 1.14 0.00	35.73 0.97 0.00	47.82 1.26 0.00	48.23 1.31 0.00	38.95 1.10 0.00	34.19 0.86 0.00	32.48 0.92 0.00	31.30 0.95 -0.52	30.41 0.85 -1.08	29.57 0.86 -1.02	29.97 0.84 -2.11	31.59 0.70 -8.49	36.33 0.81 -8.63	48.14 1.02 -14.25	47.19 1.37 -4.23	54.10 1.63 0.00	61.00 1.72 0.00	49.69 1.45 0.00	45.68 1.54 0.00	40.06 1.13 0.00
SENECA OSWGO___HYD 24041	33.00 -0.71 0.00	32.27 -0.69 0.00	30.49 -0.66 0.00	31.19 -0.67 0.00	31.96 -0.72 0.00	34.09 -0.66 0.00	45.63 -0.93 0.00	46.02 -0.89 0.00	37.13 -0.72 0.00	32.73 -0.60 0.00	30.96 -0.60 0.00	29.20 -0.66 -0.04	27.90 -0.65 -0.07	27.15 -0.61 -0.07	26.57 -0.59 -0.15	22.45 -0.54 -0.59	26.85 -0.65 -0.60	32.83 -0.82 -0.78	40.70 -1.08 -0.19	51.27 -1.20 0.00	58.16 -1.13 0.00	47.18 -1.06 0.00	42.70 -1.10 0.34	37.88 -1.05 0.00
SENECA___115KV_TB3 355854	31.40 -2.29 0.02	30.85 -2.11 0.00	29.27 -1.87 0.01	29.90 -1.94 0.02	30.60 -2.06 0.02	32.35 -2.40 0.01	43.33 -3.21 0.02	44.09 -2.81 0.02	35.60 -2.23 0.02	31.76 -1.57 0.00	29.59 -1.96 0.02	27.75 -2.09 -0.01	26.51 -2.02 -0.05	25.88 -1.85 -0.05	25.32 -1.81 -0.12	21.43 -1.48 -0.51	25.53 -1.88 -0.52	31.01 -2.53 -0.67	38.42 -3.16 0.01	48.15 -4.30 0.02	54.95 -4.33 0.01	44.61 -3.62 0.02	39.33 -3.36 1.45	35.84 -3.08 0.02
SENECA___ENERGY 23797	33.26 -0.44 0.01	32.50 -0.46 0.00	30.74 -0.41 0.00	31.44 -0.42 0.01	32.21 -0.46 0.01	34.44 -0.31 0.00	46.18 -0.37 0.01	47.24 0.33 0.00	38.08 0.23 0.00	33.56 0.23 0.00	31.50 -0.06 0.00	29.60 -0.27 -0.04	28.26 -0.31 -0.10	27.53 -0.25 -0.09	26.91 -0.30 -0.19	22.80 -0.29 -0.69	27.22 -0.38 -0.70	33.08 -0.72 -0.93	40.96 -0.79 -0.16	51.68 -0.79 0.01	58.75 -0.53 0.00	47.52 -0.72 0.01	42.41 -0.88 0.85	38.07 -0.86 0.01
SHOEMAKER___GT 23640	35.46 1.75 0.00	34.58 1.61 0.00	32.68 1.53 0.00	33.36 1.50 0.00	34.34 1.67 0.00	36.42 1.67 0.00	48.84 2.28 0.00	49.36 2.44 0.00	39.94 2.08 0.00	35.06 1.73 0.00	33.36 1.80 0.00	32.11 1.85 -0.44	31.19 1.80 -0.91	30.32 1.77 -0.86	30.55 1.75 -1.78	31.06 1.43 -7.23	35.94 1.70 -7.34	47.26 2.27 -12.12	48.17 2.87 -3.71	55.78 3.31 0.00	62.78 3.50 0.00	51.14 2.89 0.00	47.40 2.87 -0.40	41.03 2.10 0.00
SHOEMAKR_138KV_BK 111 55601	35.46 1.75 0.00	34.51 1.55 0.00	32.62 1.46 0.00	33.39 1.53 0.00	34.21 1.54 0.00	36.42 1.67 0.00	48.84 2.28 0.00	49.36 2.44 0.00	39.90 2.04 0.00	35.09 1.77 0.00	33.40 1.83 0.00	32.14 1.88 -0.44	31.18 1.79 -0.91	30.35 1.80 -0.86	30.57 1.78 -1.78	31.04 1.43 -7.21	35.94 1.72 -7.32	47.25 2.27 -12.11	48.17 2.87 -3.70	55.78 3.31 0.00	62.78 3.50 0.00	51.19 2.94 0.00	47.45 2.91 -0.40	41.07 2.14 0.00
SHOREHAM_IC_1 23715	36.98 3.27 -0.01	35.87 2.90 0.00	33.64 2.49 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.96 3.20 -0.01	50.47 3.91 0.00	50.95 4.04 0.00	40.88 3.03 0.00	35.66 2.33 0.00	34.06 2.49 0.00	32.64 2.36 -0.46	31.69 2.25 -0.95	30.84 2.24 -0.91	31.10 2.22 -1.87	31.73 1.81 -7.52	37.45 2.91 -7.64	49.25 3.68 -12.70	52.23 4.78 -5.85	57.78 5.30 -0.01	64.62 5.34 0.00	53.23 4.97 -0.01	49.44 4.94 -0.36	42.79 3.85 -0.01
SHOREHAM_IC_2 23716	36.98 3.27 -0.01	35.87 2.90 0.00	33.64 2.49 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.96 3.20 -0.01	50.47 3.91 0.00	50.95 4.04 0.00	40.88 3.03 0.00	35.66 2.33 0.00	34.06 2.49 0.00	32.64 2.36 -0.46	31.69 2.25 -0.95	30.84 2.24 -0.91	31.10 2.22 -1.87	31.73 1.81 -7.52	37.45 2.91 -7.64	49.25 3.68 -12.70	52.23 4.78 -5.85	57.78 5.30 -0.01	64.62 5.34 0.00	53.23 4.97 -0.01	49.44 4.94 -0.36	42.79 3.85 -0.01
SISSONVILLE____ 23735	31.92 -1.79 0.00	31.35 -1.62 0.00	29.53 -1.62 0.00	30.23 -1.62 0.00	31.11 -1.57 0.00	33.22 -1.53 0.00	44.65 -1.91 0.00	44.57 -2.35 0.00	35.73 -2.12 0.00	31.49 -1.83 0.00	29.73 -1.83 0.00	28.16 -1.67 -0.01	26.90 -1.59 -0.02	25.99 -1.72 -0.02	25.46 -1.59 -0.04	21.24 -1.30 -0.14	25.56 -1.48 -0.14	31.36 -1.74 -0.24	39.63 -2.04 -0.07	50.11 -2.36 0.00	56.50 -2.79 0.00	46.12 -2.12 0.00	42.15 -1.99 0.00	37.37 -1.56 0.00
SITHE_IND_GS1 24169	32.83 -0.88 0.00	32.11 -0.86 0.00	30.34 -0.81 0.00	31.03 -0.83 0.00	31.76 -0.91 0.00	33.85 -0.90 0.00	45.30 -1.25 0.00	45.70 -1.22 0.00	36.87 -0.98 0.00	32.52 -0.80 0.00	30.78 -0.79 0.00	29.05 -0.80 -0.03	27.77 -0.77 -0.06	27.02 -0.72 -0.05	26.40 -0.73 -0.11	22.24 -0.60 -0.45	26.60 -0.75 -0.46	32.50 -0.99 -0.61	40.37 -1.37 -0.15	50.79 -1.68 0.00	57.56 -1.72 0.00	46.75 -1.50 0.00	42.41 -1.46 0.27	37.57 -1.36 0.00

SITHE_IND_GS2 24170	32.83 -0.88 0.00	32.11 -0.86 0.00	30.34 -0.81 0.00	31.03 -0.83 0.00	31.76 -0.91 0.00	33.85 -0.90 0.00	45.30 -1.25 0.00	45.70 -1.22 0.00	36.87 -0.98 0.00	32.52 -0.80 0.00	30.78 -0.79 0.00	29.05 -0.80 -0.03	27.77 -0.77 -0.06	27.02 -0.72 -0.05	26.40 -0.73 -0.11	22.24 -0.60 -0.45	26.60 -0.75 -0.46	32.50 -0.99 -0.61	40.37 -1.37 -0.15	50.79 -1.68 0.00	57.56 -1.72 0.00	46.75 -1.50 0.00	42.41 -1.46 0.27	37.57 -1.36 0.00
SITHE_IND_GS3 24171	32.83 -0.88 0.00	32.11 -0.86 0.00	30.34 -0.81 0.00	31.03 -0.83 0.00	31.76 -0.91 0.00	33.85 -0.90 0.00	45.30 -1.25 0.00	45.70 -1.22 0.00	36.87 -0.98 0.00	32.52 -0.80 0.00	30.78 -0.79 0.00	29.05 -0.80 -0.03	27.77 -0.77 -0.06	27.02 -0.72 -0.05	26.40 -0.73 -0.11	22.24 -0.60 -0.45	26.60 -0.75 -0.46	32.50 -0.99 -0.61	40.37 -1.37 -0.15	50.79 -1.68 0.00	57.56 -1.72 0.00	46.75 -1.50 0.00	42.41 -1.46 0.27	37.57 -1.36 0.00
SITHE_IND_GS4 24172	32.83 -0.88 0.00	32.11 -0.86 0.00	30.34 -0.81 0.00	31.03 -0.83 0.00	31.76 -0.91 0.00	33.85 -0.90 0.00	45.30 -1.25 0.00	45.70 -1.22 0.00	36.87 -0.98 0.00	32.52 -0.80 0.00	30.78 -0.79 0.00	29.05 -0.80 -0.03	27.77 -0.77 -0.06	27.02 -0.72 -0.05	26.40 -0.73 -0.11	22.24 -0.60 -0.45	26.60 -0.75 -0.46	32.50 -0.99 -0.61	40.37 -1.37 -0.15	50.79 -1.68 0.00	57.56 -1.72 0.00	46.75 -1.50 0.00	42.41 -1.46 0.27	37.57 -1.36 0.00
SITHE___BATAVIA 24024	32.11 -1.58 0.01	31.58 -1.38 0.00	29.87 -1.28 0.01	30.60 -1.24 0.01	30.83 -1.83 0.01	33.25 -1.49 0.01	44.08 -2.47 0.01	44.93 -1.97 0.01	36.29 -1.55 0.01	32.36 -0.97 0.00	29.97 -1.58 0.01	27.87 -1.97 -0.02	26.69 -1.85 -0.06	26.11 -1.63 -0.05	25.46 -1.67 -0.12	21.51 -1.41 -0.52	25.63 -1.80 -0.53	30.93 -2.63 -0.69	38.51 -3.12 -0.04	48.78 -3.67 0.01	56.26 -3.02 0.01	45.05 -3.19 0.01	39.80 -3.18 1.15	35.92 -3.00 0.01
SITHE___INDEPEND 23800	32.83 -0.88 0.00	32.11 -0.86 0.00	30.37 -0.78 0.00	31.03 -0.83 0.00	31.86 -0.82 0.00	33.85 -0.90 0.00	45.30 -1.26 0.00	45.70 -1.22 0.00	36.91 -0.95 0.00	32.52 -0.80 0.00	30.78 -0.79 0.00	29.05 -0.81 -0.03	27.77 -0.77 -0.06	27.02 -0.72 -0.05	26.39 -0.73 -0.11	22.24 -0.60 -0.44	26.60 -0.75 -0.45	32.63 -0.99 -0.74	40.37 -1.37 -0.15	50.79 -1.68 0.00	57.57 -1.72 0.00	46.75 -1.50 0.00	42.41 -1.46 0.26	37.57 -1.36 0.00
SITHE___MASSENA 23902	33.20 -0.50 0.00	32.60 -0.36 0.00	30.71 -0.44 0.00	31.44 -0.42 0.00	32.28 -0.39 0.00	34.44 -0.31 0.00	46.24 -0.32 0.00	46.26 -0.66 0.00	37.21 -0.64 0.00	32.86 -0.47 0.00	31.03 -0.54 0.00	29.38 -0.45 0.00	28.08 -0.40 0.00	27.16 -0.53 0.00	26.55 -0.46 0.00	22.04 -0.36 0.00	26.52 -0.38 0.00	32.41 -0.46 0.00	41.01 -0.58 0.00	51.84 -0.63 0.00	58.33 -0.95 0.00	47.67 -0.58 0.00	43.56 -0.57 0.00	38.62 -0.31 0.00
SITHE___OGDNSBRG 24021	33.03 -0.67 0.00	32.47 -0.49 0.00	30.56 -0.59 0.00	31.29 -0.57 0.00	32.18 -0.49 0.00	34.34 -0.42 0.00	46.19 -0.37 0.00	46.03 -0.89 0.00	36.79 -1.06 0.00	32.36 -0.97 0.00	30.49 -1.07 0.00	28.88 -0.95 -0.01	27.58 -0.91 -0.01	26.65 -1.05 -0.01	26.10 -0.95 -0.03	21.79 -0.72 -0.11	26.23 -0.78 -0.11	32.20 -0.85 -0.18	40.82 -0.83 -0.06	51.68 -0.79 0.00	58.34 -0.95 0.00	47.62 -0.63 0.00	43.52 -0.62 0.00	38.58 -0.35 0.00
SITHE___STERLING 23777	34.28 0.57 0.00	33.52 0.56 0.00	31.71 0.56 0.00	32.40 0.54 0.00	33.33 0.65 0.00	35.48 0.73 0.00	47.67 1.12 0.00	48.09 1.17 0.00	38.61 0.76 0.00	33.96 0.63 0.00	32.04 0.47 0.00	30.15 0.30 -0.03	28.83 0.28 -0.06	28.02 0.28 -0.06	27.44 0.30 -0.12	23.10 0.20 -0.50	27.70 0.30 -0.51	34.12 0.46 -0.79	42.66 0.83 -0.24	53.73 1.26 0.00	61.00 1.72 0.00	49.45 1.21 0.00	45.19 1.06 0.00	39.75 0.82 0.00
SLEIGHT__34_KV_TB1 80719	32.75 -0.94 0.01	32.17 -0.79 0.00	30.40 -0.75 0.00	31.02 -0.83 0.01	31.95 -0.72 0.01	33.99 -0.76 0.00	45.25 -1.30 0.01	46.16 -0.75 0.01	37.36 -0.49 0.01	33.02 -0.30 0.00	30.90 -0.66 0.01	28.87 -0.98 -0.03	27.65 -0.91 -0.08	26.99 -0.78 -0.07	26.34 -0.84 -0.16	22.22 -0.76 -0.58	26.52 -0.97 -0.59	32.13 -1.54 -0.81	39.88 -1.83 -0.12	50.57 -1.89 0.01	57.80 -1.48 0.00	46.40 -1.83 0.01	41.25 -2.07 0.81	37.09 -1.83 0.01
SOUTH CAIRO___GT 23612	35.76 2.06 0.00	34.94 1.98 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.60 1.93 0.00	36.73 1.98 0.00	49.35 2.79 0.00	49.54 2.63 0.00	39.63 1.78 0.00	34.52 1.20 0.00	32.64 1.07 0.00	31.38 1.04 -0.51	30.25 0.71 -1.06	29.38 0.69 -1.00	29.81 0.73 -2.07	31.35 0.63 -8.32	36.21 0.86 -8.45	48.11 1.25 -13.99	47.88 2.04 -4.25	55.78 3.31 0.00	63.02 3.73 0.00	51.29 3.04 0.00	47.33 2.91 -0.28	41.19 2.26 0.00
SOUTH HAMPTN___IC 23720	36.98 3.27 -0.01	35.90 2.93 0.00	33.71 2.55 0.00	34.69 2.83 0.00	35.74 3.07 0.00	38.03 3.27 -0.01	50.56 4.00 0.00	51.19 4.27 0.00	40.99 3.14 0.00	35.79 2.47 0.00	34.18 2.62 0.00	32.70 2.41 -0.46	31.69 2.25 -0.95	30.81 2.22 -0.91	31.07 2.19 -1.87	31.69 1.77 -7.52	37.42 2.88 -7.64	49.12 3.55 -12.70	52.14 4.70 -5.85	57.78 5.30 -0.01	64.62 5.34 0.00	53.23 4.97 -0.01	49.40 4.90 -0.36	42.79 3.85 -0.01
SOUTHDOW__115KV_TB1 355954	32.03 -1.65 0.02	31.58 -1.38 0.00	29.80 -1.34 0.01	30.47 -1.37 0.02	31.18 -1.47 0.02	33.04 -1.70 0.01	44.68 -1.86 0.02	45.63 -1.27 0.02	36.66 -1.17 0.02	32.66 -0.67 0.00	30.50 -1.04 0.02	28.64 -1.19 -0.01	27.33 -1.20 -0.05	26.54 -1.19 -0.05	25.94 -1.19 -0.11	21.90 -0.94 -0.44	26.14 -1.21 -0.45	32.20 -1.38 -0.71	40.02 -1.54 0.04	49.93 -2.52 0.02	56.73 -2.55 0.01	46.25 -1.98 0.02	40.89 -1.63 1.61	37.20 -1.71 0.02
SOUTHOLD_69_KV_BK 2 55809	36.88 3.17 -0.01	35.73 2.77 0.00	33.55 2.40 0.00	34.69 2.84 0.00	35.55 2.88 0.00	37.92 3.16 -0.01	50.47 3.91 0.00	51.19 4.27 0.00	40.96 3.10 0.00	35.76 2.43 0.00	34.22 2.65 -0.46	32.64 2.36 -0.95	31.57 2.14 -0.91	30.67 2.08 -0.91	30.91 2.03 -1.87	31.58 1.66 -7.52	37.32 2.77 -7.65	48.89 3.29 -12.73	51.90 4.45 -5.85	57.57 5.09 -0.01	64.32 5.04 0.00	53.13 4.87 -0.01	49.23 4.72 -0.37	42.68 3.74 -0.01
SOUTHOLD___IC 23719	36.88 3.17 -0.01	35.80 2.84 0.00	33.64 2.49 0.00	34.69 2.83 0.00	35.71 3.04 0.00	37.92 3.16 -0.01	50.47 3.91 0.00	51.19 4.27 0.00	40.96 3.10 0.00	35.76 2.43 0.00	34.22 2.65 -0.46	32.67 2.39 -0.95	31.57 2.14 -0.91	30.67 2.08 -0.91	30.91 2.03 -1.87	31.57 1.66 -7.52	37.31 2.77 -7.64	48.86 3.29 -12.70	51.90 4.45 -5.85	57.52 5.04 -0.01	64.32 5.04 0.00	53.03 4.78 -0.01	49.22 4.72 -0.36	42.68 3.74 -0.01
SOUTH_FORK_WT_PWR 323839	36.58 2.86 -0.01	35.50 2.54 0.00	33.39 2.24 0.00	34.47 2.61 0.00	35.45 2.78 0.00	37.61 2.85 -0.01	50.05 3.49 0.00	50.86 3.94 0.00	40.73 2.88 0.00	35.56 2.23 0.00	34.03 2.46 0.00	32.46 2.18 -0.46	31.32 1.88 -0.95	30.37 1.77 -0.91	30.64 1.75 -1.87	31.33 1.41 -7.52	37.05 2.50 -7.64	48.40 2.83 -12.70	51.35 3.91 -5.85	56.83 4.35 -0.01	63.56 4.27 0.00	52.45 4.20 -0.01	48.74 4.24 -0.36	42.29 3.35 -0.01

SPIERFLS_115KV_TB 1 80737	35.59 1.89 0.00	34.74 1.78 0.00	32.80 1.65 0.00	33.61 1.75 0.00	34.47 1.80 0.00	36.70 1.95 0.00	49.63 3.07 0.00	49.68 2.77 0.00	39.79 1.93 0.00	34.79 1.47 0.00	32.92 1.36 0.00	31.70 1.34 -0.54	30.87 1.28 -1.11	29.93 1.19 -1.05	30.33 1.13 -2.18	32.19 1.03 -8.76	37.03 1.24 -8.90	48.76 1.38 -14.51	48.09 2.12 -4.37	55.57 3.10 0.00	62.66 3.38 0.00	51.04 2.80 0.00	46.65 2.52 0.00	40.88 1.95 0.00
ST LAWRENCE____ 23600	33.13 -0.57 0.00	32.50 -0.46 0.00	30.65 -0.50 0.00	31.35 -0.51 0.00	32.19 -0.49 0.00	34.27 -0.49 0.00	45.95 -0.61 0.00	46.16 -0.75 0.00	37.21 -0.64 0.00	32.79 -0.53 0.00	31.00 -0.57 0.00	29.35 -0.48 0.00	28.05 -0.43 0.00	27.22 -0.47 0.00	26.55 -0.46 0.00	22.04 -0.36 0.00	26.50 -0.40 0.00	32.38 -0.49 0.00	40.93 -0.67 0.00	51.68 -0.79 0.00	58.22 -1.07 0.00	47.52 -0.72 0.00	43.43 -0.71 0.00	38.50 -0.43 0.00
STATE_CA_115KV_115_LB 55624	35.05 1.35 0.00	34.18 1.22 0.00	32.33 1.18 0.00	33.07 1.21 0.00	33.88 1.21 0.00	35.83 1.08 0.00	48.00 1.44 0.00	48.37 1.45 0.00	39.03 1.17 0.00	34.26 0.93 0.00	32.54 0.98 0.00	31.37 1.01 -0.53	30.51 0.94 -1.09	29.64 0.91 -1.04	30.05 0.89 -2.14	31.76 0.76 -8.60	36.53 0.89 -8.74	48.36 1.05 -14.44	47.43 1.46 -4.39	54.25 1.78 0.00	61.12 1.84 0.00	49.84 1.59 0.00	46.03 1.63 -0.26	40.14 1.21 0.00
STATE_ST_34_KV_LOAD 55959	33.67 -0.03 0.01	32.93 -0.03 0.00	31.12 -0.03 0.00	31.79 -0.06 0.01	32.70 0.03 0.01	34.82 0.07 0.00	46.69 0.14 0.01	47.95 1.03 0.00	38.65 0.79 0.00	33.96 0.63 0.00	31.94 0.38 0.00	30.03 0.15 -0.06	28.74 0.14 -0.12	27.97 0.17 -0.11	27.36 0.11 -0.23	23.23 0.04 -0.78	27.75 0.05 -0.79	33.66 -0.26 -1.05	41.61 -0.21 -0.22	52.46 0.00 0.01	59.58 0.30 0.00	48.19 -0.05 0.01	43.24 -0.22 0.68	38.65 -0.27 0.01
STATION 5_MISC_HYD 23604	32.58 -1.11 0.01	31.98 -0.99 0.00	30.15 -1.00 0.00	30.89 -0.95 0.01	31.10 -1.57 0.01	33.78 -0.97 0.00	44.73 -1.82 0.01	45.59 -1.31 0.01	36.94 -0.91 0.01	32.86 -0.47 0.00	30.61 -0.95 0.01	28.54 -1.31 -0.02	27.32 -1.22 -0.06	26.72 -1.02 -0.06	26.06 -1.08 -0.13	21.97 -0.96 -0.53	26.20 -1.24 -0.54	31.63 -1.94 -0.70	39.30 -2.37 -0.07	49.84 -2.62 0.01	57.32 -1.95 0.00	45.87 -2.36 0.01	40.46 -2.74 0.93	36.54 -2.38 0.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.92 -0.78 0.01	32.34 -0.63 0.00	30.52 -0.62 0.00	31.15 -0.70 0.01	32.08 -0.59 0.01	34.12 -0.63 0.00	45.43 -1.12 0.01	46.34 -0.56 0.01	37.50 -0.34 0.01	33.19 -0.13 0.00	31.02 -0.54 0.01	28.99 -0.86 -0.03	27.75 -0.80 -0.06	27.09 -0.66 -0.06	26.42 -0.73 -0.14	22.28 -0.67 -0.55	26.62 -0.83 -0.55	32.25 -1.38 -0.76	40.11 -1.58 -0.09	50.78 -1.68 0.01	58.09 -1.19 0.00	46.64 -1.59 0.01	41.38 -1.85 0.90	37.29 -1.64 0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.42 -1.28 0.01	31.94 -1.02 0.00	30.15 -1.00 0.00	30.73 -1.12 0.01	31.62 -1.05 0.01	33.64 -1.11 0.00	44.55 -2.00 0.01	45.36 -1.55 0.01	36.82 -1.02 0.01	32.69 -0.63 0.00	30.48 -1.07 0.01	28.42 -1.43 -0.02	27.23 -1.31 -0.06	26.61 -1.14 -0.06	25.98 -1.16 -0.13	21.85 -1.05 -0.51	26.09 -1.32 -0.51	31.56 -2.04 -0.73	39.18 -2.50 -0.08	49.73 -2.73 0.01	57.09 -2.19 0.00	45.68 -2.56 0.01	40.36 -2.87 0.91	36.43 -2.49 0.01
STA_56____34_KV_BUS2 355983	32.42 -1.28 0.01	31.94 -1.02 0.00	30.15 -1.00 0.00	30.73 -1.12 0.01	31.62 -1.05 0.01	33.64 -1.11 0.00	44.55 -2.00 0.01	45.36 -1.55 0.01	36.82 -1.02 0.01	32.69 -0.63 0.00	30.48 -1.07 0.01	28.42 -1.43 -0.02	27.23 -1.31 -0.06	26.61 -1.14 -0.06	25.98 -1.16 -0.13	21.85 -1.05 -0.51	26.09 -1.32 -0.51	31.56 -2.04 -0.73	39.18 -2.50 -0.08	49.73 -2.73 0.01	57.09 -2.19 0.00	45.68 -2.56 0.01	40.36 -2.87 0.91	36.43 -2.49 0.01
STA_67____115KV_BK2 355882	32.52 -1.18 0.01	32.04 -0.92 0.00	30.27 -0.87 0.00	30.83 -1.02 0.01	31.75 -0.91 0.01	33.74 -1.01 0.00	44.64 -1.91 0.01	45.50 -1.41 0.01	36.94 -0.91 0.01	32.79 -0.53 0.00	30.54 -1.01 0.01	28.45 -1.40 -0.02	27.26 -1.28 -0.06	26.67 -1.08 -0.06	26.04 -1.11 -0.13	21.89 -1.01 -0.50	26.14 -1.26 -0.51	31.59 -2.00 -0.72	39.21 -2.45 -0.07	49.84 -2.62 0.01	57.20 -2.07 0.00	45.78 -2.46 0.01	40.38 -2.82 0.93	36.51 -2.41 0.01
STA_7____115KV_9TRANS 80674	32.75 -0.94 0.01	32.24 -0.73 0.00	30.43 -0.72 0.00	31.02 -0.83 0.01	31.95 -0.72 0.01	33.98 -0.76 0.00	44.97 -1.58 0.01	45.83 -1.08 0.01	37.20 -0.64 0.01	33.02 -0.30 0.00	30.77 -0.79 0.01	28.62 -1.22 -0.02	27.46 -1.08 -0.06	26.83 -0.91 -0.06	26.17 -0.97 -0.13	22.03 -0.87 -0.50	26.28 -1.13 -0.51	31.78 -1.81 -0.72	39.50 -2.31 -0.08	50.15 -2.45 0.01	57.62 -1.66 0.00	46.06 -2.17 0.01	40.65 -2.56 0.93	36.74 -2.18 0.01
STA_82____115KV_TB1 80780	32.52 -1.18 0.01	32.04 -0.92 0.00	30.24 -0.90 0.00	30.80 -1.05 0.01	31.72 -0.95 0.01	33.71 -1.04 0.00	44.59 -1.96 0.01	45.45 -1.45 0.01	36.90 -0.95 0.01	32.76 -0.57 0.00	30.54 -1.01 0.01	28.42 -1.43 -0.02	27.23 -1.31 -0.06	26.64 -1.11 -0.06	26.01 -1.13 -0.13	21.89 -1.01 -0.50	26.12 -1.29 -0.51	31.55 -2.04 -0.72	39.17 -2.50 -0.07	49.78 -2.68 0.01	57.15 -2.13 0.00	45.73 -2.51 0.01	40.33 -2.87 0.93	36.47 -2.45 0.01
STEEL____WIND 323596	31.36 -2.33 0.02	30.82 -2.14 0.00	29.24 -1.90 0.01	29.87 -1.98 0.02	30.56 -2.09 0.02	32.35 -2.40 0.01	43.28 -3.26 0.02	44.09 -2.81 0.02	35.57 -2.27 0.02	31.73 -1.60 0.00	29.56 -1.99 0.02	27.72 -2.12 -0.01	26.48 -2.05 -0.05	25.85 -1.88 -0.05	25.29 -1.84 -0.12	21.41 -1.50 -0.51	25.51 -1.91 -0.52	30.98 -2.56 -0.67	38.38 -3.20 0.01	48.10 -4.35 0.02	54.95 -4.33 0.01	44.56 -3.67 0.02	39.28 -3.40 1.45	35.80 -3.12 0.02
STEPHTWN_115KV_BK_2 55603	35.22 1.52 0.00	34.38 1.42 0.00	32.49 1.34 0.00	33.23 1.37 0.00	34.05 1.37 0.00	36.04 1.29 0.00	48.28 1.72 0.00	48.65 1.74 0.00	39.26 1.40 0.00	34.42 1.10 0.00	32.67 1.10 0.00	31.48 1.13 -0.52	30.62 1.05 -1.08	29.71 1.00 -1.03	30.11 0.97 -2.12	31.79 0.85 -8.54	36.57 1.00 -8.67	48.39 1.18 -14.34	47.65 1.71 -4.35	54.62 2.15 0.00	61.54 2.25 0.00	50.13 1.88 0.00	46.30 1.90 -0.26	40.33 1.40 0.00
STEBEN_REC_LFGE 323667	32.50 -1.18 0.03	31.94 -1.02 0.00	30.02 -1.12 0.01	30.68 -1.15 0.03	31.53 -1.11 0.03	33.52 -1.22 0.01	45.09 -1.44 0.03	45.89 -0.99 0.04	36.79 -1.02 0.04	32.59 -0.73 0.00	30.42 -1.10 0.04	28.51 -1.28 0.04	27.17 -1.28 0.03	26.37 -1.30 0.02	25.66 -1.35 0.00	21.59 -1.23 -0.42	25.92 -1.40 -0.42	31.74 -1.61 -0.49	39.88 -1.46 0.26	50.87 -1.57 0.03	58.08 -1.19 0.01	47.01 -1.21 0.03	40.27 -1.28 2.59	37.50 -1.40 0.03
STILLWATER____SOLAR 323814	35.53 1.82 0.00	34.68 1.71 0.00	32.77 1.62 0.00	33.52 1.66 0.00	34.44 1.76 0.00	36.52 1.77 0.00	49.16 2.61 0.00	49.36 2.44 0.00	39.60 1.74 0.00	34.66 1.33 0.00	32.86 1.29 0.00	31.64 1.28 -0.54	30.78 1.20 -1.11	29.90 1.16 -1.05	30.29 1.11 -2.17	32.11 0.98 -8.72	36.94 1.18 -8.86	48.79 1.48 -14.44	48.07 2.12 -4.36	55.35 2.88 0.00	62.48 3.20 0.00	50.90 2.65 0.00	46.61 2.47 0.00	40.88 1.95 0.00

STONY___BROOK 24151	37.09 3.37 -0.01	35.96 3.00 0.00	33.73 2.58 0.00	34.63 2.77 0.00	35.74 3.07 0.00	38.07 3.30 -0.01	50.66 4.10 0.00	51.09 4.17 0.00	40.99 3.14 0.00	35.79 2.47 0.00	34.18 2.62 0.00	32.76 2.47 -0.46	31.83 2.39 -0.95	31.00 2.41 -0.91	31.26 2.38 -1.87	31.86 1.95 -7.52	37.58 3.04 -7.64	49.45 3.88 -12.70	52.44 4.99 -5.86	58.04 5.56 -0.01	64.92 5.64 0.00	53.37 5.11 -0.01	49.62 5.12 -0.36	42.91 3.97 -0.01
STURGEON_POOL_HYD 23609	35.70 1.99 0.00	34.74 1.78 0.00	32.83 1.68 0.00	33.61 1.75 0.00	34.44 1.76 0.00	36.70 1.95 0.00	49.26 2.70 0.00	49.78 2.86 0.00	40.20 2.35 0.00	35.29 1.97 0.00	33.62 2.05 0.00	32.35 2.06 -0.47	31.33 1.88 -0.97	30.49 1.88 -0.92	30.80 1.89 -1.90	31.56 1.52 -7.64	36.46 1.80 -7.76	48.20 2.43 -12.90	48.62 3.08 -3.95	56.25 3.78 0.00	63.32 4.03 0.00	51.62 3.38 0.00	47.80 3.31 -0.35	41.38 2.45 0.00
ST_LAW_115_BK7_LBMP 345037	33.10 -0.61 0.00	32.44 -0.53 0.00	30.59 -0.56 0.00	31.32 -0.54 0.00	32.12 -0.56 0.00	34.23 -0.52 0.00	45.91 -0.65 0.00	46.07 -0.84 0.00	37.13 -0.72 0.00	32.73 -0.60 0.00	30.96 -0.60 0.00	29.29 -0.54 0.00	28.00 -0.48 0.00	27.16 -0.53 0.00	26.53 -0.49 0.00	22.02 -0.38 0.00	26.47 -0.43 0.00	32.34 -0.53 0.00	40.89 -0.71 0.00	51.63 -0.84 0.00	58.10 -1.19 0.00	47.43 -0.82 0.00	43.38 -0.75 0.00	38.46 -0.47 0.00
ST_LAW_115_BK8_LBMP 345038	33.10 -0.61 0.00	32.44 -0.53 0.00	30.59 -0.56 0.00	31.32 -0.54 0.00	32.12 -0.56 0.00	34.23 -0.52 0.00	45.91 -0.65 0.00	46.07 -0.84 0.00	37.13 -0.72 0.00	32.73 -0.60 0.00	30.96 -0.60 0.00	29.29 -0.54 0.00	28.00 -0.48 0.00	27.16 -0.53 0.00	26.53 -0.49 0.00	22.02 -0.38 0.00	26.47 -0.43 0.00	32.34 -0.53 0.00	40.89 -0.71 0.00	51.63 -0.84 0.00	58.10 -1.19 0.00	47.43 -0.82 0.00	43.38 -0.75 0.00	38.46 -0.47 0.00
ST_LAW_230_BK5_LBMP 345035	33.13 -0.57 0.00	32.50 -0.46 0.00	30.65 -0.50 0.00	31.35 -0.51 0.00	32.19 -0.49 0.00	34.27 -0.49 0.00	45.95 -0.61 0.00	46.16 -0.75 0.00	37.21 -0.64 0.00	32.79 -0.53 0.00	31.00 -0.57 0.00	29.35 -0.48 0.00	28.05 -0.43 0.00	27.22 -0.47 0.00	26.55 -0.46 0.00	22.04 -0.36 0.00	26.50 -0.40 0.00	32.38 -0.49 0.00	40.93 -0.67 0.00	51.68 -0.79 0.00	58.22 -1.07 0.00	47.52 -0.72 0.00	43.43 -0.71 0.00	38.50 -0.43 0.00
ST_LAW_230_BK6_LBMP 345036	33.13 -0.57 0.00	32.50 -0.46 0.00	30.65 -0.50 0.00	31.35 -0.51 0.00	32.19 -0.49 0.00	34.27 -0.49 0.00	45.95 -0.61 0.00	46.16 -0.75 0.00	37.21 -0.64 0.00	32.79 -0.53 0.00	31.00 -0.57 0.00	29.35 -0.48 0.00	28.05 -0.43 0.00	27.22 -0.47 0.00	26.55 -0.46 0.00	22.04 -0.36 0.00	26.50 -0.40 0.00	32.38 -0.49 0.00	40.93 -0.67 0.00	51.68 -0.79 0.00	58.22 -1.07 0.00	47.52 -0.72 0.00	43.43 -0.71 0.00	38.50 -0.43 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.63 1.92 0.00	34.68 1.71 0.00	32.74 1.59 0.00	33.52 1.66 0.00	34.34 1.67 0.00	36.56 1.81 0.00	49.03 2.47 0.00	49.59 2.67 0.00	40.13 2.27 0.00	35.29 1.97 0.00	33.62 2.05 0.00	32.36 2.09 -0.45	31.39 1.99 -0.92	30.55 1.99 -0.87	30.79 1.97 -1.80	31.31 1.59 -7.32	36.21 1.88 -7.43	47.66 2.50 -12.29	48.51 3.16 -3.75	56.09 3.62 0.00	63.14 3.85 0.00	51.43 3.18 0.00	47.71 3.18 -0.39	41.27 2.34 0.00
SWANROAD_115KV_TB1 355699	30.72 -2.97 0.02	30.66 -2.31 0.00	28.96 -2.18 0.01	29.45 -2.39 0.02	30.31 -2.35 0.02	31.69 -3.06 0.01	41.84 -4.70 0.02	42.68 -4.22 0.02	34.74 -3.10 0.02	31.02 -2.30 0.00	28.74 -2.81 0.02	26.68 -3.16 -0.02	25.60 -2.93 -0.05	25.14 -2.60 -0.05	24.60 -2.54 -0.12	20.71 -2.15 -0.47	24.65 -2.72 -0.47	29.70 -3.88 -0.71	36.66 -4.95 -0.02	46.47 -5.98 0.02	53.41 -5.87 0.01	42.83 -5.40 0.02	38.01 -4.85 1.27	34.32 -4.59 0.02
SYNERGY___BIOGAS 323694	32.11 -1.58 0.01	31.78 -1.19 0.00	30.02 -1.12 0.01	30.60 -1.24 0.01	31.52 -1.14 0.01	33.29 -1.46 0.01	44.03 -2.51 0.01	44.93 -1.97 0.01	36.36 -1.48 0.01	32.36 -0.97 0.00	29.97 -1.58 0.01	27.82 -2.03 -0.02	26.69 -1.85 -0.06	26.11 -1.63 -0.05	25.49 -1.65 -0.12	21.47 -1.41 -0.48	25.61 -1.78 -0.49	30.96 -2.63 -0.72	38.51 -3.12 -0.04	48.89 -3.57 0.01	56.25 -3.02 0.01	45.00 -3.23 0.01	39.81 -3.18 1.15	35.96 -2.96 0.01
SYRACUSE___ENERGY_ST1 323597	33.60 -0.10 0.00	32.87 -0.10 0.00	31.09 -0.06 0.00	31.76 -0.10 0.00	32.64 -0.03 0.00	34.72 -0.03 0.00	46.51 -0.05 0.00	47.57 0.66 0.00	38.38 0.53 0.00	33.79 0.47 0.00	31.88 0.32 0.00	30.02 0.15 -0.05	28.69 0.11 -0.10	27.92 0.14 -0.09	27.32 0.11 -0.19	23.14 0.04 -0.69	27.66 0.05 -0.70	33.56 -0.23 -0.92	41.52 -0.29 -0.22	52.26 -0.21 0.00	59.28 0.00 0.00	48.05 -0.19 0.00	43.37 -0.31 0.46	38.62 -0.31 0.00
SYRACUSE___ENERGY_ST2 323598	33.60 -0.10 0.00	32.87 -0.10 0.00	31.09 -0.06 0.00	31.76 -0.10 0.00	32.64 -0.03 0.00	34.72 -0.03 0.00	46.51 -0.05 0.00	47.57 0.66 0.00	38.38 0.53 0.00	33.79 0.47 0.00	31.88 0.32 0.00	30.02 0.15 -0.05	28.69 0.11 -0.10	27.92 0.14 -0.09	27.32 0.11 -0.19	23.14 0.04 -0.69	27.66 0.05 -0.70	33.56 -0.23 -0.92	41.52 -0.29 -0.22	52.26 -0.21 0.00	59.28 0.00 0.00	48.05 -0.19 0.00	43.37 -0.31 0.46	38.62 -0.31 0.00
SYRACUSE___POWER 24017	33.61 -0.10 0.00	32.87 -0.10 0.00	31.06 -0.09 0.00	31.73 -0.13 0.00	32.61 -0.07 0.00	34.68 -0.07 0.00	46.47 -0.09 0.00	47.25 0.33 0.00	38.12 0.26 0.00	33.56 0.23 0.00	31.69 0.13 0.00	29.91 0.03 -0.05	28.59 0.00 -0.11	27.82 0.03 -0.10	27.23 0.00 -0.21	23.24 -0.02 -0.86	27.72 -0.05 -0.87	33.75 -0.23 -1.11	41.56 -0.29 -0.26	52.26 -0.21 0.00	59.28 0.00 0.00	48.05 -0.19 0.00	43.41 -0.31 0.41	38.58 -0.35 0.00
TALLMAN__138KV_BK151 55660	35.83 2.12 0.00	34.84 1.88 0.00	32.89 1.74 0.00	33.68 1.82 0.00	34.54 1.86 0.00	36.77 2.02 0.00	49.31 2.75 0.00	49.92 3.00 0.00	40.43 2.57 0.00	35.56 2.23 0.00	33.90 2.34 0.00	32.63 2.36 -0.45	31.69 2.28 -0.93	30.85 2.27 -0.89	31.09 2.24 -1.83	31.58 1.81 -7.37	36.53 2.15 -7.48	48.14 2.79 -12.47	48.93 3.54 -3.81	56.51 4.04 0.00	63.55 4.27 0.00	51.82 3.57 0.00	48.04 3.53 -0.38	41.50 2.57 0.00
TEALLAVE_115KV_TB7 355573	33.44 -0.27 0.00	32.70 -0.26 0.00	30.93 -0.22 0.00	31.60 -0.25 0.00	32.48 -0.20 0.00	34.54 -0.21 0.00	46.23 -0.33 0.00	46.92 0.00 0.00	37.89 0.04 0.00	33.36 0.03 0.00	31.53 -0.03 0.00	29.75 -0.12 -0.04	28.43 -0.14 -0.09	27.66 -0.11 -0.09	27.06 -0.14 -0.18	22.98 -0.13 -0.72	27.44 -0.19 -0.73	33.39 -0.39 -0.92	41.26 -0.54 -0.21	51.95 -0.52 0.00	58.93 -0.36 0.00	47.76 -0.48 0.00	43.20 -0.57 0.36	38.39 -0.55 0.00
TELGRAPH_34_KV_EAST 80808	31.54 -2.16 0.01	31.28 -1.68 0.00	29.55 -1.59 0.01	30.09 -1.75 0.01	30.96 -1.70 0.01	32.59 -2.15 0.01	43.10 -3.45 0.01	43.99 -2.91 0.01	35.68 -2.16 0.01	31.82 -1.50 0.00	29.50 -2.05 0.01	27.37 -2.48 -0.02	26.26 -2.28 -0.05	25.72 -2.02 -0.05	25.14 -2.00 -0.12	21.19 -1.68 -0.47	25.25 -2.13 -0.48	30.49 -3.09 -0.72	37.75 -3.87 -0.03	47.89 -4.56 0.01	55.07 -4.21 0.01	44.13 -4.10 0.01	39.05 -3.88 1.20	35.30 -3.62 0.01

TEMPLE___115KV_TB 2 55572	33.47 -0.24 0.00	32.73 -0.23 0.00	30.96 -0.19 0.00	31.64 -0.22 0.00	32.48 -0.20 0.00	34.54 -0.21 0.00	46.28 -0.28 0.00	46.96 0.05 0.00	37.93 0.08 0.00	33.39 0.07 0.00	31.56 0.00 0.00	29.78 -0.09 -0.04	28.46 -0.11 -0.09	27.72 -0.06 -0.09	27.09 -0.11 -0.18	23.02 -0.11 -0.73	27.48 -0.16 -0.74	33.45 -0.36 -0.94	41.31 -0.50 -0.22	52.00 -0.47 0.00	58.99 -0.30 0.00	47.81 -0.43 0.00	43.25 -0.53 0.36	38.39 -0.55 0.00
TIANA___69_KV_BK 1 55817	37.05 3.34 -0.01	35.90 2.93 0.00	33.67 2.52 0.00	34.69 2.84 0.00	35.65 2.97 0.00	38.06 3.30 -0.01	50.61 4.05 0.00	51.19 4.27 0.00	41.00 3.14 0.00	35.79 2.47 0.00	34.18 2.62 0.00	32.73 2.45 -0.46	31.71 2.28 -0.95	30.86 2.27 -0.91	31.13 2.24 -1.87	31.76 1.84 -7.52	37.48 2.93 -7.65	49.25 3.65 -12.73	52.27 4.82 -5.85	57.94 5.46 -0.01	64.80 5.51 0.00	53.42 5.16 -0.01	49.49 4.99 -0.37	42.87 3.93 -0.01
TILDEN___115KV_TB1 80814	33.61 -0.10 0.00	32.87 -0.10 0.00	31.06 -0.09 0.00	31.73 -0.13 0.00	32.61 -0.07 0.00	34.68 -0.07 0.00	46.47 -0.09 0.00	47.25 0.33 0.00	38.12 0.26 0.00	33.56 0.23 0.00	31.69 0.13 0.00	29.91 0.03 -0.05	28.59 0.00 -0.11	27.82 0.03 -0.10	27.23 0.00 -0.21	23.24 -0.02 -0.86	27.72 -0.05 -0.87	33.75 -0.23 -1.11	41.56 -0.29 -0.26	52.26 -0.21 0.00	59.28 0.00 0.00	48.05 -0.19 0.00	43.41 -0.31 0.41	38.58 -0.35 0.00
TRIGEN___CC 323695	36.45 2.73 -0.02	35.37 2.41 0.00	33.24 2.09 0.00	34.12 2.26 0.00	35.06 2.39 0.00	37.41 2.64 -0.02	49.96 3.40 0.00	50.44 3.52 0.00	40.62 2.76 0.00	35.59 2.27 0.00	34.03 2.46 0.00	32.70 2.42 -0.46	31.77 2.34 -0.95	30.95 2.35 -0.91	31.21 2.32 -1.87	31.81 1.88 -7.52	37.22 2.66 -7.66	48.99 3.39 -12.74	52.96 4.08 -7.30	57.10 4.62 -0.02	64.09 4.80 0.00	52.41 4.15 -0.02	48.75 4.24 -0.38	42.22 3.27 -0.02
TRINITY___115KV___ 4 BK 55933	34.95 1.25 0.00	34.12 1.15 0.00	32.24 1.09 0.00	33.01 1.15 0.00	33.79 1.11 0.00	35.76 1.01 0.00	47.86 1.30 0.00	48.28 1.36 0.00	38.95 1.10 0.00	34.19 0.87 0.00	32.48 0.92 0.00	31.30 0.95 -0.53	30.45 0.88 -1.08	29.58 0.86 -1.03	29.98 0.84 -2.13	31.67 0.72 -8.55	36.42 0.83 -8.69	48.21 0.99 -14.36	47.32 1.37 -4.36	54.10 1.63 0.00	61.00 1.72 0.00	49.69 1.45 0.00	45.94 1.54 -0.26	40.06 1.13 0.00
UNION___PROCESSING_DRP 323587	32.52 -1.18 0.01	32.04 -0.92 0.00	30.24 -0.90 0.00	30.83 -1.02 0.01	31.72 -0.95 0.01	33.71 -1.04 0.00	44.64 -1.91 0.01	45.45 -1.45 0.01	36.90 -0.95 0.01	32.79 -0.53 0.00	30.54 -1.01 0.01	28.42 -1.43 -0.02	27.26 -1.28 -0.06	26.67 -1.08 -0.06	26.01 -1.13 -0.13	21.89 -1.01 -0.50	26.12 -1.29 -0.51	31.55 -2.04 -0.72	39.17 -2.50 -0.07	49.78 -2.68 0.01	57.20 -2.07 0.00	45.73 -2.51 0.01	40.33 -2.87 0.93	36.47 -2.45 0.01
UPPER HUDSON___HYD 24058	35.59 1.89 0.00	34.74 1.78 0.00	32.80 1.65 0.00	33.61 1.75 0.00	34.54 1.86 0.00	36.70 1.95 0.00	49.63 3.07 0.00	49.68 2.77 0.00	39.78 1.93 0.00	34.79 1.46 0.00	32.92 1.36 0.00	31.71 1.34 -0.54	30.88 1.28 -1.11	29.93 1.19 -1.05	30.33 1.13 -2.18	32.18 1.03 -8.75	37.03 1.24 -8.89	48.74 1.38 -14.49	48.09 2.12 -4.37	55.56 3.09 0.00	62.66 3.38 0.00	50.99 2.75 0.00	46.65 2.51 0.00	40.88 1.95 0.00
UPPER RAQUET___HYD 24056	31.92 -1.79 0.00	31.35 -1.61 0.00	29.53 -1.62 0.00	30.24 -1.62 0.00	31.11 -1.57 0.00	33.23 -1.53 0.00	44.65 -1.91 0.00	44.57 -2.34 0.00	35.74 -2.12 0.00	31.49 -1.83 0.00	29.73 -1.83 0.00	28.13 -1.70 -0.01	26.90 -1.59 -0.02	25.99 -1.72 -0.02	25.46 -1.59 -0.04	21.24 -1.30 -0.14	25.56 -1.48 -0.14	31.35 -1.74 -0.22	39.63 -2.04 -0.07	50.16 -2.31 0.00	56.50 -2.79 0.00	46.12 -2.12 0.00	42.15 -1.99 0.00	37.37 -1.56 0.00
VALLEY44___115KV_TB2 355964	31.36 -2.33 0.02	30.72 -2.24 0.00	28.93 -2.21 0.01	29.77 -2.07 0.02	30.40 -2.25 0.02	32.14 -2.61 0.01	43.79 -2.75 0.02	44.60 -2.30 0.02	35.49 -2.35 0.02	31.49 -1.83 0.00	29.68 -1.86 0.02	28.34 -1.49 -0.01	27.05 -1.48 -0.05	26.18 -1.55 -0.05	25.67 -1.46 -0.11	21.79 -1.05 -0.44	26.16 -1.18 -0.44	32.46 -1.12 -0.71	40.13 -1.41 0.04	49.25 -3.20 0.02	55.07 -4.21 0.01	45.72 -2.51 0.02	40.84 -1.63 1.67	37.24 -1.67 0.02
VALLEY___115KV_TB 1-4 80826	34.62 0.91 0.00	33.82 0.86 0.00	31.96 0.81 0.00	32.69 0.83 0.00	33.56 0.88 0.00	35.69 0.94 0.00	47.77 1.21 0.00	48.14 1.22 0.00	38.73 0.87 0.00	34.06 0.73 0.00	32.16 0.60 0.00	30.30 0.48 0.00	28.91 0.43 0.00	28.08 0.39 0.00	27.39 0.38 0.00	22.71 0.31 0.00	27.36 0.46 0.00	33.59 0.72 0.00	42.76 1.16 0.00	54.10 1.63 0.00	61.30 2.02 0.00	49.84 1.59 0.00	45.81 1.68 0.00	40.33 1.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.43 1.72 -0.01	34.58 1.62 0.00	32.74 1.59 0.00	33.46 1.59 -0.01	34.35 1.67 -0.01	36.49 1.74 0.00	50.67 4.10 -0.01	50.86 3.94 -0.01	40.47 2.61 -0.01	35.66 2.33 0.00	33.53 1.96 -0.01	31.51 1.55 -0.13	30.29 1.54 -0.27	29.33 1.38 -0.25	28.91 1.38 -0.52	25.55 1.05 -2.10	30.54 1.51 -2.14	39.11 2.17 -4.07	46.24 2.41 -2.23	55.47 2.99 -0.01	62.79 3.50 0.00	51.10 2.85 -0.01	48.22 2.69 -1.39	41.08 2.14 -0.01
VISCHER___FERRY HYD 24020	35.29 1.58 0.00	34.45 1.48 0.00	32.55 1.40 0.00	33.29 1.43 0.00	34.21 1.54 0.00	36.25 1.49 0.00	48.66 2.10 0.00	49.03 2.11 0.00	39.48 1.63 0.00	34.59 1.27 0.00	32.86 1.29 0.00	31.64 1.28 -0.53	30.77 1.20 -1.10	29.89 1.16 -1.04	30.30 1.13 -2.15	32.00 0.96 -8.64	36.83 1.16 -8.78	48.62 1.44 -14.30	47.90 2.00 -4.31	54.99 2.52 0.00	62.01 2.73 0.00	50.51 2.27 0.00	46.30 2.16 0.00	40.60 1.67 0.00
V_A_10_SYNC_DSASP 323832	31.60 -2.09 0.01	31.32 -1.65 0.00	29.56 -1.59 0.01	30.03 -1.82 0.01	30.90 -1.76 0.01	32.70 -2.05 0.01	43.10 -3.45 0.01	43.90 -3.00 0.01	35.80 -2.04 0.01	31.92 -1.40 0.00	29.63 -1.93 0.01	27.43 -2.42 -0.02	26.34 -2.19 -0.06	25.86 -1.88 -0.06	25.27 -1.86 -0.12	21.26 -1.61 -0.48	25.31 -2.07 -0.48	30.43 -3.16 -0.71	37.60 -4.03 -0.05	48.00 -4.46 0.01	55.31 -3.97 0.01	44.08 -4.15 0.01	38.67 -4.37 1.09	35.18 -3.74 0.01
V_CMM_10_SYNC_DSASP 323787	33.20 -0.51 0.00	32.60 -0.36 0.00	30.71 -0.44 0.00	31.45 -0.41 0.00	32.28 -0.39 0.00	34.41 -0.35 0.00	46.14 -0.42 0.00	46.26 -0.66 0.00	37.29 -0.57 0.00	32.89 -0.43 0.00	31.09 -0.47 0.00	29.47 -0.36 0.00	28.14 -0.34 0.00	27.27 -0.42 0.00	26.64 -0.38 0.00	22.11 -0.29 0.00	26.58 -0.32 0.00	32.47 -0.39 0.00	41.05 -0.54 0.00	51.74 -0.73 0.00	58.16 -1.13 0.00	47.67 -0.58 0.00	43.56 -0.57 0.00	38.62 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	33.44 -0.27 0.00	32.83 -0.13 0.00	30.93 -0.22 0.00	31.64 -0.22 0.00	32.48 -0.20 0.00	34.65 -0.10 0.00	46.51 -0.05 0.00	46.64 -0.28 0.00	37.55 -0.30 0.00	33.09 -0.23 0.00	31.25 -0.32 0.00	29.59 -0.24 0.00	28.25 -0.23 0.00	27.38 -0.30 0.00	26.74 -0.27 0.00	22.20 -0.20 0.00	26.68 -0.22 0.00	32.61 -0.26 0.00	41.30 -0.29 0.00	52.21 -0.26 0.00	58.87 -0.41 0.00	47.96 -0.29 0.00	43.74 -0.40 0.00	38.74 -0.19 0.00



V_D_10_SYNC_DSASP 323841	33.20 -0.51 0.00	32.60 -0.36 0.00	30.71 -0.44 0.00	31.45 -0.41 0.00	32.28 -0.39 0.00	34.44 -0.31 0.00	46.28 -0.28 0.00	46.31 -0.61 0.00	37.25 -0.61 0.00	32.86 -0.47 0.00	31.03 -0.54 0.00	29.41 -0.42 0.00	28.08 -0.40 0.00	27.16 -0.53 0.00	26.58 -0.43 0.00	22.06 -0.34 0.00	26.55 -0.35 0.00	32.41 -0.46 0.00	41.01 -0.58 0.00	51.79 -0.68 0.00	58.40 -0.89 0.00	47.67 -0.58 0.00	43.56 -0.57 0.00	38.62 -0.31 0.00
V_E_10_SYNC_DSASP 323830	35.70 1.99 0.00	34.88 1.91 0.00	32.99 1.84 0.00	33.68 1.82 0.00	34.80 2.12 0.00	36.98 2.22 0.00	50.38 3.82 -0.01	50.78 3.85 -0.02	40.33 2.46 -0.02	35.29 1.97 0.00	33.10 1.52 -0.02	31.07 1.04 -0.20	29.84 0.97 -0.39	28.97 0.91 -0.37	28.73 0.97 -0.74	25.71 0.74 -2.57	30.61 1.10 -2.61	39.08 1.81 -4.40	45.68 2.66 -1.42	56.41 3.94 0.00	64.27 4.98 0.00	51.97 3.71 0.00	47.90 3.18 -0.58	41.50 2.57 0.00
V_F_30_NSYNC___DSASP 323816	35.53 1.82 0.00	34.68 1.71 0.00	32.77 1.62 0.00	33.55 1.69 0.00	34.37 1.70 0.00	36.56 1.81 0.00	49.21 2.65 0.00	49.40 2.49 0.00	39.63 1.78 0.00	34.72 1.40 0.00	32.89 1.33 0.00	31.67 1.31 -0.54	30.84 1.25 -1.11	29.93 1.19 -1.05	30.32 1.13 -2.18	32.15 1.01 -8.74	37.02 1.24 -8.88	48.87 1.51 -14.49	48.12 2.16 -4.36	55.41 2.94 0.00	62.55 3.26 0.00	50.95 2.70 0.00	46.65 2.52 0.00	40.88 1.95 0.00
V_F_30_SYNC_DSASP 323786	35.05 1.35 0.00	34.18 1.22 0.00	32.30 1.15 0.00	33.07 1.21 0.00	33.88 1.21 0.00	35.83 1.08 0.00	48.00 1.44 0.00	48.37 1.45 0.00	39.03 1.17 0.00	34.26 0.93 0.00	32.54 0.98 0.00	31.37 1.01 -0.53	30.51 0.94 -1.09	29.64 0.91 -1.04	30.02 0.86 -2.14	31.76 0.76 -8.60	36.52 0.89 -8.73	48.36 1.05 -14.44	47.43 1.46 -4.38	54.25 1.78 0.00	61.12 1.84 0.00	49.84 1.59 0.00	46.03 1.63 -0.26	40.14 1.21 0.00
V_XM_10_SYNC_DSASP 323789	33.44 -0.27 0.00	32.83 -0.13 0.00	30.93 -0.22 0.00	31.64 -0.22 0.00	32.48 -0.20 0.00	34.65 -0.10 0.00	46.51 -0.05 0.00	46.64 -0.28 0.00	37.55 -0.30 0.00	33.09 -0.23 0.00	31.25 -0.32 0.00	29.59 -0.24 0.00	28.25 -0.23 0.00	27.38 -0.30 0.00	26.74 -0.27 0.00	22.20 -0.20 0.00	26.68 -0.22 0.00	32.61 -0.26 0.00	41.30 -0.29 0.00	52.21 -0.26 0.00	58.87 -0.41 0.00	47.96 -0.29 0.00	43.74 -0.40 0.00	38.74 -0.19 0.00
W.BABYLN_69_KV_BK1 56697	37.02 3.30 -0.01	35.87 2.90 0.00	33.64 2.49 0.00	34.60 2.74 0.00	35.55 2.88 0.00	37.99 3.23 -0.01	50.61 4.05 0.00	51.05 4.13 0.00	41.00 3.14 0.00	35.82 2.50 0.00	34.22 2.65 0.00	32.85 2.56 -0.46	31.91 2.48 -0.95	31.09 2.49 -0.91	31.34 2.46 -1.87	31.94 2.02 -7.52	37.59 3.04 -7.65	49.48 3.88 -12.73	52.53 4.91 -6.03	57.99 5.51 -0.01	64.92 5.63 0.00	53.37 5.11 -0.01	49.54 5.03 -0.37	42.87 3.93 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.90 2.19 0.00	34.94 1.98 0.00	32.96 1.81 0.00	33.74 1.88 0.00	34.60 1.93 0.00	36.84 2.09 0.00	49.45 2.89 0.00	50.01 3.10 0.00	40.50 2.65 0.00	35.62 2.30 0.00	33.96 2.40 0.00	32.69 2.42 -0.45	31.76 2.34 -0.94	30.91 2.33 -0.89	31.15 2.30 -1.84	31.66 1.86 -7.40	36.62 2.21 -7.52	48.29 2.89 -12.53	49.03 3.62 -3.82	56.67 4.20 0.00	63.73 4.45 0.00	51.91 3.67 0.00	48.13 3.62 -0.37	41.62 2.69 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.07 2.36 0.00	35.01 2.04 0.00	33.02 1.87 0.00	33.83 1.98 0.00	34.70 2.03 0.00	36.94 2.19 0.00	49.54 2.98 0.00	50.25 3.33 0.00	40.77 2.91 0.00	35.89 2.57 0.00	34.25 2.68 0.00	33.03 2.74 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.03 2.11 -7.52	36.96 2.42 -7.64	48.78 3.19 -12.72	49.38 3.91 -3.88	56.98 4.51 0.00	63.97 4.68 0.00	52.11 3.86 0.00	48.38 3.88 -0.36	41.77 2.84 0.00
W50THST__13_KV_LOAD 356117	36.20 2.49 0.00	35.14 2.18 0.00	33.14 1.99 0.00	33.93 2.07 0.00	34.80 2.12 0.00	37.08 2.33 0.00	49.77 3.21 0.00	50.48 3.57 0.00	40.96 3.10 0.00	36.09 2.77 0.00	34.44 2.87 0.00	33.18 2.89 -0.46	32.26 2.82 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.10 2.56 -7.64	48.94 3.35 -12.72	49.59 4.12 -3.88	57.19 4.72 0.00	64.21 4.92 0.00	52.35 4.10 0.00	48.56 4.06 -0.36	41.93 3.00 0.00
WADING RIVER_IC_1 23522	36.98 3.27 -0.01	35.90 2.93 0.00	33.67 2.52 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.99 3.23 -0.01	50.51 3.96 0.00	50.95 4.04 0.00	40.92 3.06 0.00	35.69 2.37 0.00	34.06 2.49 0.00	32.64 2.36 -0.46	31.69 2.25 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.73 1.81 -7.52	37.45 2.91 -7.64	49.25 3.68 -12.70	52.22 4.78 -5.85	57.78 5.30 -0.01	64.68 5.39 0.00	53.23 4.97 -0.01	49.44 4.94 -0.36	42.79 3.85 -0.01
WADING RIVER_IC_2 23547	36.98 3.27 -0.01	35.90 2.93 0.00	33.67 2.52 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.99 3.23 -0.01	50.51 3.96 0.00	50.95 4.04 0.00	40.92 3.06 0.00	35.69 2.37 0.00	34.06 2.49 0.00	32.64 2.36 -0.46	31.69 2.25 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.73 1.81 -7.52	37.45 2.91 -7.64	49.25 3.68 -12.70	52.22 4.78 -5.85	57.78 5.30 -0.01	64.68 5.39 0.00	53.23 4.97 -0.01	49.44 4.94 -0.36	42.79 3.85 -0.01
WADING RIVER_IC_3 23601	36.98 3.27 -0.01	35.90 2.93 0.00	33.67 2.52 0.00	34.57 2.71 0.00	35.68 3.00 0.00	37.99 3.23 -0.01	50.51 3.96 0.00	50.95 4.04 0.00	40.92 3.06 0.00	35.69 2.37 0.00	34.06 2.49 0.00	32.64 2.36 -0.46	31.69 2.25 -0.95	30.87 2.27 -0.91	31.13 2.24 -1.87	31.73 1.81 -7.52	37.45 2.91 -7.64	49.25 3.68 -12.70	52.22 4.78 -5.85	57.78 5.30 -0.01	64.68 5.39 0.00	53.23 4.97 -0.01	49.44 4.94 -0.36	42.79 3.85 -0.01
WALDENNY_12_KV_BK2 80841	31.36 -2.33 0.02	31.09 -1.88 0.00	29.30 -1.84 0.01	29.90 -1.94 0.02	30.70 -1.96 0.02	32.38 -2.36 0.01	43.19 -3.35 0.02	44.04 -2.86 0.02	35.60 -2.23 0.02	31.76 -1.57 0.00	29.56 -1.99 0.02	27.60 -2.24 -0.02	26.45 -2.08 -0.05	25.83 -1.91 -0.05	25.29 -1.84 -0.12	21.33 -1.52 -0.45	25.42 -1.94 -0.46	30.92 -2.66 -0.71	38.26 -3.33 0.01	48.04 -4.41 0.02	54.89 -4.39 0.01	44.42 -3.81 0.02	39.27 -3.44 1.43	35.76 -3.15 0.02
WALDEN___HYDRO 24148	35.80 2.09 0.00	34.84 1.88 0.00	32.89 1.74 0.00	33.68 1.82 0.00	34.54 1.86 0.00	36.77 2.02 0.00	49.35 2.79 0.00	49.87 2.96 0.00	40.32 2.46 0.00	35.39 2.07 0.00	33.68 2.11 0.00	32.43 2.15 -0.46	31.47 2.05 -0.94	30.63 2.05 -0.90	30.92 2.05 -1.85	31.49 1.66 -7.43	36.44 1.99 -7.55	48.07 2.63 -12.58	48.82 3.37 -3.85	56.46 3.99 0.00	63.55 4.27 0.00	51.77 3.52 0.00	47.95 3.44 -0.37	41.50 2.57 0.00
WARRENSBURG____ 23737	35.59 1.89 0.00	34.74 1.78 0.00	32.80 1.65 0.00	33.61 1.75 0.00	34.47 1.80 0.00	36.70 1.95 0.00	49.63 3.07 0.00	49.68 2.77 0.00	39.79 1.93 0.00	34.79 1.47 0.00	32.92 1.36 0.00	31.70 1.34 -0.54	30.87 1.28 -1.11	29.93 1.19 -1.05	30.33 1.13 -2.18	32.19 1.03 -8.76	37.03 1.24 -8.90	48.76 1.38 -14.51	48.09 2.12 -4.37	55.57 3.10 0.00	62.66 3.38 0.00	51.04 2.80 0.00	46.65 2.52 0.00	40.88 1.95 0.00

WATERSIDE___6 8 9 23538	36.00 2.29 0.00	34.97 2.01 0.00	33.02 1.87 0.00	33.80 1.94 0.00	34.67 1.99 0.00	36.84 2.09 0.00	49.35 2.79 0.00	50.06 3.14 0.00	40.62 2.76 0.00	35.82 2.50 0.00	34.22 2.65 0.00	33.00 2.71 -0.46	32.08 2.65 -0.95	31.22 2.63 -0.91	31.45 2.57 -1.87	32.01 2.08 -7.52	36.94 2.39 -7.64	48.68 3.09 -12.72	49.21 3.74 -3.88	56.72 4.25 0.00	63.67 4.39 0.00	51.91 3.67 0.00	48.20 3.71 -0.36	41.62 2.69 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.12 1.42 0.00	34.32 1.35 0.00	32.43 1.28 0.00	33.17 1.31 0.00	34.05 1.37 0.00	36.25 1.49 0.00	48.42 1.86 0.00	48.79 1.88 0.00	39.22 1.36 0.00	34.42 1.10 0.00	32.51 0.95 0.00	30.60 0.78 0.00	29.16 0.68 0.00	28.32 0.64 0.00	27.64 0.62 0.00	22.94 0.54 0.00	27.65 0.75 0.00	33.99 1.12 0.00	43.34 1.75 0.00	54.88 2.41 0.00	62.19 2.90 0.00	50.56 2.32 0.00	46.61 2.47 0.00	41.03 2.10 0.00
WDELAWARE___HYD 323627	36.10 2.39 0.00	35.24 2.27 0.00	33.30 2.15 0.00	34.03 2.17 0.00	35.00 2.32 0.00	37.15 2.40 0.00	49.96 3.40 0.00	50.44 3.52 0.00	40.70 2.84 0.00	35.62 2.30 0.00	33.84 2.27 0.00	32.52 2.27 -0.43	31.48 2.11 -0.89	30.58 2.05 -0.84	30.80 2.05 -1.74	31.12 1.66 -7.06	36.11 2.04 -7.17	47.49 2.76 -11.86	48.85 3.53 -3.73	56.67 4.20 0.00	63.91 4.63 0.00	52.01 3.77 0.00	48.19 3.66 -0.39	41.70 2.76 0.00
WEST BABYLON___IC 23714	37.02 3.30 -0.01	35.87 2.90 0.00	33.64 2.49 0.00	34.60 2.74 0.00	35.55 2.88 0.00	37.99 3.23 -0.01	50.61 4.05 0.00	51.05 4.13 0.00	41.00 3.14 0.00	35.82 2.50 0.00	34.22 2.65 0.00	32.85 2.56 -0.46	31.91 2.48 -0.95	31.09 2.49 -0.91	31.34 2.46 -1.87	31.94 2.02 -7.52	37.59 3.04 -7.65	49.48 3.88 -12.73	52.53 4.91 -6.03	57.99 5.51 -0.01	64.92 5.63 0.00	53.37 5.11 -0.01	49.54 5.03 -0.37	42.87 3.93 -0.01
WEST CANADA___HYD 24049	33.91 0.20 0.00	33.13 0.17 0.00	31.34 0.19 0.00	32.05 0.19 0.00	32.87 0.20 0.00	34.93 0.17 0.00	46.79 0.23 0.00	47.20 0.28 0.00	38.04 0.19 0.00	33.49 0.17 0.00	31.75 0.19 0.00	30.00 0.18 0.00	28.62 0.14 0.00	27.83 0.14 0.00	27.15 0.14 0.00	22.51 0.11 0.00	27.03 0.14 0.00	33.07 0.20 0.00	41.84 0.25 0.00	52.79 0.32 0.00	59.64 0.36 0.00	48.54 0.29 0.00	44.45 0.31 0.00	39.13 0.20 0.00
WESTERN_NY_WIND 24143	32.04 -1.65 0.01	31.75 -1.22 0.00	29.96 -1.18 0.01	30.54 -1.31 0.01	31.45 -1.21 0.01	33.22 -1.53 0.01	43.94 -2.61 0.01	44.84 -2.06 0.01	36.29 -1.55 0.01	32.29 -1.03 0.00	29.91 -1.64 0.01	27.76 -2.09 -0.02	26.63 -1.91 -0.06	26.08 -1.66 -0.05	25.43 -1.70 -0.12	21.42 -1.46 -0.48	25.55 -1.83 -0.48	30.89 -2.70 -0.72	38.42 -3.20 -0.03	48.78 -3.67 0.01	56.14 -3.14 0.01	44.90 -3.33 0.01	39.70 -3.27 1.17	35.88 -3.04 0.01
WESTOVER___LESR 323668	34.13 0.40 -0.02	33.33 0.36 0.00	31.53 0.37 -0.01	32.23 0.35 -0.02	33.09 0.39 -0.02	35.18 0.42 -0.01	47.23 0.65 -0.02	47.67 0.75 0.00	38.39 0.53 0.00	33.79 0.47 0.00	31.92 0.35 0.00	30.26 0.27 -0.17	29.06 0.23 -0.35	28.27 0.25 -0.33	27.94 0.24 -0.68	25.97 0.29 -3.28	30.58 0.35 -3.34	39.49 0.43 -6.20	44.51 0.62 -2.29	53.28 0.79 -0.02	60.30 1.01 -0.01	48.99 0.72 -0.02	47.58 0.66 -0.02	39.34 0.39 -0.02
WETHRSFD_WT_PWR 323626	31.59 -2.09 0.02	31.02 -1.94 0.00	29.37 -1.77 0.01	29.99 -1.85 0.02	30.72 -1.93 0.02	32.59 -2.15 0.01	43.61 -2.93 0.02	44.27 -2.63 0.02	35.68 -2.16 0.02	31.76 -1.57 0.00	29.61 -1.93 0.02	27.72 -2.12 -0.01	26.47 -2.05 -0.04	25.79 -1.94 -0.04	25.20 -1.92 -0.11	21.27 -1.63 -0.51	25.36 -2.05 -0.51	30.87 -2.63 -0.63	38.44 -3.08 0.08	48.72 -3.72 0.02	55.72 -3.56 0.01	45.04 -3.19 0.02	39.39 -2.96 1.79	36.07 -2.84 0.02
WHAVSTOR_138KV_BK127 55557	35.80 2.09 0.00	34.81 1.85 0.00	32.86 1.71 0.00	33.64 1.78 0.00	34.50 1.83 0.00	36.73 1.98 0.00	49.26 2.70 0.00	49.83 2.91 0.00	40.39 2.54 0.00	35.52 2.20 0.00	33.87 2.30 0.00	32.61 2.33 -0.46	31.67 2.25 -0.94	30.82 2.24 -0.89	31.07 2.22 -1.84	31.60 1.79 -7.41	36.55 2.13 -7.52	48.17 2.76 -12.54	48.87 3.45 -3.82	56.46 3.99 0.00	63.43 4.15 0.00	51.72 3.47 0.00	47.95 3.44 -0.37	41.46 2.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.80 2.09 0.00	34.81 1.85 0.00	32.86 1.71 0.00	33.64 1.78 0.00	34.50 1.83 0.00	36.73 1.98 0.00	49.26 2.70 0.00	49.83 2.91 0.00	40.39 2.54 0.00	35.52 2.20 0.00	33.87 2.30 0.00	32.61 2.33 -0.46	31.67 2.25 -0.94	30.82 2.24 -0.89	31.07 2.22 -1.84	31.60 1.79 -7.41	36.55 2.13 -7.52	48.17 2.76 -12.54	48.87 3.45 -3.82	56.46 3.99 0.00	63.43 4.15 0.00	51.72 3.47 0.00	47.95 3.44 -0.37	41.46 2.53 0.00
WHITEHAL_115KV_TB1 80871	36.10 2.39 0.00	35.24 2.27 0.00	33.24 2.09 0.00	34.09 2.23 0.00	34.93 2.25 0.00	37.26 2.50 0.00	50.42 3.86 0.00	50.39 3.47 0.00	40.16 2.31 0.00	35.06 1.73 0.00	33.11 1.55 0.00	31.85 1.49 -0.54	31.02 1.42 -1.11	30.04 1.30 -1.05	30.43 1.24 -2.18	32.29 1.14 -8.75	37.16 1.37 -8.89	48.98 1.61 -14.50	48.54 2.58 -4.37	56.35 3.88 0.00	63.61 4.33 0.00	51.77 3.52 0.00	47.31 3.18 0.00	41.38 2.45 0.00
WHITEPLN_13_KV_LOAD 356215	36.13 2.43 0.00	35.14 2.18 0.00	33.11 1.96 0.00	33.90 2.04 0.00	34.80 2.12 0.00	37.05 2.29 0.00	49.77 3.21 0.00	50.34 3.42 0.00	40.81 2.95 0.00	35.89 2.57 0.00	34.22 2.65 0.00	33.06 2.77 -0.46	32.11 2.68 -0.95	31.22 2.63 -0.91	31.48 2.59 -1.87	32.02 2.11 -7.52	37.01 2.47 -7.64	48.80 3.22 -12.71	49.50 4.03 -3.87	57.19 4.72 0.00	64.15 4.86 0.00	52.25 4.00 0.00	48.42 3.93 -0.36	41.81 2.88 0.00
WM_FLOYD_69_KV_BK2 356380	36.98 3.27 -0.01	35.83 2.87 0.00	33.61 2.46 0.00	34.57 2.71 0.00	35.55 2.88 0.00	37.99 3.23 -0.01	50.52 3.96 0.00	50.95 4.03 0.00	40.88 3.03 0.00	35.69 2.37 0.00	34.06 2.49 0.00	32.64 2.36 -0.46	31.69 2.25 -0.95	30.86 2.27 -0.91	31.13 2.24 -1.87	31.76 1.84 -7.52	37.48 2.93 -7.65	49.32 3.71 -12.73	52.23 4.78 -5.86	57.83 5.35 -0.01	64.68 5.39 0.00	53.32 5.07 -0.01	49.45 4.94 -0.37	42.83 3.89 -0.01
WOODARD___115KV_TB2 355635	33.37 -0.34 0.00	32.67 -0.30 0.00	30.87 -0.28 0.00	31.54 -0.32 0.00	32.41 -0.26 0.00	34.47 -0.28 0.00	46.19 -0.37 0.00	46.87 -0.05 0.00	37.85 0.00 0.00	33.36 0.03 0.00	31.50 -0.06 0.00	29.72 -0.15 -0.04	28.40 -0.17 -0.09	27.66 -0.11 -0.09	27.03 -0.16 -0.18	22.89 -0.16 -0.64	27.34 -0.22 -0.65	33.32 -0.43 -0.88	41.22 -0.58 -0.21	51.89 -0.58 0.00	58.87 -0.41 0.00	47.71 -0.53 0.00	43.13 -0.62 0.39	38.31 -0.62 0.00
YORK___WARBASSE 23770	36.24 2.53 -0.01	35.21 2.24 -0.01	33.25 2.09 -0.01	34.03 2.17 -0.01	34.90 2.22 -0.01	37.09 2.33 -0.01	49.64 3.07 -0.01	50.39 3.47 0.00	40.81 2.95 0.00	35.99 2.67 0.00	34.37 2.81 0.00	33.15 2.86 -0.46	32.23 2.79 -0.95	31.36 2.77 -0.91	31.59 2.70 -1.87	32.14 2.22 -7.52	37.07 2.53 -7.64	48.89 3.29 -12.73	49.51 4.03 -3.88	57.10 4.62 -0.01	64.09 4.80 -0.01	52.26 4.00 -0.01	48.52 4.02 -0.37	41.90 2.96 -0.01