

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/14/2026

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	31.66	27.74	25.95	26.57	26.50	32.76	41.52	42.16	44.20	44.70	45.27	43.79	42.35	41.70	42.67	42.86	45.25	44.04	44.60	50.53	56.10	48.39	39.10	36.89
24138	1.88	1.67	1.56	1.50	1.48	1.85	2.28	2.80	2.97	3.31	3.24	3.13	3.17	3.02	3.23	3.14	3.31	3.22	2.92	3.08	3.77	2.95	2.18	1.72
	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
74TH STREET_GT_1	31.69	27.74	25.95	26.59	26.50	32.76	41.48	42.12	44.16	44.66	45.22	43.75	42.27	41.66	42.59	42.82	45.16	44.00	44.56	50.48	56.05	48.39	39.10	36.89
24260	1.91	1.67	1.56	1.53	1.48	1.85	2.24	2.76	2.93	3.27	3.19	3.09	3.09	2.98	3.16	3.10	3.23	3.18	2.88	3.04	3.72	2.95	2.18	1.72
	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
74TH STREET_GT_2	31.69	27.74	25.95	26.59	26.50	32.76	41.48	42.12	44.16	44.66	45.22	43.75	42.27	41.66	42.59	42.82	45.16	44.00	44.56	50.48	56.05	48.39	39.10	36.89
24261	1.91	1.67	1.56	1.53	1.48	1.85	2.24	2.76	2.93	3.27	3.19	3.09	3.09	2.98	3.16	3.10	3.23	3.18	2.88	3.04	3.72	2.95	2.18	1.72
	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
ADK HUDSON___FALLS	31.36	27.48	25.70	26.44	26.35	32.45	41.40	41.49	43.29	43.34	44.13	42.41	40.70	40.35	41.13	41.51	44.16	43.26	44.27	50.57	55.63	48.26	39.24	37.24
24011	1.58	1.41	1.32	1.38	1.33	1.55	2.16	2.13	2.06	1.95	2.10	1.75	1.53	1.66	1.70	1.79	2.22	2.45	2.58	3.13	3.30	2.82	2.33	2.07
	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
ADK RESOURCE___RCVRY	31.51	27.61	25.83	26.57	26.47	32.60	41.64	41.69	43.54	43.54	44.34	42.57	40.86	40.46	41.29	41.63	44.36	43.47	44.52	50.95	56.00	48.57	39.50	37.45
23798	1.73	1.54	1.44	1.50	1.45	1.70	2.39	2.32	2.31	2.15	2.31	1.91	1.68	1.78	1.85	1.91	2.43	2.65	2.84	3.51	3.66	3.13	2.58	2.28
	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
ADK S GLENS___FALLS	31.36	27.48	25.70	26.44	26.35	32.45	41.40	41.49	43.29	43.34	44.13	42.41	40.70	40.35	41.13	41.51	44.16	43.26	44.27	50.57	55.63	48.26	39.24	37.24
24028	1.58	1.41	1.32	1.38	1.33	1.55	2.16	2.13	2.06	1.95	2.10	1.75	1.53	1.66	1.70	1.79	2.22	2.45	2.58	3.13	3.30	2.82	2.33	2.07
	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
ADK_NYS___DAM	31.18	27.29	25.53	26.22	26.15	32.33	40.85	41.02	43.13	42.92	43.67	42.12	40.63	40.07	40.98	41.31	43.82	42.81	43.64	49.67	54.32	47.53	38.65	36.71
23527	1.40	1.23	1.15	1.15	1.13	1.42	1.61	1.65	1.90	1.53	1.64	1.46	1.45	1.39	1.54	1.59	1.89	2.00	1.96	2.23	1.99	2.09	1.74	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	30.29	26.54	24.83	25.46	25.40	31.28	39.56	39.76	41.68	41.81	42.53	40.99	39.49	39.03	39.79	40.12	42.39	41.35	42.14	47.77	52.65	45.76	37.32	35.52
24190	0.51	0.47	0.44	0.40	0.38	0.37	0.31	0.39	0.45	0.41	0.50	0.33	0.31	0.35	0.35	0.40	0.46	0.53	0.46	0.33	0.31	0.32	0.41	0.35
	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
AKWESSNE_115KV_BK	29.96	26.20	24.51	25.21	25.22	31.12	39.56	39.72	41.68	41.85	42.58	41.23	39.72	39.19	40.03	40.31	42.52	41.18	42.18	47.82	52.44	45.89	37.21	35.52
355683	0.18	0.13	0.12	0.15	0.20	0.22	0.31	0.35	0.45	0.46	0.55	0.57	0.55	0.50	0.59	0.60	0.59	0.37	0.50	0.38	0.10	0.45	0.30	0.35
	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	30.80	26.98	25.22	25.92	25.80	31.87	40.34	40.47	42.43	42.51	43.16	41.55	40.04	39.50	40.31	40.63	42.98	42.00	42.85	48.77	53.69	46.71	38.06	36.22
323833	1.01	0.91	0.83	0.85	0.78	0.96	1.10	1.10	1.20	1.12	1.14	0.89	0.86	0.81	0.87	0.91	1.05	1.18	1.17	1.33	1.36	1.27	1.15	1.05
	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_2_SOLAR	30.76	26.98	25.22	25.89	25.80	31.87	40.34	40.47	42.43	42.51	43.16	41.55	40.04	39.50	40.27	40.63	42.98	42.00	42.85	48.72	53.69	46.71	38.06	36.19
323834	0.98	0.91	0.83	0.83	0.78	0.96	1.10	1.10	1.20	1.12	1.14	0.89	0.86	0.81	0.83	0.91	1.05	1.18	1.17	1.28	1.36	1.27	1.15	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.29	26.54	24.83	25.46	25.40	31.28	39.56	39.76	41.68	41.81	42.53	40.99	39.49	39.03	39.79	40.12	42.39	41.35	42.14	47.77	52.65	45.76	37.32	35.52
23571	0.51	0.47	0.44	0.40	0.38	0.37	0.31	0.39	0.45	0.41	0.50	0.33	0.31	0.35	0.35	0.40	0.46	0.53	0.46	0.33	0.31	0.32	0.41	0.35
	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___2 23572	30.29 0.51 0.00	26.54 0.47 0.00	24.83 0.44 0.00	25.46 0.40 0.00	25.40 0.38 0.00	31.28 0.37 0.00	39.56 0.31 0.00	39.76 0.39 0.00	41.68 0.45 0.00	41.81 0.41 0.00	42.53 0.50 0.00	40.99 0.33 0.00	39.49 0.31 0.00	39.03 0.35 0.00	39.79 0.35 0.00	40.12 0.40 0.00	42.39 0.46 0.00	41.35 0.53 0.00	42.14 0.46 0.00	47.77 0.33 0.00	52.65 0.31 0.00	45.76 0.32 0.00	37.32 0.41 0.00	35.52 0.35 0.00
ALBANY___3 23573	30.29 0.51 0.00	26.54 0.47 0.00	24.83 0.44 0.00	25.46 0.40 0.00	25.40 0.38 0.00	31.28 0.37 0.00	39.56 0.31 0.00	39.76 0.39 0.00	41.68 0.45 0.00	41.81 0.41 0.00	42.53 0.50 0.00	40.99 0.33 0.00	39.49 0.31 0.00	39.03 0.35 0.00	39.79 0.35 0.00	40.12 0.40 0.00	42.39 0.46 0.00	41.35 0.53 0.00	42.14 0.46 0.00	47.77 0.33 0.00	52.65 0.31 0.00	45.76 0.32 0.00	37.32 0.41 0.00	35.52 0.35 0.00
ALBANY___4 23574	30.29 0.51 0.00	26.54 0.47 0.00	24.83 0.44 0.00	25.46 0.40 0.00	25.40 0.38 0.00	31.28 0.37 0.00	39.56 0.31 0.00	39.76 0.39 0.00	41.68 0.45 0.00	41.81 0.41 0.00	42.53 0.50 0.00	40.99 0.33 0.00	39.49 0.31 0.00	39.03 0.35 0.00	39.79 0.35 0.00	40.12 0.40 0.00	42.39 0.46 0.00	41.35 0.53 0.00	42.14 0.46 0.00	47.77 0.33 0.00	52.65 0.31 0.00	45.76 0.32 0.00	37.32 0.41 0.00	35.52 0.35 0.00
ALBANY___LFGE 323615	30.50 0.71 0.00	26.72 0.65 0.00	25.00 0.61 0.00	25.66 0.60 0.00	25.57 0.55 0.00	31.52 0.62 0.00	39.91 0.67 0.00	40.11 0.75 0.00	42.10 0.87 0.00	42.22 0.83 0.00	42.95 0.92 0.00	41.39 0.73 0.00	39.88 0.71 0.00	39.38 0.70 0.00	40.15 0.71 0.00	40.47 0.75 0.00	42.77 0.84 0.00	41.71 0.90 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.07 0.73 0.00	46.16 0.72 0.00	37.66 0.74 0.00	35.80 0.63 0.00
ALCOA_PA_115KV_PL-6C 55860	29.87 0.09 0.00	26.09 0.03 0.00	24.41 0.02 0.00	25.14 0.08 0.00	25.12 0.10 0.00	31.03 0.12 0.00	39.44 0.20 0.00	39.64 0.28 0.00	41.56 0.33 0.00	41.68 0.29 0.00	42.36 0.33 0.00	40.98 0.32 0.00	39.45 0.28 0.00	38.96 0.27 0.00	39.79 0.35 0.00	40.03 0.32 0.00	42.27 0.33 0.00	40.94 0.12 0.00	41.98 0.29 0.00	47.63 0.19 0.00	52.65 0.32 0.00	45.71 0.27 0.00	37.07 0.15 0.00	35.38 0.21 0.00
ALCOA_RYNLDS___DRP 24188	29.87 0.09 0.00	26.09 0.03 0.00	24.41 0.02 0.00	25.14 0.08 0.00	25.12 0.10 0.00	31.03 0.12 0.00	39.44 0.20 0.00	39.64 0.28 0.00	41.56 0.33 0.00	41.68 0.29 0.00	42.37 0.34 0.00	40.99 0.33 0.00	39.45 0.27 0.00	38.95 0.27 0.00	39.79 0.35 0.00	40.08 0.36 0.00	42.27 0.34 0.00	40.94 0.12 0.00	41.97 0.29 0.00	47.63 0.19 0.00	52.55 0.21 0.00	45.71 0.27 0.00	37.06 0.15 0.00	35.38 0.21 0.00
ALCOA___DSASP 323711	29.87 0.09 0.00	26.09 0.03 0.00	24.41 0.02 0.00	25.14 0.08 0.00	25.12 0.10 0.00	31.03 0.12 0.00	39.44 0.20 0.00	39.64 0.28 0.00	41.56 0.33 0.00	41.68 0.29 0.00	42.37 0.34 0.00	40.99 0.33 0.00	39.45 0.27 0.00	38.95 0.27 0.00	39.79 0.35 0.00	40.08 0.36 0.00	42.27 0.34 0.00	40.94 0.12 0.00	41.97 0.29 0.00	47.63 0.19 0.00	52.55 0.21 0.00	45.71 0.27 0.00	37.06 0.15 0.00	35.38 0.21 0.00
ALLEGHENY___COGEN 23514	28.80 -0.95 0.03	25.13 -0.91 0.03	23.53 -0.83 0.03	24.26 -0.78 0.03	24.21 -0.78 0.03	33.93 -0.68 -3.70	40.85 0.00 -1.60	39.22 -0.39 -0.24	47.36 -0.54 -6.67	50.83 -0.95 -10.39	49.16 -1.39 -8.52	47.61 -1.46 -8.41	37.96 -1.49 -0.28	37.10 -1.59 0.00	43.03 -1.50 -5.09	45.40 -1.55 -7.23	57.79 -1.64 -17.49	46.11 -1.14 -6.44	41.05 -0.62 0.01	46.94 0.38 0.88	51.87 0.68 1.14	45.76 0.32 0.00	37.18 0.26 0.00	34.99 -0.17 0.00
ALTAMONT_115KV_TB 2 55880	30.50 0.71 0.00	26.72 0.65 0.00	25.00 0.61 0.00	25.64 0.58 0.00	25.57 0.55 0.00	31.59 0.68 0.00	39.99 0.75 0.00	40.19 0.83 0.00	42.14 0.91 0.00	42.26 0.87 0.00	42.91 0.88 0.00	41.43 0.77 0.00	39.92 0.74 0.00	39.42 0.73 0.00	40.23 0.79 0.00	40.55 0.83 0.00	42.86 0.92 0.00	41.79 0.98 0.00	42.60 0.92 0.00	48.44 1.00 0.00	53.38 1.05 0.00	46.35 0.91 0.00	37.69 0.78 0.00	35.87 0.70 0.00
ALTONA_WT_PWR 323606	29.72 -0.06 0.00	25.99 -0.08 0.00	24.34 -0.05 0.00	25.04 -0.03 0.00	25.05 0.03 0.00	30.97 0.06 0.00	39.40 0.16 0.00	39.64 0.28 0.00	41.56 0.33 0.00	41.72 0.33 0.00	42.36 0.33 0.00	41.03 0.37 0.00	39.49 0.31 0.00	38.99 0.31 0.00	39.79 0.35 0.00	40.03 0.32 0.00	42.27 0.33 0.00	41.06 0.25 0.00	42.06 0.37 0.00	47.73 0.29 0.00	52.75 0.42 0.00	45.76 0.32 0.00	37.07 0.15 0.00	35.34 0.18 0.00
AMERICAN_REF_FUEL 24010	25.68 -4.08 0.02	22.61 -3.44 0.02	21.05 -3.32 0.02	21.93 -3.11 0.02	21.75 -3.25 0.02	24.63 -4.23 2.04	34.05 -4.75 0.44	34.61 -4.69 0.07	34.35 -4.82 2.05	33.25 -4.93 3.21	34.36 -5.04 2.62	33.22 -4.84 2.60	34.33 -4.62 0.23	34.20 -4.49 0.00	33.03 -4.81 1.59	32.53 -5.16 2.03	31.32 -5.70 4.91	33.58 -5.43 1.80	36.63 -5.04 0.01	41.63 -4.74 1.07	45.72 -5.23 1.39	40.80 -4.64 0.00	33.52 -3.40 0.00	31.54 -3.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.96 -2.80 0.02	23.62 -2.42 0.02	22.07 -2.29 0.02	22.83 -2.21 0.02	22.67 -2.33 0.02	26.27 -2.47 2.16	36.47 -2.32 0.46	36.53 -2.76 0.08	36.93 -2.27 2.03	35.99 -2.24 3.17	37.08 -2.35 2.59	35.86 -2.24 2.57	36.69 -2.27 0.21	35.90 -2.79 0.00	35.55 -2.33 1.57	35.18 -2.50 2.04	34.11 -2.89 4.93	36.26 -2.73 1.82	38.55 -3.13 0.01	43.79 -2.66 1.00	48.22 -2.83 1.29	43.03 -2.41 0.00	35.22 -1.70 0.00	33.20 -1.97 0.00
ARTHUR KILL_GT_1 23520	32.02 2.23 -0.01	28.06 1.98 -0.01	26.22 1.83 -0.01	26.88 1.80 -0.01	26.80 1.78 -0.01	33.14 2.23 -0.01	41.76 2.51 0.00	42.40 3.03 0.00	44.50 3.26 -0.01	44.92 3.52 -0.01	45.48 3.45 -0.01	44.00 3.33 -0.01	42.51 3.33 -0.01	41.90 3.21 -0.01	42.80 3.35 -0.01	43.06 3.34 -0.01	45.42 3.48 -0.01	44.25 3.43 -0.01	44.82 3.13 -0.01	50.77 3.32 -0.01	56.32 3.98 -0.01	48.67 3.23 -0.01	39.40 2.47 -0.01	37.25 2.07 -0.01
ARTHUR_KILL_2 23512	31.96 2.17 -0.01	27.98 1.90 -0.01	26.17 1.78 -0.01	26.82 1.75 -0.01	26.73 1.70 -0.01	33.08 2.16 -0.01	41.64 2.39 0.00	42.24 2.87 0.00	44.37 3.13 -0.01	44.83 3.43 -0.01	45.36 3.32 -0.01	43.92 3.25 -0.01	42.43 3.25 -0.01	41.82 3.13 -0.01	42.72 3.27 -0.01	42.98 3.26 -0.01	45.34 3.40 -0.01	44.17 3.35 -0.01	44.69 3.00 -0.01	50.63 3.18 -0.01	56.06 3.72 -0.01	48.58 3.13 -0.01	39.29 2.36 -0.01	37.18 2.00 -0.01
ARTHUR_KILL_3 23513	31.39 1.61 0.00	27.50 1.43 0.00	25.73 1.34 0.00	26.34 1.28 0.00	26.27 1.25 0.00	32.48 1.58 0.00	41.09 1.84 0.00	41.65 2.28 0.00	43.70 2.47 0.00	44.21 2.82 0.00	44.76 2.73 0.00	43.30 2.64 0.00	41.88 2.70 0.00	41.24 2.55 0.00	42.20 2.76 0.00	42.42 2.70 0.00	44.74 2.81 0.00	43.55 2.73 0.00	44.14 2.46 0.00	50.00 2.56 0.00	55.48 3.14 0.00	47.98 2.54 0.00	38.73 1.81 0.00	36.53 1.37 0.00

ARTHUR_KILL_COGEN 323718	32.03 2.23 -0.01	28.03 1.96 -0.01	26.22 1.83 -0.01	26.88 1.81 -0.01	26.81 1.78 -0.01	33.14 2.23 -0.01	41.76 2.51 0.00	42.36 2.99 0.00	44.50 3.26 -0.01	44.92 3.52 -0.01	45.48 3.45 -0.01	44.00 3.33 -0.01	42.55 3.37 -0.01	41.90 3.21 -0.01	42.80 3.35 -0.01	43.10 3.37 -0.01	45.46 3.52 -0.01	44.25 3.43 -0.01	44.82 3.13 -0.01	50.77 3.32 -0.01	56.22 3.87 -0.01	48.67 3.23 -0.01	39.40 2.47 -0.01	37.25 2.07 -0.01
ASHOKAN____ 23654	31.36 1.58 0.00	27.45 1.38 0.00	25.70 1.32 0.00	26.32 1.25 0.00	26.20 1.18 0.00	32.36 1.45 0.00	40.93 1.69 0.00	41.02 1.65 0.00	42.84 1.61 0.00	42.88 1.49 0.00	43.37 1.34 0.00	41.84 1.18 0.00	40.39 1.22 0.00	39.92 1.24 0.00	40.74 1.30 0.00	41.11 1.39 0.00	43.61 1.68 0.00	42.61 1.79 0.00	43.39 1.71 0.00	49.39 1.95 0.00	54.74 2.41 0.00	47.48 2.05 0.00	38.65 1.74 0.00	36.68 1.51 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.70 1.91 -0.01	27.75 1.67 -0.01	25.96 1.56 -0.01	26.60 1.53 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.88 1.65 0.01	41.56 2.20 0.01	43.74 2.52 0.01	44.24 2.85 0.01	44.75 2.73 0.01	43.29 2.64 0.01	41.87 2.70 0.01	41.27 2.59 0.01	42.15 2.72 0.01	42.37 2.66 0.01	44.69 2.77 0.01	43.50 2.69 0.01	44.09 2.42 0.01	49.90 2.47 0.01	55.20 2.88 0.01	47.79 2.36 0.01	38.57 1.66 0.01	36.57 1.41 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.70 1.91 -0.01	27.75 1.67 -0.01	25.96 1.56 -0.01	26.60 1.53 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.88 1.65 0.01	41.56 2.20 0.01	43.74 2.52 0.01	44.24 2.85 0.01	44.75 2.73 0.01	43.29 2.64 0.01	41.87 2.70 0.01	41.27 2.59 0.01	42.15 2.72 0.01	42.37 2.66 0.01	44.69 2.77 0.01	43.50 2.69 0.01	44.09 2.42 0.01	49.90 2.47 0.01	55.20 2.88 0.01	47.79 2.36 0.01	38.57 1.66 0.01	36.57 1.41 0.00
ASTORIA_GT2_1 24094	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00
ASTORIA_GT2_2 24095	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00
ASTORIA_GT2_3 24096	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00
ASTORIA_GT2_4 24097	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00
ASTORIA_GT3_1 24098	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00
ASTORIA_GT3_2 24099	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00
ASTORIA_GT3_3 24100	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00
ASTORIA_GT3_4 24101	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00
ASTORIA_GT4_1 24102	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00
ASTORIA_GT4_2 24103	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00
ASTORIA_GT4_3 24104	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00

ASTORIA_GT4_4 24105	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.59 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.93 1.69 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.58 1.66 0.00	36.61 1.44 0.00
ASTORIA_GT_1 23523	31.76 1.97 -0.01	27.80 1.72 -0.01	26.00 1.61 -0.01	26.65 1.58 -0.01	26.58 1.55 -0.01	32.86 1.95 -0.01	40.97 1.73 0.00	41.69 2.32 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.85 2.82 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.24 2.80 0.00	42.46 2.74 0.00	44.78 2.85 0.00	43.63 2.82 0.00	44.18 2.50 0.00	50.00 2.56 0.00	55.42 3.09 0.00	47.89 2.45 0.00	38.65 1.74 0.00	36.64 1.48 0.00
ASTORIA_GT_10 24110	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.57 1.50 -0.01	26.48 1.45 -0.01	32.74 1.82 -0.01	41.17 1.92 0.00	41.81 2.44 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.04 2.86 0.00	41.43 2.75 0.00	42.32 2.88 0.00	42.54 2.82 0.00	44.87 2.94 0.00	43.71 2.90 0.00	44.27 2.58 0.00	50.10 2.66 0.00	55.53 3.19 0.00	48.03 2.59 0.00	38.80 1.88 0.00	36.71 1.55 0.00
ASTORIA_GT_11 24225	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.57 1.50 -0.01	26.48 1.45 -0.01	32.74 1.82 -0.01	41.17 1.92 0.00	41.81 2.44 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.04 2.86 0.00	41.43 2.75 0.00	42.32 2.88 0.00	42.54 2.82 0.00	44.87 2.94 0.00	43.71 2.90 0.00	44.27 2.58 0.00	50.10 2.66 0.00	55.53 3.19 0.00	48.03 2.59 0.00	38.80 1.88 0.00	36.71 1.55 0.00
ASTORIA_GT_12 24226	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.57 1.50 -0.01	26.48 1.45 -0.01	32.74 1.82 -0.01	41.17 1.92 0.00	41.81 2.44 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.04 2.86 0.00	41.43 2.75 0.00	42.32 2.88 0.00	42.54 2.82 0.00	44.87 2.94 0.00	43.71 2.90 0.00	44.27 2.58 0.00	50.10 2.66 0.00	55.53 3.19 0.00	48.03 2.59 0.00	38.80 1.88 0.00	36.71 1.55 0.00
ASTORIA_GT_13 24227	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.57 1.50 -0.01	26.48 1.45 -0.01	32.74 1.82 -0.01	41.17 1.92 0.00	41.81 2.44 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.04 2.86 0.00	41.43 2.75 0.00	42.32 2.88 0.00	42.54 2.82 0.00	44.87 2.94 0.00	43.71 2.90 0.00	44.27 2.58 0.00	50.10 2.66 0.00	55.53 3.19 0.00	48.03 2.59 0.00	38.80 1.88 0.00	36.71 1.55 0.00
ASTORIA_GT_5 24106	31.76 1.97 -0.01	27.80 1.72 -0.01	26.00 1.61 -0.01	26.65 1.58 -0.01	26.58 1.55 -0.01	32.86 1.95 -0.01	40.97 1.73 0.00	41.69 2.32 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.85 2.82 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.24 2.80 0.00	42.46 2.74 0.00	44.78 2.85 0.00	43.63 2.82 0.00	44.18 2.50 0.00	50.00 2.56 0.00	55.42 3.09 0.00	47.89 2.45 0.00	38.65 1.74 0.00	36.64 1.48 0.00
ASTORIA_GT_7 24107	31.76 1.97 -0.01	27.80 1.72 -0.01	26.00 1.61 -0.01	26.65 1.58 -0.01	26.58 1.55 -0.01	32.86 1.95 -0.01	40.97 1.73 0.00	41.69 2.32 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.85 2.82 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.24 2.80 0.00	42.46 2.74 0.00	44.78 2.85 0.00	43.63 2.82 0.00	44.18 2.50 0.00	50.00 2.56 0.00	55.42 3.09 0.00	47.89 2.45 0.00	38.65 1.74 0.00	36.64 1.48 0.00
ASTORIA_GT_8 24108	31.76 1.97 -0.01	27.80 1.72 -0.01	26.00 1.61 -0.01	26.65 1.58 -0.01	26.58 1.55 -0.01	32.86 1.95 -0.01	40.97 1.73 0.00	41.69 2.32 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.85 2.82 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.24 2.80 0.00	42.46 2.74 0.00	44.78 2.85 0.00	43.63 2.82 0.00	44.18 2.50 0.00	50.00 2.56 0.00	55.42 3.09 0.00	47.89 2.45 0.00	38.65 1.74 0.00	36.64 1.48 0.00
ASTORIA___2 24149	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.58 -0.01	26.63 1.55 -0.01	26.53 1.50 -0.01	32.83 1.92 -0.01	40.92 1.69 0.01	41.56 2.20 0.01	43.74 2.52 0.01	44.24 2.85 0.01	44.75 2.73 0.01	43.34 2.68 0.01	41.87 2.70 0.01	41.27 2.59 0.01	42.15 2.72 0.01	42.41 2.70 0.01	44.74 2.81 0.01	43.54 2.73 0.01	44.09 2.42 0.01	49.90 2.47 0.01	55.20 2.88 0.01	47.79 2.36 0.01	38.57 1.66 0.01	36.61 1.44 0.00
ASTORIA___3 23516	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.55 1.48 -0.01	26.48 1.45 -0.01	32.74 1.82 -0.01	41.17 1.92 0.00	41.77 2.40 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.93 2.90 0.00	43.51 2.85 0.00	42.07 2.90 0.00	41.43 2.75 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.91 2.98 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.10 2.66 0.00	55.42 3.09 0.00	48.03 2.59 0.00	38.80 1.88 0.00	36.71 1.55 0.00
ASTORIA___4 23517	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.57 1.50 -0.01	26.48 1.45 -0.01	32.74 1.82 -0.01	41.17 1.92 0.00	41.81 2.44 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.04 2.86 0.00	41.43 2.75 0.00	42.32 2.88 0.00	42.54 2.82 0.00	44.87 2.94 0.00	43.71 2.90 0.00	44.27 2.58 0.00	50.10 2.66 0.00	55.53 3.19 0.00	48.03 2.59 0.00	38.80 1.88 0.00	36.71 1.55 0.00
ASTORIA___5 23518	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.55 1.48 -0.01	26.48 1.45 -0.01	32.74 1.82 -0.01	41.17 1.92 0.00	41.77 2.40 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.93 2.90 0.00	43.51 2.85 0.00	42.07 2.90 0.00	41.43 2.75 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.91 2.98 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.10 2.66 0.00	55.48 3.14 0.00	48.03 2.59 0.00	38.80 1.88 0.00	36.71 1.55 0.00
AST_ENERGY_2_CC3 323677	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.77 2.40 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.85 2.82 0.00	43.43 2.77 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.54 2.82 0.00	44.87 2.93 0.00	43.67 2.86 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.58 3.25 0.00	48.07 2.63 0.00	38.84 1.92 0.00	36.68 1.51 0.00
AST_ENERGY_2_CC4 323678	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.77 2.40 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.85 2.82 0.00	43.43 2.77 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.54 2.82 0.00	44.87 2.93 0.00	43.67 2.86 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.58 3.25 0.00	48.07 2.63 0.00	38.84 1.92 0.00	36.68 1.51 0.00

ATHENS_STG_1 23668	30.76 0.98 0.00	26.93 0.86 0.00	25.19 0.80 0.00	25.84 0.78 0.00	25.77 0.75 0.00	31.87 0.96 0.00	40.26 1.02 0.00	40.55 1.18 0.00	42.55 1.32 0.00	42.76 1.36 0.00	43.37 1.34 0.00	41.92 1.26 0.00	40.47 1.29 0.00	39.92 1.24 0.00	40.78 1.34 0.00	41.07 1.35 0.00	43.36 1.43 0.00	42.28 1.47 0.00	43.01 1.33 0.00	48.82 1.38 0.00	53.85 1.52 0.00	46.80 1.36 0.00	37.99 1.07 0.00	36.08 0.91 0.00
ATHENS_STG_2 23670	30.76 0.98 0.00	26.93 0.86 0.00	25.19 0.80 0.00	25.84 0.78 0.00	25.77 0.75 0.00	31.87 0.96 0.00	40.26 1.02 0.00	40.55 1.18 0.00	42.55 1.32 0.00	42.76 1.36 0.00	43.37 1.34 0.00	41.92 1.26 0.00	40.47 1.29 0.00	39.92 1.24 0.00	40.78 1.34 0.00	41.07 1.35 0.00	43.36 1.43 0.00	42.28 1.47 0.00	43.01 1.33 0.00	48.82 1.38 0.00	53.85 1.52 0.00	46.80 1.36 0.00	37.99 1.07 0.00	36.08 0.91 0.00
ATHENS_STG_3 23677	30.76 0.98 0.00	26.93 0.86 0.00	25.19 0.80 0.00	25.84 0.78 0.00	25.77 0.75 0.00	31.87 0.96 0.00	40.26 1.02 0.00	40.55 1.18 0.00	42.55 1.32 0.00	42.76 1.36 0.00	43.37 1.34 0.00	41.92 1.26 0.00	40.47 1.29 0.00	39.92 1.24 0.00	40.78 1.34 0.00	41.07 1.35 0.00	43.36 1.43 0.00	42.28 1.47 0.00	43.01 1.33 0.00	48.82 1.38 0.00	53.85 1.52 0.00	46.80 1.36 0.00	37.99 1.07 0.00	36.08 0.91 0.00
AUBURN___LFGE 323710	29.55 -0.24 -0.01	25.84 -0.23 -0.01	24.17 -0.22 -0.01	24.84 -0.23 -0.01	24.83 -0.20 -0.01	30.91 -0.15 -0.16	39.34 0.04 -0.06	39.45 0.08 -0.01	41.61 0.12 -0.25	42.04 0.12 -0.53	42.44 0.04 -4.15	41.37 0.08 -0.63	39.15 -0.04 -0.01	39.28 -0.12 -0.72	40.64 -0.08 -1.28	41.45 0.00 -1.73	44.05 -0.08 -2.20	42.24 -0.04 -1.46	42.50 0.04 -0.78	47.86 0.28 -0.14	53.10 0.42 -0.35	46.76 0.23 -1.09	37.06 0.15 0.00	35.24 0.07 0.00
BABYLON_RES_REC 323704	32.06 2.26 -0.01	28.05 1.98 0.00	26.17 1.78 0.00	26.84 1.78 0.00	26.86 1.83 -0.01	33.20 2.29 -0.01	42.04 2.79 -0.01	45.28 3.11 -2.80	49.01 3.26 -4.53	49.02 3.48 -4.15	49.67 3.24 -4.40	49.94 3.09 -6.19	49.92 3.09 -7.65	49.98 2.98 -8.32	49.53 3.23 -6.85	48.56 3.29 -5.55	49.56 3.40 -4.23	50.29 3.35 -6.13	54.34 3.13 -9.54	65.38 3.46 -14.48	66.11 4.03 -9.74	58.24 3.36 -9.44	48.33 2.69 -8.72	43.61 2.36 -6.09
BALL_HILL_WT_PWR 323825	26.84 -2.92 0.02	23.52 -2.53 0.02	22.00 -2.37 0.02	22.74 -2.31 0.02	22.60 -2.40 0.02	26.02 -2.66 2.23	36.14 -2.63 0.48	36.21 -3.07 0.08	36.51 -2.60 2.12	35.47 -2.61 3.31	36.51 -2.82 2.71	35.38 -2.60 2.68	36.33 -2.62 0.22	35.55 -3.13 0.00	35.08 -2.72 1.64	34.65 -2.94 2.13	33.44 -3.36 5.14	35.74 -3.18 1.90	38.09 -3.58 0.01	43.20 -3.23 1.02	47.52 -3.51 1.31	42.49 -2.95 0.00	34.78 -2.14 0.00	32.81 -2.36 0.00
BARON_WINDS___WT_PWR 323822	27.42 -2.32 0.04	24.02 -2.01 0.04	22.47 -1.88 0.04	23.15 -1.88 0.04	23.13 -1.85 0.04	25.32 -1.85 3.73	36.64 -1.49 1.11	37.07 -2.13 0.17	34.83 -1.69 4.70	32.47 -1.61 7.30	34.06 -1.97 6.00	33.08 -1.71 5.87	37.13 -1.76 0.28	36.35 -2.48 -0.15	34.13 -1.93 3.37	32.92 -2.11 4.69	27.80 -2.39 11.75	34.34 -2.28 4.19	39.16 -2.67 -0.15	44.37 -2.37 0.70	49.01 -2.46 0.87	43.57 -2.09 -0.22	35.29 -1.62 0.00	33.33 -1.83 0.00
BARRETT_IC_1 23704	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT_IC_10 23701	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT_IC_11 23702	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT_IC_12 23703	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT_IC_2 23705	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT_IC_3 23706	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT_IC_4 23707	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT_IC_5 23708	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88

BARRETT_IC_6 23709	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT_IC_7 23710	31.82 2.03 -0.01	27.95 1.88 0.00	26.05 1.66 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.01	41.73 2.47 -0.01	44.67 2.60 -2.71	48.24 2.64 -4.37	48.26 2.86 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.16 2.59 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.78 2.70 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.34 3.24 -8.76	56.86 2.64 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT_IC_8 23711	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT_IC_9 23700	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT___1 23545	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BARRETT___2 23546	31.83 2.03 -0.02	27.92 1.85 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.73 1.70 -0.01	33.02 2.10 -0.02	41.73 2.47 -0.02	44.63 2.56 -2.71	48.24 2.64 -4.37	48.26 2.85 -4.01	48.93 2.65 -4.25	49.20 2.56 -5.98	49.15 2.58 -7.39	49.20 2.48 -8.04	48.78 2.72 -6.62	47.82 2.74 -5.36	48.87 2.85 -4.08	49.47 2.73 -5.92	53.18 2.46 -9.04	63.53 2.70 -13.38	64.29 3.19 -8.76	56.86 2.63 -8.79	47.41 2.07 -8.42	42.87 1.83 -5.88
BATAVIA__115KV_TB1 55881	27.21 -2.56 0.02	23.84 -2.22 0.02	22.27 -2.10 0.02	23.07 -1.98 0.02	22.93 -2.08 0.02	26.56 -2.66 1.69	36.32 -2.67 0.25	36.61 -2.72 0.04	37.45 -2.56 1.22	36.75 -2.73 1.91	37.57 -2.90 1.56	36.27 -2.85 1.55	35.98 -2.74 0.45	36.01 -2.67 0.00	35.66 -2.84 0.94	35.34 -3.06 1.32	35.31 -3.44 3.19	36.46 -3.18 1.17	38.84 -2.83 0.01	44.16 -2.23 1.06	48.56 -2.41 1.36	43.17 -2.27 0.00	35.33 -1.59 0.00	33.23 -1.93 0.00
BAYONEEC___CTG1 323682	31.51 1.73 0.00	27.58 1.51 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.81 2.44 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.27 2.46 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00
BAYONEEC___CTG10 323750	31.51 1.73 0.00	27.58 1.51 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.81 2.44 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00
BAYONEEC___CTG2 323683	31.51 1.73 0.00	27.58 1.51 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.81 2.44 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00
BAYONEEC___CTG3 323684	31.51 1.73 0.00	27.58 1.51 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.81 2.44 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00
BAYONEEC___CTG4 323685	31.51 1.73 0.00	27.58 1.51 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.81 2.44 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00
BAYONEEC___CTG5 323686	31.51 1.73 0.00	27.58 1.51 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.81 2.44 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00
BAYONEEC___CTG6 323687	31.51 1.73 0.00	27.58 1.51 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.81 2.44 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00
BAYONEEC___CTG7 323688	31.51 1.73 0.00	27.58 1.51 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.81 2.44 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00

BAYONEEC___CTG8 323689	31.51 1.73 0.00	27.58 1.51 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.81 2.44 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00
BAYONEEC___CTG9 323749	31.51 1.73 0.00	27.58 1.51 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.81 2.44 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00
BAYPORT_69_KV_BK 2 356364	32.44 2.65 -0.01	28.36 2.29 0.00	26.41 2.02 0.00	27.12 2.06 0.00	27.16 2.13 -0.01	33.60 2.69 -0.01	42.59 3.34 -0.01	45.71 3.74 -2.60	49.31 3.88 -4.21	49.27 4.02 -3.86	49.95 3.82 -4.09	50.07 3.66 -5.75	49.93 3.64 -7.12	49.94 3.52 -7.73	49.60 3.79 -6.37	48.69 3.81 -5.16	49.89 4.03 -3.93	50.51 4.00 -5.70	54.97 3.79 -9.49	67.38 4.27 -15.67	68.79 5.02 -11.43	59.66 4.23 -10.00	48.34 3.32 -8.11	43.78 2.95 -5.66
BEACON___LESR 323632	30.65 0.86 0.00	26.85 0.78 0.00	25.09 0.71 0.00	25.76 0.70 0.00	25.67 0.65 0.00	31.71 0.80 0.00	40.15 0.90 0.00	40.35 0.98 0.00	42.34 1.11 0.00	42.47 1.07 0.00	43.20 1.18 0.00	41.60 0.94 0.00	40.04 0.86 0.00	39.53 0.85 0.00	40.35 0.91 0.00	40.67 0.95 0.00	42.98 1.05 0.00	41.96 1.14 0.00	42.76 1.08 0.00	48.58 1.14 0.00	53.44 1.10 0.00	46.44 1.00 0.00	37.88 0.96 0.00	36.01 0.84 0.00
BEAVER RIVER___HYD 24048	29.75 -0.03 0.00	26.04 -0.03 0.00	24.36 -0.02 0.00	25.19 0.13 0.00	25.15 0.13 0.00	31.06 0.16 0.00	39.72 0.47 0.00	39.88 0.51 0.00	41.31 0.08 0.00	41.31 -0.16 -0.09	41.85 -0.21 -0.03	40.78 -0.08 -0.20	38.90 -0.27 0.00	38.72 -0.42 -0.46	39.83 -0.32 -0.71	40.42 -0.24 -0.94	42.84 -0.08 -0.99	41.40 -0.20 -0.79	42.14 -0.04 -0.50	48.03 0.33 -0.25	53.24 0.47 -0.44	46.55 0.41 -0.70	37.21 0.29 0.00	35.52 0.35 0.00
BEEBEE_GT_13 23619	28.22 -1.55 0.01	24.70 -1.36 0.01	23.08 -1.29 0.01	23.85 -1.20 0.01	23.76 -1.25 0.01	28.24 -1.67 1.00	37.61 -1.69 -0.05	37.72 -1.65 -0.01	39.89 -1.61 -0.27	40.23 -1.57 -0.42	40.82 -1.56 -0.34	39.45 -1.55 -0.34	37.73 -1.49 -0.04	37.45 -1.24 0.00	38.03 -1.62 -0.20	38.30 -1.71 -0.29	40.66 -1.97 -0.70	39.15 -1.92 -0.26	40.21 -1.46 0.01	45.36 -1.04 1.04	49.95 -1.05 1.34	44.21 -1.23 0.00	36.03 -0.89 0.00	34.04 -1.13 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.91 2.11 -0.01	27.93 1.85 -0.01	26.13 1.73 -0.01	26.75 1.68 -0.01	26.68 1.65 -0.01	32.98 2.07 -0.01	41.56 2.32 0.00	42.28 2.91 0.00	44.37 3.13 -0.01	44.88 3.48 -0.01	45.44 3.40 -0.01	43.96 3.29 -0.01	42.47 3.29 -0.01	41.86 3.17 -0.01	42.76 3.31 -0.01	42.98 3.26 -0.01	45.38 3.44 -0.01	44.21 3.39 -0.01	44.73 3.04 -0.01	50.68 3.23 -0.01	56.22 3.87 -0.01	48.58 3.14 -0.01	39.25 2.33 -0.01	37.11 1.93 -0.01
BETHLEHEM___GRP 23843	30.29 0.51 0.00	26.54 0.47 0.00	24.83 0.44 0.00	25.46 0.40 0.00	25.40 0.38 0.00	31.28 0.37 0.00	39.56 0.31 0.00	39.76 0.39 0.00	41.68 0.45 0.00	41.81 0.41 0.00	42.53 0.50 0.00	40.99 0.33 0.00	39.49 0.31 0.00	39.03 0.35 0.00	39.79 0.35 0.00	40.12 0.40 0.00	42.39 0.46 0.00	41.35 0.53 0.00	42.14 0.46 0.00	47.77 0.33 0.00	52.65 0.31 0.00	45.76 0.32 0.00	37.32 0.41 0.00	35.52 0.35 0.00
BETHLEHEM___GS1 323560	30.29 0.51 0.00	26.54 0.47 0.00	24.83 0.44 0.00	25.46 0.40 0.00	25.37 0.35 0.00	31.28 0.37 0.00	39.56 0.31 0.00	39.76 0.39 0.00	41.73 0.50 0.00	41.81 0.41 0.00	42.54 0.51 0.00	40.98 0.32 0.00	39.49 0.31 0.00	38.99 0.31 0.00	39.79 0.35 0.00	40.08 0.36 0.00	42.40 0.46 0.00	41.34 0.53 0.00	42.14 0.46 0.00	47.78 0.33 0.00	52.55 0.21 0.00	45.76 0.32 0.00	37.32 0.41 0.00	35.52 0.35 0.00
BETHLEHEM___GS2 323561	30.29 0.51 0.00	26.54 0.47 0.00	24.83 0.44 0.00	25.46 0.40 0.00	25.37 0.35 0.00	31.28 0.37 0.00	39.56 0.31 0.00	39.76 0.39 0.00	41.73 0.50 0.00	41.81 0.41 0.00	42.54 0.51 0.00	40.98 0.32 0.00	39.49 0.31 0.00	38.99 0.31 0.00	39.79 0.35 0.00	40.08 0.36 0.00	42.40 0.46 0.00	41.34 0.53 0.00	42.14 0.46 0.00	47.78 0.33 0.00	52.55 0.21 0.00	45.76 0.32 0.00	37.32 0.41 0.00	35.52 0.35 0.00
BETHLEHEM___GS3 323562	30.29 0.51 0.00	26.54 0.47 0.00	24.83 0.44 0.00	25.46 0.40 0.00	25.37 0.35 0.00	31.28 0.37 0.00	39.56 0.31 0.00	39.76 0.39 0.00	41.73 0.50 0.00	41.81 0.41 0.00	42.54 0.51 0.00	40.98 0.32 0.00	39.49 0.31 0.00	38.99 0.31 0.00	39.79 0.35 0.00	40.08 0.36 0.00	42.40 0.46 0.00	41.34 0.53 0.00	42.14 0.46 0.00	47.78 0.33 0.00	52.55 0.21 0.00	45.76 0.32 0.00	37.32 0.41 0.00	35.52 0.35 0.00
BETHLEHEM___STEEL 23779	26.66 -3.10 0.02	23.39 -2.66 0.02	21.85 -2.51 0.02	22.56 -2.48 0.02	22.42 -2.58 0.02	25.81 -2.91 2.19	35.85 -2.94 0.46	36.10 -3.19 0.08	36.40 -2.80 2.03	35.37 -2.86 3.16	36.33 -3.11 2.59	35.25 -2.85 2.56	36.10 -2.86 0.22	35.28 -3.40 0.00	34.96 -2.92 1.56	34.27 -3.26 2.19	32.96 -3.69 5.29	35.36 -3.51 1.95	37.76 -3.92 0.01	42.86 -3.56 1.03	47.13 -3.87 1.33	42.12 -3.32 0.00	34.55 -2.36 0.00	32.56 -2.60 0.00
BETHLHEM_115KV_TB1 79974	30.32 0.54 0.00	26.56 0.50 0.00	24.85 0.46 0.00	25.51 0.45 0.00	25.42 0.40 0.00	31.34 0.43 0.00	39.64 0.39 0.00	39.84 0.47 0.00	41.81 0.58 0.00	41.89 0.50 0.00	42.62 0.59 0.00	41.07 0.41 0.00	39.61 0.43 0.00	39.11 0.43 0.00	39.87 0.43 0.00	40.20 0.48 0.00	42.48 0.55 0.00	41.43 0.61 0.00	42.22 0.54 0.00	47.92 0.47 0.00	52.75 0.42 0.00	45.85 0.41 0.00	37.40 0.48 0.00	35.59 0.42 0.00
BETHPAGE_CC_5 323564	32.03 2.23 -0.01	28.05 1.98 0.00	26.17 1.78 0.00	26.84 1.78 0.00	26.83 1.80 -0.01	33.17 2.25 -0.01	42.00 2.75 -0.01	45.35 3.03 -2.95	49.17 3.18 -4.77	49.16 3.39 -4.38	49.90 3.24 -4.64	50.27 3.09 -6.52	50.33 3.09 -8.06	50.42 2.98 -8.76	49.89 3.23 -7.22	48.82 3.26 -5.84	49.78 3.40 -4.45	50.58 3.30 -6.46	54.66 3.04 -9.94	65.69 3.37 -14.88	66.13 3.93 -9.86	58.45 3.27 -9.74	48.68 2.58 -9.18	43.86 2.28 -6.41
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.75 -3.01 0.02	23.44 -2.61 0.02	21.90 -2.46 0.02	22.58 -2.46 0.02	22.45 -2.55 0.02	26.01 -2.72 2.18	36.09 -2.71 0.45	36.34 -2.95 0.08	36.67 -2.56 2.00	35.71 -2.57 3.12	36.62 -2.86 2.56	35.57 -2.56 2.53	36.33 -2.62 0.22	35.32 -3.37 0.00	35.26 -2.64 1.54	34.54 -3.02 2.16	33.28 -3.44 5.22	35.67 -3.22 1.92	37.80 -3.88 0.01	42.86 -3.56 1.02	47.09 -3.93 1.32	42.17 -3.27 0.00	34.59 -2.33 0.00	32.60 -2.57 0.00

BINGHAMTON___COGEN 23790	29.87 0.09 0.00	26.14 0.08 0.00	24.43 0.05 0.00	25.11 0.05 0.00	25.07 0.05 0.00	30.66 0.19 0.43	39.58 0.43 0.09	39.74 0.39 0.02	41.27 0.45 0.41	41.35 0.54 0.58	41.95 0.42 0.50	40.82 0.53 0.37	39.61 0.47 0.04	39.30 0.27 -0.34	40.08 0.43 -0.21	40.36 0.40 -0.25	41.96 0.38 0.35	41.37 0.37 -0.18	42.35 0.25 -0.42	47.81 0.43 0.05	52.93 0.58 -0.02	46.44 0.41 -0.59	37.21 0.30 0.00	35.38 0.21 0.00
BIXINCNT_115KV_LOAD 355685	26.78 -2.98 0.02	23.39 -2.66 0.02	21.90 -2.46 0.02	22.53 -2.51 0.02	22.47 -2.53 0.02	26.51 -2.29 2.11	36.81 -2.00 0.44	36.93 -2.36 0.08	37.48 -1.81 1.94	36.55 -1.82 3.02	37.24 -2.31 2.48	36.26 -1.95 2.45	36.81 -2.15 0.21	35.28 -3.40 0.00	35.78 -2.17 1.49	35.04 -2.58 2.09	33.99 -2.89 5.06	36.26 -2.69 1.86	37.76 -3.92 0.01	42.80 -3.65 0.99	47.19 -3.87 1.27	42.39 -3.04 0.00	34.70 -2.22 0.00	32.74 -2.43 0.00
BLACK RIVER___HYD 24047	29.93 0.15 0.00	26.20 0.13 0.00	24.51 0.12 0.00	25.31 0.25 0.00	25.27 0.25 0.00	31.21 0.31 0.00	39.91 0.67 0.00	40.11 0.75 0.00	41.44 0.21 0.00	41.45 -0.08 -0.14	41.99 -0.08 -0.05	41.14 0.16 -0.32	39.14 -0.04 0.00	39.14 -0.27 -0.72	40.42 -0.12 -1.10	41.18 0.00 -1.46	43.68 0.21 -1.53	42.16 0.12 -1.22	42.75 0.29 -0.78	48.69 0.85 -0.39	54.11 1.10 -0.68	47.48 0.96 -1.09	37.47 0.55 0.00	35.76 0.60 0.00
BLACKRVR_115KV_TB2 79977	29.93 0.15 0.00	26.20 0.13 0.00	24.51 0.12 0.00	25.31 0.25 0.00	25.27 0.25 0.00	31.21 0.31 0.00	39.91 0.67 0.00	40.11 0.75 0.00	41.44 0.21 0.00	41.45 -0.08 -0.14	41.99 -0.08 -0.05	41.14 0.16 -0.32	39.14 -0.04 0.00	39.14 -0.27 -0.72	40.42 -0.12 -1.10	41.18 0.00 -1.46	43.68 0.21 -1.53	42.16 0.12 -1.22	42.90 0.29 -0.92	48.71 0.81 -0.47	54.24 1.10 -0.80	47.68 0.95 -1.29	37.47 0.55 0.00	35.76 0.60 0.00
BLISS_WT_PWR 323608	26.57 -3.19 0.02	23.18 -2.87 0.02	21.78 -2.59 0.02	22.46 -2.58 0.02	22.39 -2.60 0.02	26.45 -2.35 2.11	36.73 -2.08 0.44	36.30 -2.99 0.08	37.39 -1.90 1.94	36.43 -1.94 3.02	37.20 -2.35 2.48	36.14 -2.07 2.45	36.81 -2.15 0.21	35.28 -3.40 0.00	35.66 -2.29 1.49	35.15 -2.62 1.95	34.29 -2.94 4.71	36.26 -2.82 1.74	37.67 -4.00 0.01	42.66 -3.80 0.99	47.03 -4.03 1.27	42.30 -3.13 0.00	34.63 -2.29 0.00	32.70 -2.46 0.00
BLUESTONE___WT_PWR 323821	31.43 1.64 -0.01	27.57 1.49 -0.01	25.74 1.34 -0.01	26.48 1.40 -0.01	26.46 1.43 -0.01	32.56 1.95 0.29	41.94 2.75 0.05	42.31 2.95 0.01	43.88 2.89 0.24	43.86 2.77 0.31	44.52 2.77 0.28	43.80 3.29 0.15	42.16 3.02 0.03	41.46 2.44 -0.34	42.42 2.64 -0.33	42.63 2.46 -0.45	44.73 2.64 -0.15	43.59 2.41 -0.37	44.32 2.25 -0.39	50.33 2.94 0.06	55.59 3.25 -0.01	48.80 2.82 -0.55	38.95 2.03 0.00	36.96 1.79 0.00
BLUE_CIRC_CHEM_DRP 24182	30.62 0.83 0.00	26.82 0.76 0.00	25.09 0.71 0.00	25.76 0.70 0.00	25.67 0.65 0.00	31.71 0.80 0.00	40.11 0.86 0.00	40.31 0.94 0.00	42.22 0.99 0.00	42.34 0.95 0.00	43.00 0.97 0.00	41.47 0.81 0.00	39.96 0.78 0.00	39.46 0.77 0.00	40.23 0.79 0.00	40.55 0.83 0.00	42.86 0.92 0.00	41.84 1.02 0.00	42.64 0.96 0.00	48.49 1.04 0.00	53.49 1.15 0.00	46.44 1.00 0.00	37.84 0.92 0.00	36.01 0.84 0.00
BOC_GAS_DRP 24189	30.44 0.66 0.00	26.64 0.57 0.00	24.92 0.54 0.00	25.59 0.53 0.00	25.52 0.50 0.00	31.49 0.59 0.00	39.87 0.63 0.00	40.07 0.71 0.00	42.01 0.78 0.00	42.14 0.75 0.00	42.83 0.80 0.00	41.35 0.69 0.00	39.84 0.67 0.00	39.38 0.70 0.00	40.15 0.71 0.00	40.43 0.71 0.00	42.73 0.80 0.00	41.67 0.86 0.00	42.43 0.75 0.00	48.20 0.76 0.00	53.17 0.84 0.00	46.17 0.73 0.00	37.58 0.66 0.00	35.73 0.56 0.00
BOONVILLE_115KV_TB1 79983	30.23 0.45 0.00	26.46 0.39 0.00	24.78 0.39 0.00	25.56 0.50 0.00	25.52 0.50 0.00	31.55 0.65 0.00	40.26 1.02 0.00	40.47 1.10 0.00	42.10 0.87 0.00	42.15 0.70 -0.06	42.81 0.76 -0.02	41.69 0.89 -0.13	39.92 0.74 0.00	39.53 0.54 -0.30	40.57 0.67 -0.46	41.00 0.68 -0.61	43.45 0.88 -0.64	42.06 0.73 -0.51	42.90 0.83 -0.39	48.87 1.23 -0.20	54.09 1.41 -0.34	47.25 1.27 -0.54	37.84 0.92 0.00	36.04 0.88 0.00
BORALEX_4TH_BRANCH 23824	31.18 1.40 0.00	27.29 1.23 0.00	25.53 1.15 0.00	26.22 1.15 0.00	26.15 1.13 0.00	32.33 1.42 0.00	40.85 1.61 0.00	41.06 1.69 0.00	43.13 1.90 0.00	42.88 1.49 0.00	43.67 1.64 0.00	42.12 1.46 0.00	40.62 1.45 0.00	40.12 1.43 0.00	40.98 1.54 0.00	41.31 1.59 0.00	43.82 1.89 0.00	42.82 2.00 0.00	43.64 1.96 0.00	49.67 2.23 0.00	54.43 2.09 0.00	47.53 2.09 0.00	38.65 1.74 0.00	36.71 1.55 0.00
BOWLINE___1 23526	31.27 1.49 0.00	27.37 1.30 0.00	25.61 1.22 0.00	26.19 1.13 0.00	26.17 1.15 0.00	32.36 1.45 0.00	40.97 1.72 0.00	41.41 2.05 0.00	43.46 2.22 0.00	43.88 2.48 0.00	44.42 2.39 0.00	42.98 2.32 0.00	41.53 2.35 0.00	40.97 2.28 0.00	41.84 2.41 0.00	42.14 2.42 0.00	44.45 2.52 0.00	43.26 2.45 0.00	43.93 2.25 0.00	49.77 2.32 0.00	55.16 2.82 0.00	47.75 2.32 0.00	38.62 1.70 0.00	36.53 1.37 0.00
BOWLINE___2 23595	31.27 1.49 0.00	27.37 1.30 0.00	25.61 1.22 0.00	26.19 1.13 0.00	26.17 1.15 0.00	32.36 1.45 0.00	40.97 1.72 0.00	41.41 2.05 0.00	43.46 2.22 0.00	43.88 2.48 0.00	44.42 2.39 0.00	42.98 2.32 0.00	41.53 2.35 0.00	40.97 2.28 0.00	41.84 2.41 0.00	42.14 2.42 0.00	44.45 2.52 0.00	43.26 2.45 0.00	43.93 2.25 0.00	49.77 2.32 0.00	55.16 2.82 0.00	47.75 2.32 0.00	38.62 1.70 0.00	36.53 1.37 0.00
BRADY___115KV_TB2 356060	29.96 0.18 0.00	26.20 0.13 0.00	24.51 0.12 0.00	25.24 0.18 0.00	25.22 0.20 0.00	31.15 0.25 0.00	39.64 0.39 0.00	39.80 0.43 0.00	41.48 0.25 0.00	41.47 0.08 0.00	42.16 0.13 0.00	40.66 0.00 0.00	39.10 -0.08 0.00	38.65 -0.04 0.00	39.52 0.08 0.00	39.84 0.12 0.00	42.10 0.17 0.00	40.82 0.00 0.00	41.93 0.25 0.00	47.68 0.24 0.00	52.65 0.31 0.00	45.85 0.41 0.00	37.18 0.26 0.00	35.52 0.35 0.00
BRANSCOMB___SOLAR 323811	31.12 1.34 0.00	27.24 1.17 0.00	25.49 1.10 0.00	26.19 1.13 0.00	26.10 1.08 0.00	32.23 1.33 0.00	40.97 1.72 0.00	41.06 1.69 0.00	43.00 1.77 0.00	43.00 1.61 0.00	43.75 1.72 0.00	42.12 1.46 0.00	40.51 1.33 0.00	40.04 1.35 0.00	40.86 1.42 0.00	41.15 1.43 0.00	43.74 1.80 0.00	42.77 1.96 0.00	43.68 2.00 0.00	49.86 2.42 0.00	54.80 2.46 0.00	47.66 2.23 0.00	38.73 1.81 0.00	36.78 1.62 0.00
BRDGHMPT_69_KV_BK1 55812	31.97 2.17 -0.01	27.89 1.82 0.00	25.97 1.59 0.00	26.69 1.63 0.00	26.73 1.70 -0.01	33.11 2.19 -0.01	41.96 2.71 -0.01	45.44 3.50 -2.57	49.06 3.67 -4.16	49.02 3.81 -3.82	49.69 3.61 -4.04	49.92 3.58 -5.69	49.89 3.68 -7.03	50.04 3.71 -7.64	49.68 3.94 -6.30	48.71 3.89 -5.10	50.01 4.19 -3.88	50.69 4.24 -5.63	55.21 4.00 -9.53	67.99 4.55 -15.99	69.51 5.34 -11.84	60.10 4.50 -10.16	48.40 3.47 -8.01	43.89 3.13 -5.59

BRENTWOD_69_KV_W. BRTWOOD 56703	32.24 2.44 -0.01	28.21 2.14 0.00	26.29 1.90 0.00	26.97 1.90 0.00	27.01 1.98 -0.01	33.39 2.47 -0.01	42.32 3.06 -0.01	45.44 3.46 -2.61	49.00 3.55 -4.22	48.99 3.73 -3.87	49.62 3.49 -4.10	49.76 3.33 -5.77	49.64 3.33 -7.13	49.65 3.21 -7.75	49.30 3.47 -6.39	48.43 3.53 -5.17	49.52 3.65 -3.94	50.12 3.59 -5.71	54.64 3.33 -9.63	67.28 3.75 -16.09	68.65 4.45 -11.87	59.36 3.68 -10.24	48.00 2.95 -8.13	43.48 2.64 -5.67
BRISTLHL_115KV_TB1 79998	29.13 -0.66 0.00	25.50 -0.57 0.00	23.85 -0.54 0.00	24.51 -0.55 0.00	24.47 -0.55 0.00	30.26 -0.65 0.00	38.50 -0.75 0.00	38.42 -0.94 0.00	40.24 -0.99 0.00	40.73 -0.95 -0.29	41.16 -0.97 -0.10	40.39 -0.94 -0.67	38.27 -0.90 0.00	39.31 -0.89 -1.52	40.81 -0.95 -2.31	41.88 -0.91 -3.08	44.11 -1.05 -3.23	42.37 -1.02 -2.58	42.56 -1.04 -1.92	48.00 -1.09 -1.65	53.78 -1.10 -2.55	47.02 -1.09 -2.68	36.07 -0.85 0.00	34.39 -0.77 0.00
BROOKHAVEN___DRP 24191	32.21 2.41 -0.01	28.13 2.06 0.00	26.22 1.83 0.00	26.92 1.85 0.00	26.93 1.90 -0.01	33.33 2.41 -0.01	42.24 2.98 -0.01	45.29 3.35 -2.57	48.85 3.46 -4.16	48.81 3.60 -3.82	49.44 3.36 -4.04	49.56 3.21 -5.68	49.46 3.25 -7.03	49.46 3.13 -7.64	49.17 3.43 -6.30	48.27 3.46 -5.10	49.42 3.61 -3.88	50.08 3.63 -5.63	54.55 3.33 -9.54	67.21 3.75 -16.02	68.66 4.45 -11.87	59.44 3.82 -10.18	47.92 2.99 -8.01	43.46 2.71 -5.59
BROOKLYN_NAVY_YARD 23515	31.42 1.64 0.00	27.50 1.43 0.00	25.75 1.36 0.00	26.37 1.30 0.00	26.27 1.25 0.00	32.48 1.58 0.00	41.09 1.84 0.00	41.69 2.32 0.00	43.75 2.52 0.00	44.25 2.85 0.00	44.76 2.73 0.00	43.34 2.68 0.00	41.92 2.74 0.00	41.28 2.59 0.00	42.20 2.76 0.00	42.46 2.74 0.00	44.79 2.85 0.00	43.63 2.81 0.00	44.18 2.50 0.00	50.05 2.61 0.00	55.53 3.19 0.00	48.03 2.59 0.00	38.73 1.81 0.00	36.56 1.41 0.01
BROOKLYN___ARMY_DRP 323595	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
BROOME_2_LFGE 323671	29.84 0.06 0.00	26.12 0.05 0.00	24.43 0.05 0.00	25.11 0.05 0.00	25.07 0.05 0.00	30.67 0.19 0.43	39.58 0.43 0.09	39.70 0.35 0.02	41.27 0.45 0.41	41.31 0.50 0.58	41.95 0.42 0.50	40.82 0.53 0.37	39.65 0.51 0.04	39.30 0.27 -0.34	40.08 0.43 -0.21	40.39 0.40 -0.27	42.02 0.38 0.29	41.39 0.37 -0.21	42.33 0.25 -0.40	47.80 0.43 0.07	52.86 0.52 0.00	46.41 0.41 -0.56	37.21 0.29 0.00	35.38 0.21 0.00
BROOME___LFGE 323600	29.84 0.06 0.00	26.12 0.05 0.00	24.43 0.05 0.00	25.11 0.05 0.00	25.07 0.05 0.00	30.67 0.19 0.43	39.58 0.43 0.09	39.70 0.35 0.02	41.27 0.45 0.41	41.31 0.50 0.58	41.95 0.42 0.50	40.82 0.53 0.37	39.65 0.51 0.04	39.30 0.27 -0.34	40.08 0.43 -0.21	40.39 0.40 -0.27	42.02 0.38 0.29	41.39 0.37 -0.21	42.33 0.25 -0.40	47.80 0.43 0.07	52.86 0.52 0.00	46.41 0.41 -0.56	37.21 0.29 0.00	35.38 0.21 0.00
BROWNFLS_115KV_TB_3_5 80003	29.49 -0.30 0.00	25.78 -0.29 0.00	24.14 -0.24 0.00	24.89 -0.18 0.00	24.87 -0.15 0.00	30.66 -0.25 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	40.82 -0.41 0.00	40.83 -0.62 -0.06	41.42 -0.63 -0.02	40.07 -0.73 -0.14	38.35 -0.82 0.00	38.12 -0.89 -0.32	39.10 -0.83 -0.49	39.62 -0.75 -0.66	41.87 -0.75 -0.69	40.39 -0.98 -0.55	41.34 -0.79 -0.45	46.96 -0.71 -0.22	51.99 -0.73 -0.39	45.52 -0.55 -0.62	36.51 -0.41 0.00	34.92 -0.25 0.00
BROWNSV1_27_KV_LOAD 356125	31.69 1.91 0.00	27.76 1.69 0.00	25.95 1.56 0.00	26.59 1.53 0.00	26.50 1.48 0.00	32.79 1.89 0.00	41.48 2.24 0.00	42.12 2.76 0.00	44.16 2.93 0.00	44.66 3.27 0.00	45.22 3.19 0.00	43.75 3.09 0.00	42.27 3.09 0.00	41.66 2.98 0.00	42.59 3.16 0.00	42.82 3.10 0.00	45.20 3.27 0.00	44.00 3.18 0.00	44.60 2.92 0.00	50.53 3.08 0.00	56.16 3.82 0.00	48.44 3.00 0.00	39.10 2.18 0.00	36.92 1.76 0.00
BURROWS___LYONSDAL 23803	30.08 0.30 0.00	26.33 0.26 0.00	24.66 0.27 0.00	25.46 0.40 0.00	25.45 0.43 0.00	31.43 0.53 0.00	40.15 0.90 0.00	40.35 0.98 0.00	41.93 0.70 0.00	41.95 0.50 -0.06	42.56 0.50 -0.02	41.50 0.69 -0.15	39.68 0.51 0.00	39.33 0.31 -0.33	40.38 0.43 -0.51	40.87 0.48 -0.67	43.31 0.67 -0.70	41.91 0.53 -0.56	42.74 0.63 -0.43	48.66 1.00 -0.22	53.91 1.20 -0.37	47.13 1.09 -0.60	37.69 0.78 0.00	35.90 0.74 0.00
CAITHNESS_CC_1 323624	32.14 2.35 -0.01	28.10 2.03 0.00	26.17 1.78 0.00	26.87 1.81 0.00	26.91 1.88 -0.01	33.29 2.38 -0.01	42.16 2.90 -0.01	45.13 3.19 -2.57	48.73 3.34 -4.16	48.72 3.52 -3.81	49.31 3.24 -4.04	49.47 3.13 -5.68	49.34 3.14 -7.03	49.38 3.06 -7.64	49.05 3.31 -6.29	48.19 3.37 -5.10	49.34 3.52 -3.88	49.95 3.51 -5.63	54.44 3.21 -9.54	67.10 3.60 -16.05	68.43 4.19 -11.91	59.27 3.64 -10.20	47.81 2.88 -8.01	43.39 2.64 -5.59
CALPINE BETH_PAGE_GT4 24209	32.03 2.23 -0.01	28.05 1.98 0.00	26.17 1.78 0.00	26.84 1.78 0.00	26.83 1.80 -0.01	33.17 2.26 -0.01	42.00 2.75 -0.01	45.52 3.03 -3.12	49.41 3.13 -5.05	49.42 3.39 -4.63	50.13 3.19 -4.91	50.61 3.05 -6.90	50.76 3.06 -8.53	50.93 2.98 -9.27	50.27 3.19 -7.64	49.12 3.22 -6.18	50.00 3.35 -4.71	50.91 3.27 -6.83	55.11 3.00 -10.43	66.20 3.32 -15.44	66.42 3.98 -10.11	58.80 3.23 -10.14	49.18 2.55 -9.72	44.24 2.29 -6.78
CALPINE_BETH_PAGE_GT_4 323586	32.03 2.23 -0.01	28.05 1.98 0.00	26.17 1.78 0.00	26.84 1.78 0.00	26.83 1.80 -0.01	33.17 2.25 -0.01	42.00 2.75 -0.01	45.48 2.99 -3.12	49.45 3.18 -5.05	49.42 3.39 -4.63	50.13 3.19 -4.91	50.61 3.05 -6.90	50.80 3.09 -8.53	50.93 2.98 -9.27	50.27 3.19 -7.64	49.16 3.26 -6.18	50.00 3.36 -4.71	50.91 3.27 -6.83	55.11 3.00 -10.43	66.20 3.32 -15.44	66.32 3.87 -10.11	58.80 3.23 -10.14	49.18 2.55 -9.72	44.23 2.28 -6.78
CALPINE_BP_GT1 23823	32.03 2.23 -0.01	28.05 1.98 0.00	26.17 1.78 0.00	26.84 1.78 0.00	26.83 1.80 -0.01	33.17 2.25 -0.01	42.00 2.75 -0.01	45.48 2.99 -3.12	49.45 3.18 -5.05	49.42 3.39 -4.63	50.13 3.19 -4.91	50.61 3.05 -6.90	50.80 3.09 -8.53	50.93 2.98 -9.27	50.27 3.19 -7.64	49.16 3.26 -6.18	50.00 3.36 -4.71	50.91 3.27 -6.83	55.11 3.00 -10.43	66.20 3.32 -15.44	66.32 3.87 -10.11	58.80 3.23 -10.14	49.18 2.55 -9.72	44.23 2.28 -6.78
CALSPAN___DRP 24200	26.66 -3.10 0.02	23.39 -2.66 0.02	21.85 -2.51 0.02	22.56 -2.48 0.02	22.42 -2.58 0.02	25.81 -2.91 2.19	35.85 -2.94 0.46	36.10 -3.19 0.08	36.40 -2.80 2.03	35.37 -2.86 3.16	36.33 -3.11 2.59	35.25 -2.85 2.56	36.10 -2.86 0.22	35.28 -3.40 0.00	34.96 -2.92 1.56	34.27 -3.26 2.19	32.96 -3.69 5.29	35.36 -3.51 1.95	37.76 -3.92 0.01	42.86 -3.56 1.03	47.13 -3.87 1.33	42.12 -3.32 0.00	34.55 -2.36 0.00	32.56 -2.60 0.00

CALVERTON___SOLAR 323806	32.24 2.44 -0.01	28.16 2.09 0.00	26.24 1.85 0.00	26.94 1.88 0.00	26.96 1.93 -0.01	33.36 2.44 -0.01	42.28 3.02 -0.01	45.33 3.39 -2.57	48.94 3.55 -4.16	48.89 3.68 -3.82	49.48 3.40 -4.04	49.64 3.29 -5.68	49.54 3.33 -7.03	49.58 3.25 -7.64	49.24 3.51 -6.30	48.39 3.58 -5.10	49.55 3.73 -3.88	50.20 3.75 -5.63	54.67 3.46 -9.54	67.39 3.94 -16.01	68.75 4.55 -11.86	59.57 3.95 -10.18	48.03 3.10 -8.01	43.57 2.81 -5.59
CANDIGU_WT_PWR 323617	27.42 -2.32 0.04	24.02 -2.01 0.04	22.47 -1.88 0.04	23.15 -1.88 0.04	23.13 -1.85 0.04	25.32 -1.85 3.73	36.64 -1.49 1.11	37.07 -2.13 0.17	34.83 -1.69 4.70	32.47 -1.61 7.30	34.06 -1.97 6.00	33.08 -1.71 5.87	37.13 -1.76 0.28	36.35 -2.48 -0.15	34.13 -1.93 3.37	32.92 -2.11 4.69	27.80 -2.39 11.75	34.34 -2.28 4.19	39.16 -2.67 -0.15	44.37 -2.37 0.70	49.01 -2.46 0.87	43.57 -2.09 -0.22	35.29 -1.62 0.00	33.33 -1.83 0.00
CARR STREET_E_SYR 24060	29.46 -0.33 0.00	25.78 -0.29 0.00	24.10 -0.29 0.00	24.79 -0.28 0.00	24.75 -0.27 0.00	30.60 -0.31 0.00	39.01 -0.23 0.00	38.97 -0.39 0.00	40.82 -0.41 0.00	41.17 -0.33 -0.11	41.73 -0.34 -0.04	40.63 -0.28 -0.26	38.86 -0.31 0.00	38.95 -0.31 -0.58	39.97 -0.36 -0.89	40.54 -0.36 -1.18	42.71 -0.46 -1.23	41.35 -0.45 -0.99	41.67 -0.54 -0.54	46.82 -0.47 0.14	51.75 -0.52 0.07	45.65 -0.54 -0.75	36.51 -0.41 0.00	34.81 -0.35 0.00
CARTHAGE___PAPER 23857	29.81 0.03 0.00	26.09 0.03 0.00	24.41 0.02 0.00	25.21 0.15 0.00	25.20 0.18 0.00	31.12 0.22 0.00	39.79 0.55 0.00	39.99 0.63 0.00	41.36 0.12 0.00	41.34 -0.16 -0.12	41.86 -0.21 -0.04	40.85 -0.08 -0.27	38.90 -0.42 0.00	38.88 -0.42 -0.62	40.07 -0.32 -0.95	40.78 -0.20 -1.26	43.25 0.00 -1.32	41.79 -0.08 -1.06	42.44 0.08 -0.67	48.30 0.52 -0.34	53.71 0.79 -0.58	47.01 0.64 -0.94	37.29 0.37 0.00	35.59 0.42 0.00
CASSADAGA_WT_PWR 323784	27.08 -2.68 0.02	23.70 -2.35 0.02	22.19 -2.17 0.02	22.91 -2.13 0.02	22.75 -2.25 0.02	26.50 -2.25 2.15	36.83 -1.96 0.45	36.77 -2.52 0.08	37.40 -1.81 2.02	36.46 -1.78 3.15	37.52 -1.93 2.58	36.24 -1.87 2.55	37.05 -1.92 0.21	36.05 -2.63 0.00	35.95 -1.93 1.55	35.55 -2.15 2.03	34.52 -2.51 4.90	36.64 -2.37 1.81	38.72 -2.96 0.01	43.89 -2.56 0.99	48.33 -2.72 1.29	43.17 -2.27 0.00	35.33 -1.59 0.00	33.33 -1.83 0.00
CE_DUNWOOD___DRP 24194	31.39 1.61 0.00	27.48 1.41 0.00	25.70 1.32 0.00	26.34 1.28 0.00	26.27 1.25 0.00	32.48 1.58 0.00	41.13 1.88 0.00	41.69 2.32 0.00	43.66 2.43 0.00	44.08 2.69 0.00	44.68 2.65 0.00	43.22 2.56 0.00	41.72 2.55 0.00	41.16 2.48 0.00	42.04 2.60 0.00	42.30 2.58 0.00	44.66 2.73 0.00	43.51 2.69 0.00	44.14 2.46 0.00	50.00 2.56 0.00	55.48 3.14 0.00	47.94 2.50 0.00	38.76 1.85 0.00	36.64 1.48 0.00
CE_MILLWOOD___DRP 24193	31.33 1.55 0.00	27.42 1.36 0.00	25.68 1.29 0.00	26.29 1.23 0.00	26.22 1.20 0.00	32.42 1.51 0.00	41.09 1.84 0.00	41.57 2.20 0.00	43.58 2.35 0.00	44.00 2.61 0.00	44.55 2.52 0.00	43.10 2.44 0.00	41.64 2.47 0.00	41.08 2.40 0.00	41.96 2.52 0.00	42.22 2.50 0.00	44.58 2.64 0.00	43.39 2.57 0.00	44.06 2.38 0.00	49.91 2.47 0.00	55.37 3.04 0.00	47.85 2.41 0.00	38.73 1.81 0.00	36.61 1.44 0.00
CE_NYC2_DRP 24202	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.57 1.50 -0.01	26.48 1.45 -0.01	32.74 1.82 -0.01	41.21 1.96 0.00	41.89 2.52 0.00	43.95 2.72 0.00	44.45 3.06 0.00	45.01 2.98 0.00	43.55 2.89 0.00	42.07 2.90 0.00	41.47 2.79 0.00	42.36 2.92 0.00	42.58 2.86 0.00	44.95 3.02 0.00	43.75 2.94 0.00	44.31 2.63 0.00	50.19 2.75 0.00	55.63 3.30 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.75 1.58 0.00
CE_NYC_DRP 24195	31.54 1.76 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.29 2.04 0.00	41.93 2.56 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.07 2.90 0.00	41.43 2.75 0.00	42.40 2.96 0.00	42.62 2.90 0.00	44.95 3.02 0.00	43.75 2.94 0.00	44.35 2.67 0.00	50.24 2.80 0.00	55.79 3.45 0.00	48.16 2.73 0.00	38.91 1.99 0.00	36.71 1.55 0.00
CHAFFEE___LFGE 323603	26.75 -3.01 0.02	23.44 -2.61 0.02	21.95 -2.41 0.02	22.66 -2.38 0.02	22.52 -2.48 0.02	26.07 -2.69 2.15	36.13 -2.67 0.45	36.10 -3.19 0.08	36.69 -2.56 1.99	35.73 -2.57 3.10	36.72 -2.78 2.54	35.55 -2.60 2.51	36.38 -2.59 0.21	35.47 -3.21 0.00	35.23 -2.68 1.53	34.74 -2.98 2.00	33.71 -3.40 4.83	35.81 -3.23 1.78	37.92 -3.75 0.01	42.97 -3.46 1.01	47.27 -3.77 1.30	42.26 -3.18 0.00	34.66 -2.25 0.00	32.67 -2.50 0.00
CHATEAUG_35_KV_LOAD 355732	29.66 -0.12 0.00	25.94 -0.13 0.00	24.27 -0.12 0.00	24.99 -0.08 0.00	25.00 -0.03 0.00	30.87 -0.03 0.00	39.32 0.08 0.00	39.48 0.12 0.00	41.31 0.08 0.00	41.43 0.04 0.00	42.07 0.04 0.00	40.70 0.04 0.00	39.18 0.00 0.00	38.72 0.04 0.00	39.52 0.08 0.00	39.80 0.08 0.00	42.06 0.13 0.00	40.86 0.04 0.00	41.89 0.21 0.00	47.54 0.09 0.00	52.49 0.16 0.00	45.62 0.18 0.00	36.95 0.04 0.00	35.20 0.04 0.00
CHATEAUG_WT_PWR 323614	29.64 -0.15 0.00	25.91 -0.16 0.00	24.24 -0.15 0.00	24.96 -0.10 0.00	24.97 -0.05 0.00	30.84 -0.06 0.00	39.28 0.04 0.00	39.48 0.12 0.00	41.36 0.12 0.00	41.52 0.12 0.00	42.16 0.13 0.00	40.82 0.16 0.00	39.29 0.12 0.00	38.80 0.12 0.00	39.60 0.16 0.00	39.88 0.16 0.00	42.06 0.13 0.00	40.86 0.04 0.00	41.85 0.17 0.00	47.49 0.05 0.00	52.49 0.16 0.00	45.53 0.09 0.00	36.92 0.00 0.00	35.16 0.00 0.00
CHAT_HIGH_FALL_HYD 323578	29.66 -0.12 0.00	25.94 -0.13 0.00	24.27 -0.12 0.00	24.99 -0.08 0.00	25.00 -0.03 0.00	30.87 -0.03 0.00	39.32 0.08 0.00	39.48 0.12 0.00	41.31 0.08 0.00	41.43 0.04 0.00	42.07 0.04 0.00	40.70 0.04 0.00	39.18 0.00 0.00	38.72 0.04 0.00	39.52 0.08 0.00	39.80 0.08 0.00	42.06 0.13 0.00	40.86 0.04 0.00	41.89 0.21 0.00	47.54 0.09 0.00	52.49 0.16 0.00	45.62 0.18 0.00	36.95 0.04 0.00	35.20 0.04 0.00
CHAUTAUQUA___LFGE 323629	27.02 -2.74 0.02	23.70 -2.35 0.02	22.15 -2.22 0.02	22.91 -2.13 0.02	22.75 -2.25 0.02	26.31 -2.41 2.19	36.50 -2.28 0.46	36.57 -2.72 0.08	36.90 -2.27 2.06	35.94 -2.24 3.22	37.00 -2.39 2.63	35.78 -2.28 2.60	36.69 -2.27 0.21	35.90 -2.79 0.00	35.48 -2.37 1.59	35.07 -2.58 2.07	34.00 -2.94 5.00	36.16 -2.82 1.84	38.50 -3.17 0.01	43.73 -2.70 1.01	48.10 -2.93 1.30	42.98 -2.45 0.00	35.18 -1.73 0.00	33.16 -2.00 0.00
CHERRYST_13_KV_LD 356241	31.60 1.82 0.00	27.69 1.62 0.00	25.90 1.51 0.00	26.52 1.45 0.00	26.45 1.43 0.00	32.70 1.79 0.00	41.40 2.16 0.00	42.04 2.68 0.00	44.08 2.84 0.00	44.58 3.19 0.00	45.14 3.11 0.00	43.67 3.01 0.00	42.23 3.06 0.00	41.59 2.90 0.00	42.55 3.12 0.00	42.74 3.02 0.00	45.12 3.19 0.00	43.92 3.10 0.00	44.47 2.79 0.00	50.38 2.94 0.00	55.95 3.61 0.00	48.30 2.86 0.00	38.98 2.07 0.00	36.82 1.65 0.00

CHESTROR_138KV_BK263 355645	31.09 1.31 0.00	27.22 1.15 0.00	25.48 1.10 0.00	26.07 1.00 0.00	26.05 1.03 0.00	32.17 1.27 0.00	40.78 1.53 0.00	41.22 1.85 0.00	43.17 1.94 0.00	43.50 2.11 0.00	44.09 2.06 0.00	42.65 1.99 0.00	41.17 2.00 0.00	40.66 1.97 0.00	41.53 2.09 0.00	41.78 2.07 0.00	44.16 2.22 0.00	42.98 2.16 0.00	43.64 1.96 0.00	49.53 2.09 0.00	54.90 2.56 0.00	47.48 2.04 0.00	38.43 1.51 0.00	36.40 1.23 0.00
CH_MIDHUDSON___DRP 24192	31.27 1.49 0.00	27.37 1.30 0.00	25.61 1.22 0.00	26.24 1.18 0.00	26.15 1.13 0.00	32.36 1.45 0.00	40.97 1.73 0.00	41.41 2.05 0.00	43.42 2.19 0.00	43.75 2.36 0.00	44.34 2.31 0.00	42.90 2.24 0.00	41.41 2.23 0.00	40.89 2.20 0.00	41.77 2.33 0.00	42.02 2.30 0.00	44.41 2.47 0.00	43.26 2.45 0.00	43.89 2.21 0.00	49.81 2.37 0.00	55.16 2.83 0.00	47.76 2.32 0.00	38.65 1.74 0.00	36.57 1.41 0.00
CH_MISC_IPPS 23765	31.36 1.58 0.00	27.45 1.38 0.00	25.70 1.32 0.00	26.29 1.23 0.00	26.25 1.23 0.00	32.45 1.54 0.00	41.17 1.92 0.00	41.53 2.16 0.00	43.62 2.39 0.00	43.92 2.53 0.00	44.51 2.48 0.00	43.06 2.40 0.00	41.61 2.43 0.00	41.08 2.40 0.00	41.97 2.53 0.00	42.22 2.50 0.00	44.62 2.69 0.00	43.47 2.65 0.00	44.10 2.42 0.00	50.00 2.56 0.00	55.42 3.09 0.00	47.98 2.54 0.00	38.80 1.88 0.00	36.71 1.55 0.00
CH_RES_BVR_FALLS 23983	29.66 -0.12 0.00	25.97 -0.10 0.00	24.29 -0.10 0.00	24.99 -0.07 0.00	24.95 -0.07 0.00	30.81 -0.09 0.00	39.17 -0.08 0.00	39.29 -0.08 0.00	41.15 -0.08 0.00	41.31 -0.08 0.00	41.95 -0.08 0.00	40.58 -0.08 0.00	39.10 -0.08 0.00	38.61 -0.08 0.00	39.40 -0.04 0.00	39.64 -0.08 0.00	41.85 -0.08 0.00	40.73 -0.08 0.00	41.60 -0.08 0.00	47.30 -0.14 0.00	52.23 -0.10 0.00	45.30 -0.14 0.00	36.81 -0.11 0.00	35.06 -0.11 0.00
CH_RES_NIAGARA 23895	25.99 -3.75 0.04	22.88 -3.15 0.04	21.30 -3.05 0.04	22.14 -2.88 0.04	21.98 -3.00 0.04	24.89 -3.89 2.12	34.43 -4.36 0.46	34.83 -4.45 0.09	34.81 -4.41 2.01	33.86 -4.43 3.10	34.84 -4.62 2.56	33.74 -4.39 2.52	34.68 -4.27 0.23	34.52 -4.14 0.02	33.54 -4.38 1.52	32.90 -4.65 2.17	31.56 -5.16 5.21	33.94 -4.94 1.93	36.98 -4.67 0.03	42.08 -4.22 1.14	46.21 -4.66 1.47	41.24 -4.18 0.02	33.83 -3.06 0.02	31.84 -3.31 0.02
CH_RES_SYRACUSE 23985	29.58 -0.21 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.89 -0.17 0.00	24.87 -0.15 0.00	30.75 -0.15 0.00	39.21 -0.04 0.00	39.13 -0.23 0.00	40.99 -0.25 0.00	41.39 -0.16 -0.17	41.92 -0.17 -0.06	40.93 -0.12 -0.39	39.02 -0.16 0.00	39.38 -0.19 -0.89	40.59 -0.20 -1.35	41.36 -0.16 -1.80	43.53 -0.29 -1.89	42.04 -0.28 -1.51	42.37 -0.29 -0.98	47.70 -0.24 -0.49	53.03 -0.16 -0.85	46.53 -0.27 -1.37	36.73 -0.18 0.00	35.02 -0.14 0.00
CLINTON_WT_PWR 323605	29.64 -0.15 0.00	25.91 -0.16 0.00	24.24 -0.15 0.00	24.96 -0.10 0.00	24.97 -0.05 0.00	30.84 -0.06 0.00	39.28 0.04 0.00	39.48 0.12 0.00	41.36 0.12 0.00	41.52 0.12 0.00	42.16 0.13 0.00	40.82 0.16 0.00	39.29 0.12 0.00	38.80 0.12 0.00	39.60 0.16 0.00	39.88 0.16 0.00	42.06 0.13 0.00	40.86 0.04 0.00	41.85 0.17 0.00	47.49 0.05 0.00	52.49 0.16 0.00	45.53 0.09 0.00	36.92 0.00 0.00	35.16 0.00 0.00
CLINTON___LFGE 323618	29.96 0.18 0.00	26.17 0.10 0.00	24.49 0.10 0.00	25.24 0.18 0.00	25.25 0.22 0.00	31.21 0.31 0.00	39.79 0.55 0.00	39.92 0.55 0.00	41.89 0.66 0.00	42.01 0.62 0.00	42.70 0.67 0.00	41.35 0.69 0.00	39.76 0.59 0.00	39.27 0.58 0.00	40.11 0.67 0.00	40.43 0.72 0.00	42.69 0.76 0.00	41.43 0.61 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.38 1.05 0.00	46.26 0.82 0.00	37.40 0.48 0.00	35.66 0.49 0.00
COBBLENY_34_KV_TB1 80064	26.78 -2.98 0.02	23.49 -2.55 0.02	21.95 -2.41 0.02	22.66 -2.38 0.02	22.50 -2.50 0.02	26.03 -2.72 2.15	36.09 -2.71 0.45	36.34 -2.95 0.08	36.73 -2.52 1.99	35.73 -2.57 3.10	36.68 -2.82 2.54	35.59 -2.56 2.51	36.34 -2.62 0.21	35.40 -3.29 0.00	35.27 -2.64 1.52	34.56 -3.02 2.14	33.32 -3.44 5.18	35.68 -3.22 1.91	37.88 -3.79 0.01	43.02 -3.42 1.01	47.32 -3.72 1.30	42.26 -3.18 0.00	34.67 -2.25 0.00	32.67 -2.50 0.00
COFFEEN___115KV_TB3 355620	30.02 0.24 0.00	26.28 0.21 0.00	24.58 0.20 0.00	25.36 0.30 0.00	25.32 0.30 0.00	31.31 0.40 0.00	40.07 0.82 0.00	40.27 0.91 0.00	41.56 0.33 0.00	41.57 0.04 -0.14	42.08 0.00 -0.05	41.23 0.24 -0.32	39.18 0.00 0.00	39.23 -0.19 -0.74	40.48 -0.08 -1.12	41.29 0.08 -1.49	43.83 0.34 -1.56	42.31 0.24 -1.25	43.04 0.42 -0.94	48.96 1.04 -0.47	54.46 1.31 -0.82	47.89 1.14 -1.32	37.62 0.70 0.00	35.90 0.74 0.00
COLDSPRG_115KV_BK1 355956	27.59 -2.17 0.02	24.12 -1.93 0.02	22.58 -1.78 0.02	23.16 -1.88 0.02	23.05 -1.95 0.02	27.23 -1.58 2.10	37.78 -1.02 0.44	37.87 -1.42 0.08	38.49 -0.78 1.95	37.56 -0.79 3.04	38.40 -1.13 2.49	37.30 -0.89 2.47	37.87 -1.10 0.21	36.29 -2.40 0.00	36.88 -1.06 1.50	36.18 -1.43 2.11	35.12 -1.72 5.09	37.39 -1.55 1.88	38.92 -2.75 0.01	44.00 -2.47 0.98	48.46 -2.62 1.26	43.39 -2.04 0.00	35.51 -1.40 0.00	33.55 -1.62 0.00
COLONIE_LFGE___ 323577	30.83 1.04 0.00	27.01 0.94 0.00	25.24 0.85 0.00	25.92 0.85 0.00	25.85 0.82 0.00	31.92 1.02 0.00	40.46 1.22 0.00	40.63 1.26 0.00	42.63 1.40 0.00	42.59 1.20 0.00	43.33 1.30 0.00	41.80 1.14 0.00	40.27 1.10 0.00	39.77 1.08 0.00	40.58 1.14 0.00	40.91 1.19 0.00	43.36 1.43 0.00	42.33 1.51 0.00	43.14 1.46 0.00	49.10 1.66 0.00	53.90 1.57 0.00	46.98 1.55 0.00	38.21 1.29 0.00	36.32 1.16 0.00
COOPERNY_115KV_TB1 80082	30.86 1.07 0.00	27.01 0.94 0.00	25.31 0.93 0.00	25.89 0.83 0.00	25.87 0.85 0.00	31.96 1.05 0.00	40.54 1.30 0.00	40.94 1.57 0.00	42.84 1.61 0.00	43.17 1.78 0.00	43.75 1.72 0.00	42.37 1.71 0.00	40.86 1.68 0.00	40.35 1.66 0.00	41.17 1.74 0.00	41.43 1.71 0.00	43.78 1.85 0.00	42.61 1.80 0.00	43.31 1.63 0.00	49.15 1.71 0.00	54.43 2.09 0.00	47.16 1.73 0.00	38.17 1.26 0.00	36.18 1.02 0.00
COPENHAGEN_WT_PWR 323753	29.87 0.09 0.00	26.15 0.08 0.00	24.46 0.07 0.00	25.24 0.18 0.00	25.20 0.18 0.00	31.12 0.22 0.00	39.79 0.55 0.00	39.96 0.59 0.00	41.31 0.08 0.00	41.37 -0.16 -0.15	41.91 -0.17 -0.05	41.08 0.08 -0.34	39.06 -0.12 0.00	39.14 -0.31 -0.77	40.42 -0.20 -1.17	41.20 -0.08 -1.56	43.65 0.08 -1.64	42.12 0.00 -1.31	42.64 0.13 -0.83	48.48 0.62 -0.42	53.95 0.89 -0.72	47.33 0.72 -1.16	37.32 0.41 0.00	35.66 0.49 0.00
CORNELL_____ 23752	30.20 0.33 -0.09	26.44 0.29 -0.09	24.72 0.24 -0.09	25.40 0.25 -0.09	25.38 0.28 -0.09	31.38 0.46 -0.01	40.21 0.90 -0.06	40.20 0.83 -0.01	42.28 0.82 -0.23	42.58 0.75 -0.44	42.94 0.59 -0.32	41.80 0.65 -0.49	39.72 0.55 0.01	39.49 0.35 -0.46	40.78 0.47 -0.87	41.37 0.48 -1.17	44.05 0.55 -1.57	42.42 0.61 -1.00	42.93 0.71 -0.54	48.44 1.04 0.05	53.70 1.31 -0.06	47.20 1.00 -0.76	37.66 0.74 0.00	35.76 0.60 0.00

CORONA__69_KV_TB1 355595	31.92 2.11 -0.02	28.00 1.93 0.00	26.12 1.73 0.00	26.79 1.73 0.00	26.76 1.73 -0.02	33.09 2.16 -0.02	41.86 2.59 -0.02	47.53 2.87 -5.29	52.75 2.97 -8.55	52.46 3.23 -7.84	53.41 3.07 -8.31	55.31 2.97 -11.68	56.61 2.98 -14.45	57.25 2.86 -15.71	55.46 3.08 -12.94	53.26 3.06 -10.48	53.10 3.19 -7.98	55.53 3.14 -11.58	62.23 2.88 -17.67	76.73 3.13 -26.16	73.24 3.77 -17.13	65.66 3.04 -17.18	55.78 2.40 -16.46	48.70 2.04 -11.50
CORTLAND__115KV_TB3 80093	30.05 0.24 -0.02	26.30 0.21 -0.02	24.58 0.17 -0.02	25.26 0.18 -0.02	25.25 0.20 -0.02	31.14 0.31 0.07	39.87 0.63 0.00	39.92 0.55 0.00	41.77 0.54 0.00	42.03 0.54 -0.10	42.53 0.46 -0.03	41.41 0.53 -0.22	39.61 0.43 0.00	39.51 0.31 -0.51	40.61 0.39 -0.78	41.15 0.40 -1.04	43.44 0.42 -1.09	42.13 0.45 -0.87	42.77 0.46 -0.63	48.19 0.66 -0.09	53.42 0.84 -0.25	46.96 0.64 -0.89	37.40 0.48 0.00	35.55 0.39 0.00
COXSACKIE__GT 23611	31.24 1.46 0.00	27.35 1.28 0.00	25.58 1.19 0.00	26.27 1.20 0.00	26.10 1.08 0.00	32.33 1.42 0.00	41.09 1.84 0.00	41.14 1.77 0.00	43.09 1.86 0.00	42.92 1.53 0.00	43.41 1.38 0.00	41.76 1.10 0.00	40.19 1.02 0.00	39.73 1.04 0.00	40.50 1.07 0.00	40.95 1.23 0.00	43.53 1.59 0.00	42.65 1.84 0.00	43.56 1.88 0.00	49.67 2.23 0.00	54.85 2.51 0.00	47.57 2.14 0.00	38.73 1.81 0.00	36.75 1.58 0.00
CPV_VALLEY__CC1 323721	30.91 1.13 0.00	27.06 0.99 0.00	25.36 0.98 0.00	25.94 0.88 0.00	25.92 0.90 0.00	31.99 1.08 0.00	40.54 1.29 0.00	40.90 1.53 0.00	42.88 1.65 0.00	43.26 1.86 0.00	43.79 1.76 0.00	42.41 1.75 0.00	40.94 1.76 0.00	40.43 1.74 0.00	41.25 1.82 0.00	41.55 1.83 0.00	43.86 1.93 0.00	42.69 1.88 0.00	43.35 1.67 0.00	49.20 1.76 0.00	54.43 2.10 0.00	47.16 1.73 0.00	38.21 1.29 0.00	36.19 1.02 0.00
CPV_VALLEY__CC2 323722	30.91 1.13 0.00	27.06 0.99 0.00	25.36 0.98 0.00	25.94 0.88 0.00	25.92 0.90 0.00	31.99 1.08 0.00	40.54 1.29 0.00	40.90 1.53 0.00	42.88 1.65 0.00	43.26 1.86 0.00	43.79 1.76 0.00	42.41 1.75 0.00	40.94 1.76 0.00	40.43 1.74 0.00	41.25 1.82 0.00	41.55 1.83 0.00	43.86 1.93 0.00	42.69 1.88 0.00	43.35 1.67 0.00	49.20 1.76 0.00	54.43 2.10 0.00	47.16 1.73 0.00	38.21 1.29 0.00	36.19 1.02 0.00
CRESCENT__HYD 24018	30.83 1.04 0.00	27.01 0.94 0.00	25.24 0.85 0.00	25.92 0.85 0.00	25.85 0.82 0.00	31.92 1.02 0.00	40.46 1.22 0.00	40.63 1.26 0.00	42.63 1.40 0.00	42.59 1.20 0.00	43.33 1.30 0.00	41.80 1.14 0.00	40.27 1.10 0.00	39.77 1.08 0.00	40.58 1.14 0.00	40.91 1.19 0.00	43.36 1.43 0.00	42.33 1.51 0.00	43.14 1.46 0.00	49.10 1.66 0.00	53.90 1.57 0.00	46.98 1.55 0.00	38.21 1.29 0.00	36.32 1.16 0.00
CRICKET__VALLEY_CC1 323756	31.03 1.25 0.00	27.16 1.09 0.00	25.44 1.05 0.00	26.04 0.98 0.00	26.00 0.97 0.00	32.08 1.17 0.00	40.58 1.34 0.00	40.98 1.61 0.00	43.00 1.77 0.00	43.30 1.91 0.00	43.92 1.89 0.00	42.49 1.83 0.00	41.02 1.84 0.00	40.46 1.78 0.00	41.33 1.89 0.00	41.66 1.95 0.00	43.99 2.05 0.00	42.85 2.04 0.00	43.51 1.83 0.00	49.29 1.85 0.00	54.48 2.15 0.00	47.30 1.86 0.00	38.28 1.37 0.00	36.26 1.09 0.00
CRICKET__VALLEY_CC2 323757	31.03 1.25 0.00	27.16 1.09 0.00	25.44 1.05 0.00	26.04 0.98 0.00	26.00 0.97 0.00	32.08 1.17 0.00	40.58 1.34 0.00	40.98 1.61 0.00	43.00 1.77 0.00	43.30 1.91 0.00	43.92 1.89 0.00	42.49 1.83 0.00	41.02 1.84 0.00	40.46 1.78 0.00	41.33 1.89 0.00	41.66 1.95 0.00	43.99 2.05 0.00	42.85 2.04 0.00	43.51 1.83 0.00	49.29 1.85 0.00	54.48 2.15 0.00	47.30 1.86 0.00	38.28 1.37 0.00	36.26 1.09 0.00
CRICKET__VALLEY_CC3 323758	31.03 1.25 0.00	27.16 1.09 0.00	25.44 1.05 0.00	26.04 0.98 0.00	26.00 0.97 0.00	32.08 1.17 0.00	40.58 1.34 0.00	40.98 1.61 0.00	43.00 1.77 0.00	43.30 1.91 0.00	43.92 1.89 0.00	42.49 1.83 0.00	41.02 1.84 0.00	40.46 1.78 0.00	41.33 1.89 0.00	41.66 1.95 0.00	43.99 2.05 0.00	42.85 2.04 0.00	43.51 1.83 0.00	49.29 1.85 0.00	54.48 2.15 0.00	47.30 1.86 0.00	38.28 1.37 0.00	36.26 1.09 0.00
CRUCIBLE__METL_DRP 24180	29.57 -0.21 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.89 -0.18 0.00	24.87 -0.15 0.00	30.75 -0.15 0.00	39.21 -0.04 0.00	39.13 -0.24 0.00	41.02 -0.21 0.00	41.39 -0.17 -0.17	41.92 -0.17 -0.06	40.93 -0.12 -0.39	39.02 -0.16 0.00	39.38 -0.19 -0.89	40.59 -0.20 -1.35	41.36 -0.16 -1.80	43.53 -0.29 -1.89	42.04 -0.29 -1.51	42.52 -0.29 -1.13	47.78 -0.24 -0.57	53.16 -0.16 -0.98	46.75 -0.27 -1.58	36.73 -0.18 0.00	35.02 -0.14 0.00
DAHOWA__HYDRO 323763	31.21 1.43 0.00	27.32 1.25 0.00	25.56 1.17 0.00	26.27 1.20 0.00	26.20 1.18 0.00	32.30 1.39 0.00	41.13 1.88 0.00	41.22 1.85 0.00	43.13 1.90 0.00	43.13 1.74 0.00	43.88 1.85 0.00	42.20 1.54 0.00	40.58 1.41 0.00	40.12 1.43 0.00	40.98 1.54 0.00	41.27 1.55 0.00	43.90 1.97 0.00	42.94 2.12 0.00	43.89 2.21 0.00	50.10 2.66 0.00	55.06 2.72 0.00	47.84 2.41 0.00	38.91 1.99 0.00	36.92 1.76 0.00
DANC__LFGE 323619	29.64 -0.15 0.00	25.94 -0.13 0.00	24.27 -0.12 0.00	25.01 -0.05 0.00	24.95 -0.07 0.00	30.78 -0.12 0.00	39.28 0.04 0.00	39.37 0.00 0.00	40.90 -0.33 0.00	41.07 -0.49 -0.18	41.63 -0.46 -0.06	40.79 -0.28 -0.41	38.78 -0.39 0.00	39.12 -0.50 -0.94	40.40 -0.47 -1.43	41.23 -0.40 -1.91	43.56 -0.38 -2.00	42.00 -0.41 -1.60	42.36 -0.33 -1.02	48.10 -0.05 -0.70	53.51 0.05 -1.13	46.86 0.00 -1.42	36.81 -0.11 0.00	35.20 0.04 0.00
DANSKAMMER__1 23586	31.36 1.58 0.00	27.45 1.38 0.00	25.70 1.32 0.00	26.29 1.23 0.00	26.25 1.23 0.00	32.45 1.54 0.00	41.17 1.92 0.00	41.53 2.16 0.00	43.62 2.39 0.00	43.92 2.53 0.00	44.51 2.48 0.00	43.06 2.40 0.00	41.61 2.43 0.00	41.08 2.40 0.00	41.97 2.53 0.00	42.22 2.50 0.00	44.62 2.69 0.00	43.47 2.65 0.00	44.10 2.42 0.00	50.00 2.56 0.00	55.42 3.09 0.00	47.98 2.54 0.00	38.80 1.88 0.00	36.71 1.55 0.00
DANSKAMMER__2 23589	31.36 1.58 0.00	27.45 1.38 0.00	25.70 1.32 0.00	26.29 1.23 0.00	26.25 1.23 0.00	32.45 1.54 0.00	41.17 1.92 0.00	41.53 2.16 0.00	43.62 2.39 0.00	43.92 2.53 0.00	44.51 2.48 0.00	43.06 2.40 0.00	41.61 2.43 0.00	41.08 2.40 0.00	41.97 2.53 0.00	42.22 2.50 0.00	44.62 2.69 0.00	43.47 2.65 0.00	44.10 2.42 0.00	50.00 2.56 0.00	55.42 3.09 0.00	47.98 2.54 0.00	38.80 1.88 0.00	36.71 1.55 0.00
DANSKAMMER__3 23590	31.36 1.58 0.00	27.45 1.38 0.00	25.70 1.32 0.00	26.29 1.23 0.00	26.25 1.23 0.00	32.45 1.54 0.00	41.17 1.92 0.00	41.53 2.16 0.00	43.62 2.39 0.00	43.92 2.53 0.00	44.51 2.48 0.00	43.06 2.40 0.00	41.61 2.43 0.00	41.08 2.40 0.00	41.97 2.53 0.00	42.22 2.50 0.00	44.62 2.69 0.00	43.47 2.65 0.00	44.10 2.42 0.00	50.00 2.56 0.00	55.42 3.09 0.00	47.98 2.54 0.00	38.80 1.88 0.00	36.71 1.55 0.00

DANSKAMMER___4 23591	31.36 1.58 0.00	27.45 1.38 0.00	25.70 1.32 0.00	26.29 1.23 0.00	26.25 1.23 0.00	32.45 1.54 0.00	41.17 1.92 0.00	41.53 2.16 0.00	43.62 2.39 0.00	43.92 2.53 0.00	44.51 2.48 0.00	43.06 2.40 0.00	41.61 2.43 0.00	41.08 2.40 0.00	41.97 2.53 0.00	42.22 2.50 0.00	44.62 2.69 0.00	43.47 2.65 0.00	44.10 2.42 0.00	50.00 2.56 0.00	55.42 3.09 0.00	47.98 2.54 0.00	38.80 1.88 0.00	36.71 1.55 0.00
DANSKAMMER___DIESEL 23592	31.36 1.58 0.00	27.45 1.38 0.00	25.70 1.32 0.00	26.32 1.25 0.00	26.25 1.23 0.00	32.45 1.55 0.00	41.17 1.92 0.00	41.57 2.20 0.00	43.62 2.39 0.00	43.92 2.52 0.00	44.51 2.48 0.00	43.06 2.40 0.00	41.60 2.43 0.00	41.08 2.40 0.00	41.96 2.52 0.00	42.22 2.50 0.00	44.58 2.64 0.00	43.47 2.65 0.00	44.10 2.42 0.00	50.05 2.61 0.00	55.48 3.14 0.00	47.98 2.54 0.00	38.80 1.88 0.00	36.71 1.55 0.00
DARBY___SOLAR 323810	31.12 1.34 0.00	27.27 1.20 0.00	25.51 1.12 0.00	26.22 1.15 0.00	26.12 1.10 0.00	32.23 1.33 0.00	40.97 1.72 0.00	41.10 1.73 0.00	43.00 1.77 0.00	43.05 1.66 0.00	43.75 1.72 0.00	42.12 1.46 0.00	40.51 1.33 0.00	40.04 1.35 0.00	40.86 1.42 0.00	41.19 1.47 0.00	43.78 1.84 0.00	42.81 2.00 0.00	43.72 2.04 0.00	49.91 2.47 0.00	54.85 2.51 0.00	47.66 2.23 0.00	38.76 1.85 0.00	36.82 1.65 0.00
DASHVILLE___HYD 23610	31.18 1.40 0.00	27.29 1.23 0.00	25.56 1.17 0.00	26.17 1.10 0.00	26.10 1.08 0.00	32.27 1.36 0.00	40.81 1.57 0.00	41.18 1.81 0.00	43.09 1.86 0.00	43.38 1.99 0.00	43.92 1.89 0.00	42.49 1.83 0.00	41.06 1.88 0.00	40.54 1.86 0.00	41.41 1.97 0.00	41.66 1.95 0.00	44.03 2.10 0.00	42.94 2.12 0.00	43.60 1.92 0.00	49.48 2.04 0.00	54.85 2.51 0.00	47.48 2.04 0.00	38.50 1.59 0.00	36.47 1.30 0.00
DELAWARE___LFGE 323621	31.67 1.88 -0.01	27.74 1.67 -0.01	25.93 1.54 -0.01	26.67 1.60 -0.01	26.63 1.60 -0.01	32.79 2.16 0.28	42.33 3.14 0.06	42.82 3.46 0.01	44.36 3.38 0.25	44.37 3.31 0.33	45.01 3.28 0.30	44.25 3.78 0.19	42.68 3.53 0.03	41.90 2.94 -0.28	42.87 3.19 -0.23	43.11 3.10 -0.29	45.23 3.35 0.06	44.19 3.14 -0.23	45.06 3.04 -0.34	51.23 3.84 0.05	56.68 4.34 0.00	49.64 3.73 -0.48	39.69 2.77 0.00	37.70 2.53 0.00
DERFIELD_115KV_TB7 355931	29.87 0.09 0.00	26.15 0.08 0.00	24.46 0.07 0.00	25.14 0.08 0.00	25.07 0.05 0.00	30.97 0.06 0.00	39.32 0.08 0.00	39.45 0.08 0.00	41.31 0.08 0.00	41.47 0.08 0.00	42.11 0.08 0.00	40.74 0.08 0.00	39.25 0.08 0.00	38.76 0.08 0.00	39.52 0.08 0.00	39.80 0.08 0.00	42.06 0.13 0.00	40.94 0.12 0.00	41.76 0.08 0.00	47.54 0.09 0.00	52.44 0.10 0.00	45.53 0.09 0.00	36.99 0.07 0.00	35.24 0.07 0.00
DOGLEVILLE___HYD 23807	29.60 -0.18 0.00	25.99 -0.08 0.00	24.31 -0.07 0.00	24.99 -0.08 0.00	24.97 -0.05 0.00	30.91 0.00 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	41.07 -0.16 0.00	41.23 -0.17 0.00	41.86 -0.17 0.00	40.74 0.08 0.00	39.21 0.04 0.00	38.65 -0.04 0.00	39.32 -0.12 0.00	39.56 -0.16 0.00	41.72 -0.21 0.00	40.41 -0.41 0.00	41.18 -0.50 0.00	46.87 -0.57 0.00	51.76 -0.58 0.00	44.94 -0.50 0.00	36.70 -0.22 0.00	35.02 -0.14 0.00
DUNKIRK___115KV_TB_200 55889	27.05 -2.71 0.02	23.73 -2.32 0.02	22.17 -2.19 0.02	22.88 -2.16 0.02	22.75 -2.25 0.02	26.27 -2.44 2.19	36.46 -2.32 0.46	36.73 -2.56 0.08	36.90 -2.27 2.07	35.89 -2.28 3.22	36.91 -2.48 2.64	35.73 -2.32 2.61	36.57 -2.39 0.21	35.78 -2.90 0.00	35.44 -2.41 1.59	34.83 -2.66 2.23	33.53 -3.02 5.38	35.97 -2.86 1.98	38.46 -3.21 0.01	43.68 -2.75 1.01	48.10 -2.93 1.30	42.94 -2.50 0.00	35.15 -1.77 0.00	33.13 -2.04 0.00
DUNKIRK___1 23563	27.05 -2.71 0.02	23.73 -2.32 0.02	22.17 -2.19 0.02	22.88 -2.16 0.02	22.75 -2.25 0.02	26.27 -2.44 2.19	36.46 -2.32 0.46	36.73 -2.56 0.08	36.90 -2.27 2.07	35.89 -2.28 3.22	36.91 -2.48 2.64	35.73 -2.32 2.61	36.57 -2.39 0.21	35.78 -2.90 0.00	35.44 -2.41 1.59	34.83 -2.66 2.23	33.53 -3.02 5.38	35.97 -2.86 1.98	38.46 -3.21 0.01	43.68 -2.75 1.01	48.10 -2.93 1.30	42.94 -2.50 0.00	35.15 -1.77 0.00	33.13 -2.04 0.00
DUNKIRK___2 23564	27.05 -2.71 0.02	23.73 -2.32 0.02	22.17 -2.19 0.02	22.88 -2.16 0.02	22.75 -2.25 0.02	26.27 -2.44 2.19	36.46 -2.32 0.46	36.73 -2.56 0.08	36.90 -2.27 2.07	35.89 -2.28 3.22	36.91 -2.48 2.64	35.73 -2.32 2.61	36.57 -2.39 0.21	35.78 -2.90 0.00	35.44 -2.41 1.59	34.83 -2.66 2.23	33.53 -3.02 5.38	35.97 -2.86 1.98	38.46 -3.21 0.01	43.68 -2.75 1.01	48.10 -2.93 1.30	42.94 -2.50 0.00	35.15 -1.77 0.00	33.13 -2.04 0.00
DUNKIRK___3 23565	26.96 -2.80 0.02	23.62 -2.42 0.02	22.07 -2.29 0.02	22.78 -2.26 0.02	22.65 -2.35 0.02	26.16 -2.53 2.21	36.30 -2.47 0.47	36.57 -2.72 0.08	36.74 -2.39 2.10	35.72 -2.40 3.27	36.66 -2.69 2.68	35.57 -2.44 2.65	36.45 -2.51 0.21	35.59 -3.09 0.00	35.30 -2.52 1.62	34.64 -2.82 2.26	33.28 -3.19 5.47	35.78 -3.02 2.02	38.21 -3.46 0.01	43.40 -3.04 1.01	47.78 -3.24 1.31	42.67 -2.77 0.00	34.92 -1.99 0.00	32.91 -2.25 0.00
DUNKIRK___4 23566	26.96 -2.80 0.02	23.62 -2.42 0.02	22.07 -2.29 0.02	22.78 -2.26 0.02	22.65 -2.35 0.02	26.16 -2.53 2.21	36.30 -2.47 0.47	36.57 -2.72 0.08	36.74 -2.39 2.10	35.72 -2.40 3.27	36.66 -2.69 2.68	35.57 -2.44 2.65	36.45 -2.51 0.21	35.59 -3.09 0.00	35.30 -2.52 1.62	34.64 -2.82 2.26	33.28 -3.19 5.47	35.78 -3.02 2.02	38.21 -3.46 0.01	43.40 -3.04 1.01	47.78 -3.24 1.31	42.67 -2.77 0.00	34.92 -1.99 0.00	32.91 -2.25 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.45 1.67 0.00	27.53 1.46 0.00	25.75 1.37 0.00	26.37 1.30 0.00	26.30 1.28 0.00	32.54 1.64 0.00	41.21 1.96 0.00	41.77 2.40 0.00	43.79 2.56 0.00	44.21 2.81 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.42 2.70 0.00	44.78 2.85 0.00	43.59 2.78 0.00	44.22 2.54 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.71 1.55 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.24 1.46 0.00	27.35 1.28 0.00	25.61 1.22 0.00	26.19 1.13 0.00	26.15 1.13 0.00	32.36 1.45 0.00	41.01 1.77 0.00	41.45 2.09 0.00	43.42 2.19 0.00	43.75 2.36 0.00	44.34 2.31 0.00	42.90 2.24 0.00	41.41 2.23 0.00	40.89 2.20 0.00	41.77 2.33 0.00	42.02 2.30 0.00	44.41 2.47 0.00	43.26 2.45 0.00	43.93 2.25 0.00	49.81 2.37 0.00	55.27 2.93 0.00	47.80 2.36 0.00	38.65 1.74 0.00	36.57 1.41 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.73 1.94 -0.01	27.80 1.72 -0.01	26.00 1.61 -0.01	26.65 1.58 -0.01	26.55 1.53 -0.01	32.83 1.92 -0.01	41.01 1.77 0.00	41.69 2.32 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.92 2.74 0.00	41.31 2.63 0.00	42.20 2.76 0.00	42.38 2.66 0.00	44.74 2.81 0.00	43.55 2.73 0.00	44.14 2.46 0.00	49.96 2.51 0.00	55.37 3.04 0.00	47.89 2.45 0.00	38.69 1.77 0.00	36.71 1.55 0.00

E179THST_13_KV_LOAD 356214	31.85 2.06 -0.01	27.88 1.80 -0.01	26.08 1.68 -0.01	26.73 1.65 -0.01	26.63 1.60 -0.01	32.92 2.01 -0.01	41.17 1.92 0.00	41.85 2.48 0.00	43.95 2.72 0.00	44.45 3.06 0.00	45.01 2.98 0.00	43.55 2.89 0.00	42.07 2.90 0.00	41.47 2.79 0.00	42.36 2.92 0.00	42.58 2.86 0.00	44.95 3.02 0.00	43.75 2.94 0.00	44.31 2.63 0.00	50.19 2.75 0.00	55.63 3.30 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.82 1.65 0.00
EAST HAMPTON___GT 23717	31.58 1.79 -0.01	27.55 1.49 0.00	25.65 1.27 0.00	26.34 1.28 0.00	26.40 1.38 -0.01	32.71 1.79 -0.01	41.45 2.20 -0.01	45.09 3.15 -2.57	48.73 3.34 -4.16	48.69 3.48 -3.82	49.35 3.28 -4.04	49.68 3.33 -5.69	49.77 3.56 -7.03	49.96 3.64 -7.64	49.60 3.87 -6.30	48.63 3.81 -5.10	49.88 4.07 -3.88	50.61 4.17 -5.63	55.13 3.92 -9.53	67.89 4.46 -15.99	69.30 5.13 -11.84	59.97 4.36 -10.16	48.29 3.36 -8.01	43.82 3.06 -5.59
EAST RIVER___6 23660	31.57 1.79 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.32 2.08 0.00	41.96 2.60 0.00	44.07 2.84 0.00	44.58 3.19 0.00	45.14 3.11 0.00	43.67 3.01 0.00	42.23 3.06 0.00	41.62 2.94 0.00	42.55 3.11 0.00	42.82 3.10 0.00	45.12 3.19 0.00	43.92 3.10 0.00	44.47 2.79 0.00	50.39 2.94 0.00	55.84 3.51 0.00	48.30 2.86 0.00	38.95 2.03 0.00	36.75 1.58 0.00
EAST RIVER___7 23524	31.57 1.79 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.32 2.08 0.00	41.96 2.60 0.00	44.07 2.84 0.00	44.58 3.19 0.00	45.14 3.11 0.00	43.67 3.01 0.00	42.23 3.06 0.00	41.62 2.94 0.00	42.55 3.11 0.00	42.82 3.10 0.00	45.12 3.19 0.00	43.92 3.10 0.00	44.47 2.79 0.00	50.39 2.94 0.00	55.84 3.51 0.00	48.30 2.86 0.00	38.95 2.03 0.00	36.75 1.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.39 1.61 0.00	27.48 1.41 0.00	25.70 1.32 0.00	26.34 1.28 0.00	26.27 1.25 0.00	32.48 1.58 0.00	41.13 1.88 0.00	41.69 2.32 0.00	43.66 2.43 0.00	44.08 2.69 0.00	44.68 2.65 0.00	43.22 2.56 0.00	41.72 2.55 0.00	41.16 2.48 0.00	42.04 2.60 0.00	42.30 2.58 0.00	44.66 2.73 0.00	43.51 2.69 0.00	44.14 2.46 0.00	50.00 2.56 0.00	55.48 3.14 0.00	47.94 2.50 0.00	38.76 1.85 0.00	36.64 1.48 0.00
EAST_HAMPTON___DIESEL 23722	31.52 1.73 -0.01	27.50 1.43 0.00	25.61 1.22 0.00	26.32 1.25 0.00	26.35 1.33 -0.01	32.64 1.73 -0.01	41.37 2.12 -0.01	45.05 3.11 -2.57	48.69 3.30 -4.16	48.64 3.43 -3.82	49.31 3.24 -4.04	49.64 3.29 -5.69	49.74 3.53 -7.03	49.93 3.60 -7.64	49.56 3.82 -6.30	48.59 3.78 -5.10	49.84 4.03 -3.88	50.57 4.12 -5.63	55.09 3.88 -9.53	67.84 4.41 -15.99	69.25 5.08 -11.84	59.92 4.32 -10.16	48.25 3.32 -8.01	43.78 3.02 -5.59
EAST_POINT___SOLAR 323840	31.78 2.00 0.00	27.82 1.75 0.00	25.97 1.58 0.00	26.72 1.65 0.00	26.67 1.65 0.00	33.13 2.23 0.00	42.39 3.14 0.00	42.55 3.19 0.00	43.87 2.64 0.00	43.54 2.15 0.00	43.96 1.93 0.00	42.61 1.95 0.00	41.13 1.96 0.00	40.38 1.70 0.00	41.17 1.73 0.00	41.55 1.83 0.00	44.24 2.30 0.00	43.84 3.02 0.00	44.81 3.13 0.00	51.43 3.99 0.00	56.63 4.29 0.00	49.07 3.64 0.00	39.76 2.84 0.00	37.77 2.60 0.00
EAST_PULASKI___ESR 323781	29.43 -0.36 0.00	25.76 -0.31 0.00	24.10 -0.29 0.00	24.81 -0.25 0.00	24.75 -0.27 0.00	30.54 -0.37 0.00	38.89 -0.35 0.00	38.90 -0.47 0.00	40.57 -0.66 0.00	40.93 -0.70 -0.25	41.40 -0.71 -0.08	40.66 -0.57 -0.57	38.55 -0.63 0.00	39.33 -0.66 -1.31	40.75 -0.67 -1.99	41.68 -0.68 -2.64	43.99 -0.71 -2.77	42.29 -0.73 -2.21	42.44 -0.71 -1.47	48.12 -0.57 -1.25	53.74 -0.52 -1.93	46.95 -0.54 -2.05	36.44 -0.48 0.00	34.81 -0.35 0.00
EAST_RIVER___1 323558	31.54 1.76 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.28 2.04 0.00	41.85 2.48 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.07 2.90 0.00	41.47 2.79 0.00	42.40 2.96 0.00	42.66 2.94 0.00	44.95 3.02 0.00	43.76 2.94 0.00	44.35 2.67 0.00	50.24 2.80 0.00	55.74 3.40 0.00	48.16 2.73 0.00	38.91 1.99 0.00	36.71 1.55 0.00
EAST_RIVER___2 323559	31.57 1.79 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.32 2.08 0.00	41.96 2.60 0.00	44.07 2.84 0.00	44.58 3.19 0.00	45.14 3.11 0.00	43.67 3.01 0.00	42.23 3.06 0.00	41.62 2.94 0.00	42.55 3.11 0.00	42.82 3.10 0.00	45.12 3.19 0.00	43.92 3.10 0.00	44.47 2.79 0.00	50.39 2.94 0.00	55.84 3.51 0.00	48.30 2.86 0.00	38.95 2.03 0.00	36.75 1.58 0.00
EAST___DELAWARE_HYD 23607	31.54 1.76 0.00	27.61 1.54 0.00	25.85 1.46 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.67 1.76 0.00	41.48 2.24 0.00	41.81 2.44 0.00	43.91 2.68 0.00	44.17 2.77 0.00	44.72 2.69 0.00	43.30 2.64 0.00	41.80 2.63 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.42 2.70 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.35 2.67 0.00	50.39 2.94 0.00	55.90 3.56 0.00	48.35 2.91 0.00	39.09 2.18 0.00	36.96 1.79 0.00
EIGHT_POINT___WT_PWR 323820	27.26 -2.47 0.05	23.88 -2.14 0.05	22.33 -2.00 0.05	23.03 -1.98 0.05	23.04 -1.93 0.05	33.57 -1.85 -4.52	39.67 -1.37 -1.80	37.63 -2.01 -0.27	47.22 -1.48 -7.48	51.66 -1.41 -11.68	49.83 -1.76 -9.56	48.67 -1.50 -9.51	37.85 -1.61 -0.29	36.58 -2.28 -0.18	43.60 -1.81 -5.97	46.20 -2.02 -8.50	59.62 -2.39 -20.07	46.12 -2.24 -7.55	39.28 -2.58 -0.19	44.53 -2.28 0.64	49.20 -2.35 0.78	43.62 -2.09 -0.27	35.33 -1.59 0.00	33.37 -1.79 0.00
ELBRIDGE_115KV_TB2 80188	29.40 -0.39 0.00	25.73 -0.34 0.00	24.07 -0.32 0.00	24.74 -0.33 0.00	24.70 -0.33 0.00	30.47 -0.37 0.07	38.93 -0.31 0.00	38.85 -0.51 0.00	40.69 -0.54 0.00	41.07 -0.50 -0.17	41.54 -0.55 -0.06	40.57 -0.49 -0.40	38.67 -0.51 0.00	39.09 -0.50 -0.91	40.27 -0.55 -1.38	41.04 -0.52 -1.83	43.23 -0.63 -1.92	41.74 -0.61 -1.54	42.30 -0.54 -1.16	47.55 -0.47 -0.58	52.87 -0.47 -1.01	46.56 -0.50 -1.62	36.51 -0.41 0.00	34.81 -0.35 0.00
ELEC_TRO_TEK 24086	31.80 2.00 -0.02	27.89 1.82 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.69 1.65 -0.02	32.96 2.04 -0.02	41.70 2.43 -0.02	46.58 2.76 -4.45	51.27 2.84 -7.20	51.06 3.06 -6.60	51.97 2.94 -7.00	53.30 2.81 -9.84	54.16 2.82 -12.17	54.61 2.71 -13.22	53.25 2.92 -10.89	51.48 2.94 -8.82	51.71 3.06 -6.72	53.54 2.98 -9.74	59.26 2.71 -14.87	72.40 2.94 -22.02	70.32 3.56 -14.42	62.76 2.86 -14.46	53.03 2.25 -13.86	46.78 1.93 -9.68
ELLENBURG_WT_PWR 323604	29.64 -0.15 0.00	25.91 -0.16 0.00	24.24 -0.15 0.00	24.96 -0.10 0.00	24.97 -0.05 0.00	30.84 -0.06 0.00	39.28 0.04 0.00	39.48 0.12 0.00	41.36 0.12 0.00	41.52 0.12 0.00	42.16 0.13 0.00	40.82 0.16 0.00	39.29 0.12 0.00	38.80 0.12 0.00	39.60 0.16 0.00	39.88 0.16 0.00	42.06 0.13 0.00	40.86 0.13 0.00	41.85 0.17 0.00	47.49 0.05 0.00	52.49 0.16 0.00	45.53 0.09 0.00	36.92 0.00 0.00	35.16 0.00 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.52 -3.25 0.02	23.28 -2.76 0.02	21.73 -2.63 0.02	22.49 -2.56 0.02	22.32 -2.68 0.02	25.52 -3.15 2.24	35.43 -3.34 0.48	35.78 -3.50 0.08	35.85 -3.26 2.12	34.81 -3.27 3.31	35.84 -3.49 2.70	34.73 -3.25 2.68	35.71 -3.25 0.22	35.16 -3.52 0.00	34.48 -3.31 1.65	33.82 -3.61 2.28	32.35 -4.07 5.51	34.91 -3.88 2.03	37.63 -4.04 0.01	42.79 -3.61 1.05	47.00 -3.98 1.36	41.98 -3.45 0.00	34.44 -2.47 0.00	32.42 -2.74 0.00
EMPIRE_CC_1 323656	30.59 0.80 0.00	26.77 0.70 0.00	25.05 0.66 0.00	25.69 0.63 0.00	25.62 0.60 0.00	31.65 0.74 0.00	39.99 0.74 0.00	40.11 0.75 0.00	42.06 0.82 0.00	42.05 0.66 0.00	42.74 0.71 0.00	41.27 0.61 0.00	39.76 0.59 0.00	39.27 0.58 0.00	40.11 0.67 0.00	40.43 0.72 0.00	42.77 0.84 0.00	41.75 0.94 0.00	42.51 0.83 0.00	48.34 0.90 0.00	53.07 0.73 0.00	46.26 0.82 0.00	37.69 0.78 0.00	35.90 0.74 0.00
EMPIRE_CC_2 323658	30.59 0.80 0.00	26.77 0.70 0.00	25.05 0.66 0.00	25.69 0.63 0.00	25.62 0.60 0.00	31.65 0.74 0.00	39.99 0.74 0.00	40.11 0.75 0.00	42.06 0.82 0.00	42.05 0.66 0.00	42.74 0.71 0.00	41.27 0.61 0.00	39.76 0.59 0.00	39.27 0.58 0.00	40.11 0.67 0.00	40.43 0.72 0.00	42.77 0.84 0.00	41.75 0.94 0.00	42.51 0.83 0.00	48.34 0.90 0.00	53.07 0.73 0.00	46.26 0.82 0.00	37.69 0.78 0.00	35.90 0.74 0.00
ENORWICH_115KV_TB1 80156	31.66 1.85 -0.03	27.77 1.67 -0.03	25.93 1.51 -0.03	26.70 1.60 -0.03	26.68 1.63 -0.03	32.96 2.19 0.14	42.50 3.26 0.00	42.83 3.46 0.00	44.41 3.17 0.00	44.40 2.94 -0.07	44.91 2.86 -0.02	44.16 3.33 -0.17	42.14 2.98 0.02	41.47 2.40 -0.38	42.62 2.60 -0.58	42.96 2.46 -0.77	45.55 2.81 -0.81	44.20 2.73 -0.65	44.94 2.79 -0.46	51.11 3.70 0.03	56.63 4.24 -0.06	49.68 3.59 -0.65	39.54 2.62 0.00	37.52 2.36 0.00
ERIE_ST__34_KV_TB1-2 80199	26.93 -2.83 0.02	23.54 -2.50 0.02	22.02 -2.34 0.02	22.56 -2.48 0.02	22.47 -2.53 0.02	26.42 -2.35 2.14	36.71 -2.16 0.38	36.73 -2.56 0.08	37.64 -1.94 1.66	36.88 -1.95 2.57	37.47 -2.44 2.12	36.58 -1.99 2.08	36.85 -2.12 0.21	35.28 -3.40 0.00	36.11 -2.09 1.24	35.42 -2.50 1.80	34.75 -2.85 4.33	36.56 -2.65 1.60	37.71 -3.96 0.01	42.58 -3.84 1.02	46.83 -4.19 1.32	42.08 -3.36 0.00	34.48 -2.44 0.00	32.49 -2.67 0.00
ERIE_WT_PWR 323693	26.63 -3.13 0.02	23.33 -2.71 0.02	21.83 -2.54 0.02	22.59 -2.46 0.02	22.42 -2.58 0.02	25.84 -2.87 2.19	35.89 -2.90 0.46	35.94 -3.35 0.08	36.36 -2.84 2.03	35.37 -2.86 3.16	36.41 -3.03 2.59	35.25 -2.85 2.56	36.14 -2.82 0.22	35.36 -3.33 0.00	34.96 -2.92 1.56	34.46 -3.22 2.04	33.32 -3.69 4.93	35.49 -3.51 1.82	37.80 -3.88 0.01	42.86 -3.56 1.03	47.08 -3.93 1.33	42.12 -3.32 0.00	34.55 -2.36 0.00	32.56 -2.60 0.00
ESPRGFLD_115KV_TB1 80157	31.63 1.85 0.00	27.71 1.64 0.00	25.87 1.49 0.00	26.62 1.55 0.00	26.60 1.58 0.00	33.01 2.16 0.06	42.38 3.14 0.00	42.71 3.35 0.00	44.36 3.13 0.00	44.35 2.94 -0.02	44.90 2.86 -0.01	43.92 3.21 -0.05	42.19 3.02 0.00	41.31 2.51 -0.11	42.33 2.72 -0.17	42.65 2.70 -0.23	45.15 2.98 -0.24	44.03 3.02 -0.19	44.72 3.04 0.00	51.33 3.89 0.00	56.73 4.40 0.00	49.12 3.68 0.00	39.69 2.77 0.00	37.73 2.57 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.18 0.33 -0.07	26.43 0.29 -0.07	24.70 0.24 -0.07	25.39 0.25 -0.07	25.37 0.28 -0.07	31.23 0.46 0.14	40.11 0.86 0.00	40.15 0.79 0.00	42.01 0.78 0.00	42.23 0.75 -0.09	42.65 0.59 -0.03	41.52 0.65 -0.21	39.71 0.55 0.01	39.55 0.39 -0.48	40.64 0.47 -0.72	41.16 0.48 -0.96	43.49 0.55 -1.01	42.23 0.61 -0.81	42.91 0.67 -0.57	48.43 1.00 0.01	53.71 1.26 -0.11	47.19 0.95 -0.79	37.62 0.70 0.00	35.76 0.60 0.00
ETNA____115KV_TB2 80207	30.18 0.33 -0.07	26.43 0.29 -0.07	24.70 0.24 -0.07	25.39 0.25 -0.07	25.37 0.28 -0.07	31.23 0.46 0.14	40.11 0.86 0.00	40.15 0.79 0.00	42.01 0.78 0.00	42.23 0.75 -0.09	42.65 0.59 -0.03	41.52 0.65 -0.21	39.71 0.55 0.01	39.55 0.39 -0.48	40.64 0.47 -0.72	41.16 0.48 -0.96	43.49 0.55 -1.01	42.23 0.61 -0.81	42.91 0.67 -0.57	48.43 1.00 0.01	53.71 1.26 -0.11	47.19 0.95 -0.79	37.62 0.70 0.00	35.76 0.60 0.00
EUCLID___115KV_TB2 356179	29.37 -0.42 0.00	25.70 -0.36 0.00	24.05 -0.34 0.00	24.71 -0.35 0.00	24.67 -0.35 0.00	30.50 -0.40 0.00	38.85 -0.39 0.00	38.82 -0.55 0.00	40.65 -0.58 0.00	41.01 -0.50 -0.11	41.52 -0.55 -0.04	40.43 -0.49 -0.26	38.71 -0.47 0.00	38.77 -0.50 -0.59	39.78 -0.55 -0.89	40.39 -0.52 -1.18	42.55 -0.63 -1.24	41.19 -0.61 -0.99	41.63 -0.79 -0.74	46.53 -0.76 0.15	51.52 -0.79 0.04	45.70 -0.77 -1.04	36.33 -0.59 0.00	34.64 -0.53 0.00
E_CANADA_CAP_HY 24051	31.63 1.85 0.00	27.69 1.62 0.00	25.87 1.49 0.00	26.62 1.55 0.00	26.55 1.53 0.00	32.98 2.07 0.00	42.07 2.83 0.00	42.24 2.87 0.00	43.83 2.60 0.00	43.71 2.32 0.00	44.17 2.14 0.00	42.85 2.19 0.00	41.29 2.11 0.00	40.50 1.82 0.00	41.37 1.93 0.00	41.70 1.99 0.00	44.28 2.35 0.00	43.47 2.65 0.00	44.47 2.79 0.00	51.00 3.56 0.00	56.21 3.87 0.00	48.71 3.27 0.00	39.46 2.55 0.00	37.59 2.42 0.00
E_CANADA_MHWK_HY 24050	29.61 -0.18 0.00	25.99 -0.08 0.00	24.31 -0.07 0.00	24.99 -0.07 0.00	24.97 -0.05 0.00	30.91 0.00 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	41.07 -0.16 0.00	41.23 -0.16 0.00	41.86 -0.17 0.00	40.74 0.08 0.00	39.21 0.04 0.00	38.61 -0.08 0.00	39.32 -0.12 0.00	39.56 -0.16 0.00	41.72 -0.21 0.00	40.41 -0.41 0.00	41.18 -0.50 0.00	46.88 -0.57 0.00	51.71 -0.63 0.00	44.94 -0.50 0.00	36.70 -0.22 0.00	35.02 -0.14 0.00
E_FISHKILL___LBMP 23776	31.15 1.37 0.00	27.27 1.20 0.00	25.51 1.12 0.00	26.14 1.08 0.00	26.07 1.05 0.00	32.23 1.33 0.00	40.81 1.57 0.00	41.26 1.89 0.00	43.21 1.98 0.00	43.59 2.19 0.00	44.17 2.14 0.00	42.73 2.07 0.00	41.25 2.08 0.00	40.70 2.01 0.00	41.57 2.13 0.00	41.82 2.11 0.00	44.20 2.26 0.00	43.02 2.20 0.00	43.68 2.00 0.00	49.53 2.09 0.00	54.85 2.51 0.00	47.53 2.09 0.00	38.47 1.55 0.00	36.40 1.23 0.00
FALCON___SEABRD_CC1 323796	29.93 0.15 0.00	26.15 0.08 0.00	24.46 0.07 0.00	25.19 0.13 0.00	25.20 0.18 0.00	31.15 0.25 0.00	39.68 0.43 0.00	39.92 0.55 0.00	41.89 0.66 0.00	42.01 0.62 0.00	42.66 0.63 0.00	41.31 0.65 0.00	39.76 0.59 0.00	39.27 0.58 0.00	40.07 0.63 0.00	40.35 0.63 0.00	42.56 0.63 0.00	41.34 0.53 0.00	42.35 0.66 0.00	48.06 0.62 0.00	53.17 0.83 0.00	46.07 0.64 0.00	37.32 0.41 0.00	35.55 0.39 0.00
FALCON___SEABRD_CC2 323797	29.93 0.15 0.00	26.15 0.08 0.00	24.46 0.07 0.00	25.19 0.13 0.00	25.20 0.18 0.00	31.15 0.25 0.00	39.68 0.43 0.00	39.92 0.55 0.00	41.89 0.66 0.00	42.01 0.62 0.00	42.66 0.63 0.00	41.31 0.65 0.00	39.76 0.59 0.00	39.27 0.58 0.00	40.07 0.63 0.00	40.35 0.63 0.00	42.56 0.63 0.00	41.34 0.53 0.00	42.35 0.66 0.00	48.06 0.62 0.00	53.17 0.83 0.00	46.07 0.64 0.00	37.32 0.41 0.00	35.55 0.39 0.00

FAR ROCKAWAY___4 23548	32.15 2.35 -0.02	28.18 2.11 0.00	26.29 1.90 0.00	26.97 1.90 0.00	26.96 1.93 -0.02	33.30 2.38 -0.02	42.13 2.86 -0.02	47.17 3.19 -4.61	52.02 3.34 -7.45	51.79 3.56 -6.84	52.72 3.45 -7.24	54.18 3.33 -10.18	55.10 3.33 -12.60	55.58 3.21 -13.69	54.15 3.43 -11.28	52.27 3.42 -9.13	52.45 3.56 -6.96	54.37 3.47 -10.09	60.33 3.25 -15.40	73.85 3.61 -22.80	71.56 4.29 -14.93	63.86 3.45 -14.97	53.96 2.69 -14.35	47.50 2.32 -10.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.54 1.76 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.29 2.04 0.00	41.93 2.56 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.07 2.90 0.00	41.43 2.75 0.00	42.40 2.96 0.00	42.58 2.86 0.00	44.95 3.02 0.00	43.75 2.94 0.00	44.35 2.67 0.00	50.24 2.80 0.00	55.84 3.51 0.00	48.16 2.73 0.00	38.91 1.99 0.00	36.75 1.58 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.54 1.76 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.29 2.04 0.00	41.93 2.56 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.07 2.90 0.00	41.43 2.75 0.00	42.36 2.92 0.00	42.58 2.86 0.00	44.95 3.02 0.00	43.75 2.94 0.00	44.35 2.67 0.00	50.24 2.80 0.00	55.79 3.45 0.00	48.16 2.73 0.00	38.91 1.99 0.00	36.75 1.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.54 1.76 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.29 2.04 0.00	41.93 2.56 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.04 2.86 0.00	41.43 2.75 0.00	42.36 2.92 0.00	42.58 2.86 0.00	44.95 3.02 0.00	43.75 2.94 0.00	44.35 2.67 0.00	50.24 2.80 0.00	55.79 3.45 0.00	48.16 2.73 0.00	38.87 1.96 0.00	36.71 1.55 0.00
FARRAGUT___LBMP 323566	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.61 1.70 0.00	41.25 2.00 0.00	41.89 2.52 0.00	43.87 2.64 0.00	44.37 2.98 0.00	44.93 2.90 0.00	43.47 2.81 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.54 2.82 0.00	44.91 2.98 0.00	43.71 2.90 0.00	44.31 2.63 0.00	50.19 2.75 0.00	55.74 3.40 0.00	48.12 2.68 0.00	38.87 1.96 0.00	36.68 1.51 0.00
FARRCKWY_69_KV_BK2 55825	32.15 2.35 -0.02	28.18 2.11 0.00	26.29 1.90 0.00	26.97 1.90 0.00	26.96 1.93 -0.02	33.30 2.38 -0.02	42.13 2.86 -0.02	47.17 3.19 -4.61	52.02 3.34 -7.45	51.79 3.56 -6.84	52.72 3.45 -7.24	54.18 3.33 -10.18	55.10 3.33 -12.60	55.58 3.21 -13.69	54.15 3.43 -11.28	52.27 3.42 -9.13	52.45 3.56 -6.96	54.37 3.47 -10.09	60.33 3.25 -15.40	73.85 3.61 -22.80	71.56 4.29 -14.93	63.86 3.45 -14.97	53.96 2.69 -14.35	47.50 2.32 -10.02
FENNER___WINDPWR 24204	30.21 0.42 -0.01	26.47 0.39 -0.01	24.74 0.34 -0.01	25.45 0.38 -0.01	25.43 0.40 -0.01	31.43 0.52 0.00	40.11 0.86 0.00	40.19 0.83 0.00	42.01 0.78 0.00	42.17 0.70 -0.08	42.77 0.71 -0.03	41.66 0.81 -0.19	39.88 0.71 0.00	39.69 0.58 -0.42	40.71 0.63 -0.64	41.25 0.67 -0.86	43.59 0.76 -0.90	42.23 0.69 -0.72	42.82 0.71 -0.43	48.44 1.00 0.00	53.58 1.15 -0.09	47.05 1.00 -0.61	37.66 0.74 0.00	35.83 0.67 0.00
FIBERTEK___ENERGY 23856	29.57 -0.21 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.89 -0.18 0.00	24.87 -0.15 0.00	30.75 -0.15 0.00	39.21 -0.04 0.00	39.13 -0.24 0.00	41.02 -0.21 0.00	41.39 -0.17 -0.17	41.92 -0.17 -0.06	40.93 -0.12 -0.39	39.02 -0.16 0.00	39.38 -0.19 -0.89	40.59 -0.20 -1.35	41.36 -0.16 -1.80	43.53 -0.29 -1.89	42.04 -0.29 -1.51	42.52 -0.29 -1.13	47.78 -0.24 -0.57	53.16 -0.16 -0.98	46.75 -0.27 -1.58	36.73 -0.18 0.00	35.02 -0.14 0.00
FITZPATRICK___ 23598	28.92 -0.86 0.00	25.31 -0.76 0.00	23.66 -0.73 0.00	24.34 -0.73 0.00	24.29 -0.73 0.00	30.01 -0.90 0.00	38.11 -1.14 0.00	38.11 -1.26 0.00	39.83 -1.40 0.00	39.23 -1.36 0.80	40.37 -1.39 0.28	37.46 -1.34 1.86	37.88 -1.29 0.00	33.17 -1.28 4.24	31.65 -1.34 6.45	29.79 -1.35 8.57	31.47 -1.47 8.99	32.20 -1.43 7.19	35.00 -1.37 5.31	43.30 -1.47 2.67	46.10 -1.62 4.61	36.57 -1.46 7.42	35.77 -1.14 0.00	34.14 -1.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.39 1.61 0.00	27.48 1.41 0.00	25.73 1.34 0.00	26.34 1.28 0.00	26.27 1.25 0.00	32.51 1.61 0.00	41.21 1.96 0.00	41.65 2.28 0.00	43.66 2.43 0.00	44.00 2.61 0.00	44.59 2.56 0.00	43.14 2.48 0.00	41.64 2.47 0.00	41.12 2.44 0.00	42.04 2.60 0.00	42.30 2.58 0.00	44.66 2.73 0.00	43.51 2.69 0.00	44.14 2.46 0.00	50.10 2.66 0.00	55.58 3.24 0.00	48.03 2.59 0.00	38.87 1.96 0.00	36.75 1.58 0.00
FORT ORANGE___ 23900	30.53 0.74 0.00	26.75 0.68 0.00	25.00 0.61 0.00	25.66 0.60 0.00	25.57 0.55 0.00	31.56 0.65 0.00	39.95 0.71 0.00	40.11 0.75 0.00	42.06 0.82 0.00	42.09 0.70 0.00	42.79 0.76 0.00	41.23 0.57 0.00	39.72 0.55 0.00	39.23 0.54 0.00	39.99 0.55 0.00	40.35 0.63 0.00	42.69 0.76 0.00	41.67 0.86 0.00	42.47 0.79 0.00	48.30 0.85 0.00	53.12 0.79 0.00	46.21 0.77 0.00	37.69 0.78 0.00	35.83 0.67 0.00
FORT_DRUM_COGEN 23780	29.93 0.15 0.00	26.20 0.13 0.00	24.51 0.12 0.00	25.29 0.23 0.00	25.25 0.23 0.00	31.21 0.31 0.00	39.91 0.67 0.00	40.11 0.75 0.00	41.44 0.21 0.00	41.44 -0.08 -0.13	41.99 -0.08 -0.05	41.13 0.16 -0.31	39.14 -0.04 0.00	39.12 -0.27 -0.70	40.39 -0.12 -1.07	41.14 0.00 -1.42	43.64 0.21 -1.49	42.09 0.08 -1.19	42.83 0.25 -0.90	48.70 0.81 -0.45	54.17 1.05 -0.78	47.61 0.91 -1.26	37.47 0.55 0.00	35.76 0.60 0.00
FOX_HILLS___ESR 323835	31.88 2.08 -0.01	27.93 1.85 -0.01	26.13 1.73 -0.01	26.78 1.71 -0.01	26.68 1.65 -0.01	32.98 2.07 -0.01	41.56 2.31 0.00	42.16 2.80 0.00	44.29 3.05 -0.01	44.79 3.39 -0.01	45.32 3.28 -0.01	43.84 3.17 -0.01	42.40 3.21 -0.01	41.79 3.10 -0.01	42.68 3.23 -0.01	42.94 3.22 -0.01	45.30 3.36 -0.01	44.09 3.27 -0.01	44.65 2.96 -0.01	50.58 3.13 -0.01	56.01 3.66 -0.01	48.49 3.04 -0.01	39.21 2.29 -0.01	37.07 1.90 -0.01
FPL_FAR_ROCK_GT1 24212	32.16 2.35 -0.02	28.18 2.11 0.00	26.29 1.90 0.00	26.97 1.90 0.00	26.96 1.93 -0.02	33.31 2.38 -0.02	42.13 2.86 -0.02	47.13 3.15 -4.61	52.02 3.34 -7.45	51.79 3.56 -6.84	52.72 3.45 -7.24	54.18 3.33 -10.18	55.10 3.33 -12.60	55.58 3.21 -13.69	54.15 3.43 -11.28	52.30 3.45 -9.13	52.45 3.56 -6.96	54.37 3.47 -10.09	60.33 3.25 -15.40	73.84 3.60 -22.80	71.45 4.19 -14.93	63.86 3.45 -14.97	53.96 2.69 -14.35	47.50 2.32 -10.02
FPL_FAR_ROCK_GT2 23815	32.16 2.35 -0.02	28.18 2.11 0.00	26.29 1.90 0.00	26.97 1.90 0.00	26.96 1.93 -0.02	33.31 2.38 -0.02	42.13 2.86 -0.02	47.13 3.15 -4.61	52.02 3.34 -7.45	51.79 3.56 -6.84	52.72 3.45 -7.24	54.18 3.33 -10.18	55.10 3.33 -12.60	55.58 3.21 -13.69	54.15 3.43 -11.28	52.30 3.45 -9.13	52.45 3.56 -6.96	54.37 3.47 -10.09	60.33 3.25 -15.40	73.84 3.60 -22.80	71.45 4.19 -14.93	63.86 3.45 -14.97	53.96 2.69 -14.35	47.50 2.32 -10.02

FRANKLIN_FALL_HYD 24054	29.81 0.03 0.00	26.04 -0.03 0.00	24.36 -0.02 0.00	25.11 0.05 0.00	25.12 0.10 0.00	31.21 0.31 0.00	39.83 0.59 0.00	40.07 0.71 0.00	42.01 0.78 0.00	42.10 0.70 0.00	42.74 0.71 0.00	41.39 0.73 0.00	39.84 0.67 0.00	39.30 0.62 0.00	40.19 0.75 0.00	40.43 0.71 0.00	42.73 0.80 0.00	41.43 0.61 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.38 1.05 0.00	46.30 0.86 0.00	37.40 0.48 0.00	35.62 0.46 0.00
FREEPORT_EQUS_GT1 23764	32.03 2.23 -0.01	28.05 1.98 0.00	26.17 1.78 0.00	26.84 1.78 0.00	26.83 1.80 -0.01	33.17 2.25 -0.01	42.00 2.75 -0.01	45.71 2.99 -3.36	49.83 3.18 -5.42	49.76 3.39 -4.98	50.49 3.19 -5.27	51.16 3.09 -7.41	51.44 3.09 -9.17	51.62 2.98 -9.96	50.84 3.19 -8.21	49.62 3.26 -6.65	50.39 3.40 -5.06	51.46 3.30 -7.34	55.97 3.08 -11.21	67.40 3.37 -16.59	67.18 3.98 -10.87	59.61 3.27 -10.89	49.90 2.55 -10.44	44.67 2.22 -7.29
FREEPORT___CT2 23818	32.03 2.23 -0.01	28.05 1.98 0.00	26.17 1.78 0.00	26.84 1.78 0.00	26.83 1.80 -0.01	33.17 2.25 -0.01	42.00 2.75 -0.01	45.71 2.99 -3.36	49.83 3.18 -5.42	49.76 3.39 -4.98	50.49 3.19 -5.27	51.16 3.09 -7.41	51.44 3.09 -9.17	51.62 2.98 -9.96	50.84 3.19 -8.21	49.62 3.26 -6.65	50.39 3.40 -5.06	51.46 3.30 -7.34	55.97 3.08 -11.21	67.40 3.37 -16.59	67.18 3.98 -10.87	59.61 3.27 -10.89	49.90 2.55 -10.44	44.67 2.22 -7.29
FRESHKLS_33_KV_LOAD 356253	32.03 2.23 -0.01	28.03 1.96 -0.01	26.22 1.83 -0.01	26.88 1.81 -0.01	26.81 1.78 -0.01	33.14 2.23 -0.01	41.76 2.51 0.00	42.36 2.99 0.00	44.50 3.26 -0.01	44.92 3.52 -0.01	45.48 3.45 -0.01	44.00 3.33 -0.01	42.55 3.37 -0.01	41.90 3.21 -0.01	42.80 3.35 -0.01	43.10 3.37 -0.01	45.46 3.52 -0.01	44.25 3.43 -0.01	44.82 3.13 -0.01	50.77 3.32 -0.01	56.22 3.87 -0.01	48.67 3.23 -0.01	39.40 2.47 -0.01	37.25 2.07 -0.01
FULTON COGEN____ 23766	29.13 -0.66 0.00	25.50 -0.57 0.00	23.85 -0.54 0.00	24.51 -0.55 0.00	24.47 -0.55 0.00	30.26 -0.65 0.00	38.50 -0.75 0.00	38.42 -0.94 0.00	40.24 -0.99 0.00	40.73 -0.95 -0.29	41.16 -0.97 -0.10	40.39 -0.94 -0.67	38.27 -0.90 0.00	39.31 -0.89 -1.52	40.81 -0.95 -2.31	41.88 -0.91 -3.08	44.11 -1.05 -3.23	42.37 -1.02 -2.58	42.56 -1.04 -1.92	48.00 -1.09 -1.65	53.78 -1.10 -2.55	47.02 -1.09 -2.68	36.07 -0.85 0.00	34.39 -0.77 0.00
FULTON___LFGE 323630	31.48 1.70 0.00	27.55 1.49 0.00	25.75 1.36 0.00	26.49 1.43 0.00	26.42 1.40 0.00	32.76 1.85 0.00	41.83 2.59 0.00	41.92 2.56 0.00	43.54 2.31 0.00	43.38 1.99 0.00	43.84 1.81 0.00	42.33 1.67 0.00	40.74 1.57 0.00	40.12 1.43 0.00	40.94 1.50 0.00	41.35 1.63 0.00	43.90 1.97 0.00	43.18 2.37 0.00	44.22 2.54 0.00	50.76 3.32 0.00	55.90 3.56 0.00	48.48 3.04 0.00	39.32 2.40 0.00	37.35 2.18 0.00
G.F.CEMENT___DRP 24184	31.36 1.58 0.00	27.48 1.41 0.00	25.70 1.32 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.45 1.55 0.00	41.40 2.16 0.00	41.49 2.13 0.00	43.29 2.06 0.00	43.34 1.95 0.00	44.13 2.10 0.00	42.41 1.75 0.00	40.70 1.53 0.00	40.35 1.66 0.00	41.13 1.70 0.00	41.51 1.79 0.00	44.16 2.22 0.00	43.26 2.45 0.00	44.27 2.58 0.00	50.57 3.13 0.00	55.63 3.30 0.00	48.26 2.82 0.00	39.24 2.33 0.00	37.24 2.07 0.00
GARDENVILLE___LBMP 24039	26.60 -3.16 0.02	23.36 -2.69 0.02	21.80 -2.56 0.02	22.53 -2.51 0.02	22.40 -2.60 0.02	25.62 -3.00 2.28	35.69 -3.06 0.49	36.01 -3.27 0.08	36.06 -2.97 2.20	34.98 -2.98 3.43	35.99 -3.24 2.80	34.88 -3.01 2.78	35.94 -3.02 0.22	35.20 -3.48 0.00	34.71 -3.04 1.70	33.98 -3.38 2.37	32.44 -3.77 5.72	35.11 -3.59 2.11	37.71 -3.96 0.01	42.85 -3.56 1.03	47.13 -3.87 1.33	42.08 -3.36 0.00	34.52 -2.40 0.00	32.53 -2.64 0.00
GARDNVLA_35_KV_LD 355827	26.69 -3.07 0.02	23.41 -2.63 0.02	21.85 -2.51 0.02	22.58 -2.46 0.02	22.45 -2.55 0.02	25.87 -2.87 2.16	35.86 -2.94 0.44	36.14 -3.15 0.08	36.50 -2.76 1.97	35.56 -2.77 3.06	36.49 -3.03 2.51	35.37 -2.81 2.48	36.14 -2.82 0.22	35.36 -3.33 0.00	35.05 -2.88 1.51	34.38 -3.22 2.12	33.16 -3.65 5.13	35.46 -3.47 1.89	37.80 -3.88 0.01	42.95 -3.46 1.03	47.19 -3.82 1.33	42.17 -3.27 0.00	34.59 -2.33 0.00	32.60 -2.57 0.00
GELCKHM___115KV_LOAD 80723	29.46 -0.33 0.00	25.78 -0.29 0.00	24.09 -0.29 0.00	24.76 -0.30 0.00	24.75 -0.28 0.00	30.60 -0.31 0.00	38.97 -0.27 0.00	38.93 -0.43 0.00	40.78 -0.45 0.00	41.15 -0.37 -0.13	41.65 -0.42 -0.05	40.60 -0.37 -0.31	38.82 -0.35 0.00	39.00 -0.39 -0.70	40.11 -0.39 -1.06	40.74 -0.40 -1.41	42.91 -0.50 -1.48	41.51 -0.49 -1.18	41.98 -0.58 -0.89	46.97 -0.57 -0.09	52.07 -0.58 -0.31	46.09 -0.59 -1.24	36.44 -0.48 0.00	34.78 -0.39 0.00
GENERAL___MILLS 23808	26.66 -3.10 0.02	23.39 -2.66 0.02	21.85 -2.51 0.02	22.56 -2.48 0.02	22.42 -2.58 0.02	25.81 -2.91 2.19	35.85 -2.94 0.46	36.10 -3.19 0.08	36.40 -2.80 2.03	35.37 -2.86 3.16	36.33 -3.11 2.59	35.25 -2.85 2.56	36.10 -2.86 0.22	35.28 -3.40 0.00	34.96 -2.92 1.56	34.27 -3.26 2.19	32.96 -3.69 5.29	35.36 -3.51 1.95	37.76 -3.92 0.01	42.86 -3.56 1.03	47.13 -3.87 1.33	42.12 -3.32 0.00	34.55 -2.36 0.00	32.56 -2.60 0.00
GE_PLASTICS___DRP 24183	30.44 0.66 0.00	26.64 0.57 0.00	24.92 0.54 0.00	25.59 0.53 0.00	25.52 0.50 0.00	31.49 0.59 0.00	39.83 0.59 0.00	40.04 0.67 0.00	41.97 0.74 0.00	42.10 0.70 0.00	42.79 0.76 0.00	41.27 0.61 0.00	39.76 0.59 0.00	39.30 0.62 0.00	40.07 0.63 0.00	40.39 0.68 0.00	42.69 0.75 0.00	41.63 0.82 0.00	42.39 0.71 0.00	48.15 0.71 0.00	53.07 0.73 0.00	46.12 0.68 0.00	37.54 0.63 0.00	35.73 0.56 0.00
GILBOA___1 23756	30.56 0.77 0.00	26.75 0.68 0.00	25.02 0.63 0.00	25.66 0.60 0.00	25.62 0.60 0.00	31.65 0.74 0.00	40.11 0.86 0.00	40.31 0.94 0.00	42.26 1.03 0.00	42.47 1.07 0.00	43.08 1.05 0.00	41.68 1.02 0.00	40.19 1.02 0.00	39.65 0.97 0.00	40.46 1.02 0.00	40.79 1.07 0.00	43.07 1.13 0.00	41.96 1.14 0.00	42.72 1.04 0.00	48.58 1.14 0.00	53.49 1.15 0.00	46.53 1.09 0.00	37.77 0.85 0.00	35.90 0.74 0.00
GILBOA___2 23757	30.56 0.77 0.00	26.75 0.68 0.00	25.02 0.63 0.00	25.66 0.60 0.00	25.62 0.60 0.00	31.65 0.74 0.00	40.11 0.86 0.00	40.31 0.94 0.00	42.26 1.03 0.00	42.47 1.07 0.00	43.08 1.05 0.00	41.68 1.02 0.00	40.19 1.02 0.00	39.65 0.97 0.00	40.46 1.02 0.00	40.79 1.07 0.00	43.07 1.13 0.00	41.96 1.14 0.00	42.72 1.04 0.00	48.58 1.14 0.00	53.49 1.15 0.00	46.53 1.09 0.00	37.77 0.85 0.00	35.90 0.74 0.00
GILBOA___3 23758	30.56 0.77 0.00	26.75 0.68 0.00	25.02 0.63 0.00	25.66 0.60 0.00	25.62 0.60 0.00	31.65 0.74 0.00	40.11 0.86 0.00	40.31 0.94 0.00	42.26 1.03 0.00	42.47 1.07 0.00	43.08 1.05 0.00	41.68 1.02 0.00	40.19 1.02 0.00	39.65 0.97 0.00	40.46 1.02 0.00	40.79 1.07 0.00	43.07 1.13 0.00	41.96 1.14 0.00	42.72 1.04 0.00	48.58 1.14 0.00	53.49 1.15 0.00	46.53 1.09 0.00	37.77 0.85 0.00	35.90 0.74 0.00

GILBOA___4 23759	30.56 0.77 0.00	26.75 0.68 0.00	25.02 0.63 0.00	25.66 0.60 0.00	25.62 0.60 0.00	31.65 0.74 0.00	40.11 0.86 0.00	40.31 0.94 0.00	42.26 1.03 0.00	42.47 1.07 0.00	43.08 1.05 0.00	41.68 1.02 0.00	40.19 1.02 0.00	39.65 0.97 0.00	40.46 1.02 0.00	40.79 1.07 0.00	43.07 1.13 0.00	41.96 1.14 0.00	42.72 1.04 0.00	48.58 1.14 0.00	53.49 1.15 0.00	46.53 1.09 0.00	37.77 0.85 0.00	35.90 0.74 0.00
GILBOA____ 23599	30.56 0.77 0.00	26.75 0.68 0.00	25.02 0.63 0.00	25.66 0.60 0.00	25.62 0.60 0.00	31.65 0.74 0.00	40.11 0.86 0.00	40.35 0.98 0.00	42.26 1.03 0.00	42.47 1.08 0.00	43.08 1.05 0.00	41.68 1.02 0.00	40.19 1.02 0.00	39.65 0.97 0.00	40.46 1.03 0.00	40.75 1.03 0.00	43.07 1.13 0.00	41.96 1.14 0.00	42.72 1.04 0.00	48.58 1.14 0.00	53.54 1.20 0.00	46.53 1.09 0.00	37.77 0.85 0.00	35.90 0.74 0.00
GINNA____ 23603	27.18 -2.59 0.01	23.76 -2.29 0.01	22.21 -2.17 0.01	22.92 -2.13 0.01	22.86 -2.15 0.01	28.60 -2.78 -0.47	36.12 -3.18 -0.05	36.38 -2.99 -0.01	38.22 -3.26 -0.25	38.59 -3.19 -0.38	39.15 -3.20 -0.32	37.84 -3.13 -0.31	36.19 -3.02 -0.03	35.98 -2.71 0.00	36.47 -3.16 -0.19	36.75 -3.22 -0.24	39.00 -3.52 -0.59	37.60 -3.43 -0.22	38.63 -3.04 0.01	43.43 -2.99 1.03	47.77 -3.24 1.32	42.35 -3.09 0.00	34.44 -2.47 0.00	32.63 -2.53 0.00
GLEN PARK____ 23778	29.96 0.18 0.00	26.23 0.16 0.00	24.53 0.15 0.00	25.34 0.28 0.00	25.30 0.28 0.00	31.25 0.34 0.00	39.99 0.74 0.00	40.19 0.83 0.00	41.48 0.25 0.00	41.49 -0.04 -0.14	42.04 -0.04 -0.05	41.19 0.20 -0.32	39.14 -0.04 0.00	39.15 -0.27 -0.73	40.44 -0.12 -1.11	41.24 0.04 -1.48	43.74 0.25 -1.55	42.22 0.16 -1.24	42.80 0.33 -0.79	48.79 0.95 -0.40	54.23 1.20 -0.69	47.59 1.05 -1.11	37.54 0.63 0.00	35.83 0.67 0.00
GLENDALE_27_KV_LOAD 356172	31.73 1.94 -0.01	27.80 1.72 -0.01	26.00 1.61 -0.01	26.63 1.55 -0.01	26.55 1.53 -0.01	32.83 1.92 -0.01	41.36 2.12 0.00	42.04 2.68 0.00	44.12 2.89 0.00	44.66 3.27 0.00	45.18 3.15 0.00	43.71 3.05 0.00	42.27 3.09 0.00	41.62 2.94 0.00	42.55 3.12 0.00	42.78 3.06 0.00	45.12 3.19 0.00	43.96 3.14 0.00	44.52 2.83 0.00	50.38 2.94 0.00	55.89 3.56 0.00	48.30 2.86 0.00	39.02 2.10 0.00	36.89 1.72 0.00
GLENWOOD_IC_1_G5 23712	31.82 2.03 -0.02	27.87 1.80 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.66 1.63 -0.01	32.96 2.04 -0.02	41.73 2.47 -0.02	46.34 2.87 -4.10	50.87 3.01 -6.63	50.74 3.27 -6.08	51.62 3.15 -6.44	52.77 3.05 -9.06	53.43 3.06 -11.20	53.80 2.94 -12.18	52.62 3.16 -10.03	50.98 3.14 -8.12	51.39 3.27 -6.19	52.97 3.18 -8.97	58.29 2.92 -13.70	70.71 2.99 -20.28	69.23 3.61 -13.28	61.84 3.09 -13.31	52.04 2.36 -12.76	46.04 1.97 -8.91
GLENWOOD_IC_2_G1 23688	31.60 1.82 0.00	27.69 1.62 0.00	25.87 1.49 0.00	26.52 1.45 0.00	26.47 1.45 0.00	32.73 1.82 0.00	41.40 2.16 0.00	42.08 2.52 -0.19	44.26 2.72 -0.31	44.66 2.98 -0.28	45.19 2.86 -0.30	43.85 2.77 -0.42	42.48 2.78 -0.52	41.91 2.67 -0.56	42.74 2.84 -0.46	42.96 2.86 -0.38	45.20 2.98 -0.29	44.13 2.90 -0.41	44.98 2.67 -0.63	51.18 2.80 -0.94	56.30 3.35 -0.61	48.83 2.77 -0.62	39.61 2.10 -0.59	37.30 1.72 -0.41
GLENWOOD_IC_3_G1 23689	31.60 1.82 0.00	27.69 1.62 0.00	25.87 1.49 0.00	26.52 1.45 0.00	26.47 1.45 0.00	32.73 1.82 0.00	41.40 2.16 0.00	42.08 2.52 -0.19	44.26 2.72 -0.31	44.66 2.98 -0.28	45.19 2.86 -0.30	43.85 2.77 -0.42	42.48 2.78 -0.52	41.91 2.67 -0.56	42.74 2.84 -0.46	42.96 2.86 -0.38	45.20 2.98 -0.29	44.13 2.90 -0.41	44.98 2.67 -0.63	51.18 2.80 -0.94	56.30 3.35 -0.61	48.83 2.77 -0.62	39.61 2.10 -0.59	37.30 1.72 -0.41
GLENWOOD___4 23550	31.82 2.03 -0.02	27.87 1.80 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.66 1.63 -0.01	32.96 2.04 -0.02	41.73 2.47 -0.02	46.34 2.87 -4.10	50.87 3.01 -6.63	50.74 3.27 -6.08	51.62 3.15 -6.44	52.77 3.05 -9.06	53.43 3.06 -11.20	53.80 2.94 -12.18	52.62 3.16 -10.03	50.98 3.14 -8.12	51.39 3.27 -6.19	52.97 3.18 -8.97	58.29 2.92 -13.70	70.80 3.08 -20.28	69.28 3.66 -13.28	61.84 3.09 -13.31	52.04 2.36 -12.76	46.04 1.97 -8.91
GLENWOOD___5 23614	31.82 2.03 -0.02	27.87 1.80 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.66 1.63 -0.01	32.96 2.04 -0.02	41.73 2.47 -0.02	46.34 2.87 -4.10	50.87 3.01 -6.63	50.74 3.27 -6.08	51.62 3.15 -6.44	52.77 3.05 -9.06	53.43 3.06 -11.20	53.80 2.94 -12.18	52.62 3.16 -10.03	50.98 3.14 -8.12	51.39 3.27 -6.19	52.97 3.18 -8.97	58.29 2.92 -13.70	70.80 3.08 -20.28	69.28 3.66 -13.28	61.84 3.09 -13.31	52.04 2.36 -12.76	46.04 1.97 -8.91
GLOBAL GREEN_PORT_GT1 23814	31.91 2.11 -0.01	27.84 1.77 0.00	25.92 1.54 0.00	26.64 1.58 0.00	26.68 1.65 -0.01	33.05 2.13 -0.01	41.92 2.67 -0.01	45.41 3.47 -2.57	49.10 3.71 -4.16	49.02 3.81 -3.82	49.69 3.62 -4.04	49.96 3.62 -5.69	49.97 3.76 -7.03	50.12 3.79 -7.64	49.76 4.02 -6.30	48.83 4.01 -5.10	50.10 4.28 -3.89	50.77 4.32 -5.63	55.30 4.09 -9.53	68.08 4.65 -15.99	69.51 5.34 -11.83	60.19 4.59 -10.16	48.44 3.51 -8.01	43.96 3.20 -5.59
GLOBE___DSASP 323697	25.93 -3.81 0.04	22.82 -3.21 0.04	21.25 -3.10 0.04	22.09 -2.93 0.04	21.93 -3.05 0.04	24.86 -3.93 2.12	34.35 -4.43 0.46	34.79 -4.49 0.09	34.73 -4.49 2.01	33.78 -4.51 3.10	34.76 -4.71 2.56	33.66 -4.47 2.52	34.60 -4.35 0.23	34.45 -4.22 0.02	33.47 -4.46 1.52	32.83 -4.73 2.17	31.48 -5.24 5.21	33.86 -5.02 1.93	36.94 -4.71 0.03	41.98 -4.32 1.14	46.15 -4.71 1.47	41.15 -4.27 0.02	33.76 -3.14 0.02	31.77 -3.38 0.02
GOETHSLN___LBMP 323567	31.39 1.61 0.00	27.50 1.43 0.00	25.73 1.34 0.00	26.34 1.28 0.00	26.27 1.25 0.00	32.48 1.58 0.00	41.09 1.84 0.00	41.73 2.36 0.00	43.70 2.47 0.00	44.21 2.81 0.00	44.76 2.73 0.00	43.30 2.64 0.00	41.88 2.70 0.00	41.24 2.55 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.74 2.81 0.00	43.55 2.73 0.00	44.14 2.46 0.00	50.00 2.56 0.00	55.58 3.24 0.00	47.98 2.54 0.00	38.73 1.81 0.00	36.54 1.37 0.00
GOLAH___69_KV_TB 1_2 80279	28.07 -1.70 0.01	24.54 -1.51 0.01	22.96 -1.41 0.01	23.72 -1.33 0.01	23.63 -1.38 0.01	27.91 -1.82 1.17	37.36 -1.88 0.00	37.44 -1.93 0.00	39.33 -1.90 0.00	39.45 -1.95 0.00	40.01 -2.02 0.00	38.63 -2.03 0.00	36.95 -2.00 0.23	36.90 -1.78 0.00	37.31 -2.13 0.00	37.45 -2.26 0.00	39.38 -2.56 0.00	38.41 -2.41 0.00	39.71 -1.96 0.01	44.94 -1.47 1.04	49.53 -1.47 1.34	43.89 -1.54 0.00	35.85 -1.07 0.00	33.90 -1.27 0.00
GOODYEAR_LAKE_HYD 323669	31.75 1.97 -0.01	27.82 1.75 -0.01	25.98 1.59 -0.01	26.75 1.68 -0.01	26.73 1.70 -0.01	33.09 2.29 0.11	42.58 3.34 0.00	43.06 3.70 0.01	44.61 3.59 0.21	44.59 3.48 0.28	45.22 3.45 0.25	44.48 3.98 0.16	42.88 3.72 0.02	42.01 3.09 -0.23	42.98 3.35 -0.19	43.21 3.26 -0.23	45.39 3.52 0.06	44.35 3.35 -0.18	45.21 3.25 -0.28	51.56 4.17 0.06	56.98 4.66 0.01	49.83 4.00 -0.39	39.87 2.95 0.00	37.87 2.71 0.00

GOUDEY___1 345031	29.87 0.09 0.01	26.14 0.08 0.01	24.45 0.07 0.01	25.11 0.05 0.01	25.07 0.05 0.01	30.65 0.19 0.44	39.62 0.47 0.10	39.78 0.43 0.02	41.30 0.49 0.43	41.33 0.54 0.60	41.93 0.42 0.52	40.84 0.57 0.39	39.61 0.47 0.04	39.29 0.27 -0.34	40.06 0.43 -0.19	40.34 0.40 -0.23	41.92 0.38 0.39	41.35 0.37 -0.17	42.35 0.25 -0.42	47.81 0.43 0.06	52.92 0.58 -0.01	46.48 0.45 -0.59	37.21 0.30 0.00	35.38 0.21 0.00
GOUDEY___7 23579	29.87 0.09 0.01	26.14 0.08 0.01	24.45 0.07 0.01	25.11 0.05 0.01	25.07 0.05 0.01	30.65 0.19 0.44	39.62 0.47 0.10	39.78 0.43 0.02	41.30 0.49 0.43	41.33 0.54 0.60	41.93 0.42 0.52	40.84 0.57 0.39	39.61 0.47 0.04	39.29 0.27 -0.34	40.06 0.43 -0.19	40.34 0.40 -0.23	41.92 0.38 0.39	41.35 0.37 -0.17	42.35 0.25 -0.42	47.81 0.43 0.06	52.92 0.58 -0.01	46.48 0.45 -0.59	37.21 0.30 0.00	35.38 0.21 0.00
GOUDEY___8 23580	29.87 0.09 0.01	26.14 0.08 0.01	24.45 0.07 0.01	25.11 0.05 0.01	25.07 0.05 0.01	30.65 0.19 0.44	39.62 0.47 0.10	39.78 0.43 0.02	41.30 0.49 0.43	41.33 0.54 0.60	41.93 0.42 0.52	40.84 0.57 0.39	39.61 0.47 0.04	39.29 0.27 -0.34	40.06 0.43 -0.19	40.34 0.40 -0.23	41.92 0.38 0.39	41.35 0.37 -0.17	42.35 0.25 -0.42	47.81 0.43 0.06	52.92 0.58 -0.01	46.48 0.45 -0.59	37.21 0.30 0.00	35.38 0.21 0.00
GOWANUS_GT1_1 24077	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
GOWANUS_GT1_2 24078	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
GOWANUS_GT1_3 24079	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
GOWANUS_GT1_4 24080	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
GOWANUS_GT1_5 24084	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01																			

GOWANUS_GT2_5 24118	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0.01	39.10 <u>2.18</u> -0.01	36.97 <u>1.79</u> -0.01
GOWANUS_GT2_6 24119	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0.01	39.10 <u>2.18</u> -0.01	36.97 <u>1.79</u> -0.01
GOWANUS_GT2_7 24120	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0.01	39.10 <u>2.18</u> -0.01	36.97 <u>1.79</u> -0.01
GOWANUS_GT2_8 24121	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0.01	39.10 <u>2.18</u> -0.01	36.97 <u>1.79</u> -0.01
GOWANUS_GT3_1 24122	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0.01	39.10 <u>2.18</u> -0.01	36.97 <u>1.79</u> -0.01
GOWANUS_GT3_2 24123	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0		

GOWANUS_GT4_4 24133	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
GOWANUS_GT4_5 24134	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
GOWANUS_GT4_6 24135	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
GOWANUS_GT4_7 24136	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
GOWANUS_GT4_8 24137	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
GREENBSH_115KV_TB3 55895	30.41 0.63 0.00	26.64 0.57 0.00	24.90 0.51 0.00	25.56 0.50 0.00	25.47 0.45 0.00	31.43 0.53 0.00	39.72 0.47 0.00	39.92 0.55 0.00	41.89 0.66 0.00	41.97 0.58 0.00	42.66 0.63 0.00	41.15 0.49 0.00	39.65 0.47 0.00	39.15 0.46 0.00	39.95 0.51 0.00	40.27 0.56 0.00	42.56 0.63 0.00	41.51 0.69 0.00	42.31 0.63 0.00	48.01 0.57 0.00	52.86 0.52 0.00	45.98 0.55 0.00	37.47 0.55 0.00	35.66 0.49 0.00
GREENDGE_115KV_TB5 80291	28.62 -1.10 0.06	25.02 -0.99 0.06	23.40 -0.93 0.06	24.08 -0.93 0.06	24.06 -0.90 0.06	31.40 -0.80 -1.29	39.52 -0.27 -0.55	38.86 -0.59 -0.08	43.06 -0.45 -2.28	44.53 -0.46 -3.59	44.16 -0.80 -2.93	43.03 -0.61 -2.98	38.50 -0.74 -0.07	37.78 -1.16 -0.25	40.72 -0.83 -2.11	41.78 -0.91 -2.97	47.38 -1.05 -6.50	42.50 -0.94 -2.62	40.98 -1.00 -0.30	46.33 -0.62 0.49	51.24 -0.52 0.57	45.28 -0.59 -0.43	36.40 -0.52 0.00	34.50 -0.67 0.00
GREENIDGE___3 23582	28.62 -1.10 0.06	25.02 -0.99 0.06	23.40 -0.93 0.06	24.08 -0.93 0.06	24.06 -0.90 0.06	31.40 -0.80 -1.29	39.52 -0.27 -0.55	38.86 -0.59 -0.08	43.06 -0.45 -2.28	44.53 -0.46 -3.59	44.16 -0.80 -2.93	43.03 -0.61 -2.98	38.50 -0.74 -0.07	37.78 -1.16 -0.25	40.72 -0.83 -2.11	41.78 -0.91 -2.97	47.38 -1.05 -6.50	42.50 -0.94 -2.62	40.98 -1.00 -0.30	46.33 -0.62 0.49	51.24 -0.52 0.57	45.28 -0.59 -0.43	36.40 -0.52 0.00	34.50 -0.67 0.00
GREENIDGE___4 23583	28.59 -1.13 0.06	25.02 -0.99 0.06	23.40 -0.93 0.06	24.08 -0.93 0.06	24.06 -0.90 0.06	31.40 -0.80 -1.29	39.53 -0.27 -0.55	38.74 -0.71 -0.08	43.02 -0.49 -2.28	44.49 -0.49 -3.59	44.16 -0.80 -2.93	42.99 -0.65 -2.98	38.50 -0.75 -0.07	37.81 -1.12 -0.25	40.72 -0.83 -2.11	41.86 -0.87 -3.01	47.48 -1.05 -6.59	42.53 -0.94 -2.66	40.95 -1.00 -0.27	46.27 -0.66 0.51	51.16 -0.57 0.60	45.23 -0.59 -0.38	36.40 -0.52 0.00	34.50 -0.67 0.00
GREENLWN_69_KV_BK 3 55738	31.88 2.08 -0.01	27.92 1.85 0.00	26.02 1.63 0.00	26.72 1.65 0.00	26.71 1.68 -0.01	33.02 2.10 -0.01	41.77 2.51 -0.01	44.90 2.91 -2.62	48.43 2.97 -4.23	48.47 3.19 -3.89	49.05 2.90 -4.12	49.17 2.72 -5.79	49.12 2.78 -7.16	49.13 2.67 -7.78	48.77 2.92 -6.41	47.93 3.02 -5.19	48.95 3.06 -3.95	49.49 2.94 -5.73	52.44 2.63 -8.14	61.14 2.89 -10.81	61.96 3.45 -6.17	55.57 2.82 -7.32	47.47 2.40 -8.16	42.97 2.11 -5.70
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
GRISSOM___SOLAR 323813	31.39 1.61 0.00	27.48 1.41 0.00	25.68 1.29 0.00	26.39 1.33 0.00	26.32 1.30 0.00	32.64 1.73 0.00	41.64 2.39 0.00	41.69 2.32 0.00	43.33 2.10 0.00	43.17 1.78 0.00	43.63 1.60 0.00	42.08 1.42 0.00	40.51 1.33 0.00	39.88 1.20 0.00	40.70 1.26 0.00	41.15 1.43 0.00	43.69 1.76 0.00	42.94 2.12 0.00	44.01 2.33 0.00	50.52 3.08 0.00	55.63 3.30 0.00	48.26 2.82 0.00	39.17 2.25 0.00	37.20 2.04 0.00
GROVEVILLE___HYD 323602	31.39 1.61 0.00	27.48 1.41 0.00	25.73 1.34 0.00	26.34 1.28 0.00	26.27 1.25 0.00	32.51 1.61 0.00	41.21 1.96 0.00	41.65 2.28 0.00	43.66 2.43 0.00	44.00 2.61 0.00	44.59 2.56 0.00	43.14 2.48 0.00	41.64 2.47 0.00	41.12 2.44 0.00	42.04 2.60 0.00	42.30 2.58 0.00	44.66 2.73 0.00	43.51 2.69 0.00	44.14 2.46 0.00	50.10 2.66 0.00	55.58 3.24 0.00	48.03 2.59 0.00	38.87 1.96 0.00	36.75 1.58 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.57 -0.21 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.89 -0.18 0.00	24.87 -0.15 0.00	30.75 -0.15 0.00	39.21 -0.04 0.00	39.13 -0.24 0.00	41.02 -0.21 0.00	41.39 -0.17 -0.17	41.92 -0.17 -0.06	40.93 -0.12 -0.39	39.02 -0.16 0.00	39.38 -0.19 -0.89	40.59 -0.20 -1.35	41.36 -0.16 -1.80	43.53 -0.29 -1.89	42.04 -0.29 -1.51	42.52 -0.29 -1.13	47.78 -0.24 -0.57	53.16 -0.16 -0.98	46.75 -0.27 -1.58	36.73 -0.18 0.00	35.02 -0.14 0.00
HAMLTNNY_34_KV_TB 80303	29.52 -0.27 0.00	25.83 -0.23 0.00	24.17 -0.22 0.00	24.84 -0.23 0.00	24.82 -0.20 0.00	30.57 -0.22 0.12	39.17 -0.08 0.00	39.05 -0.31 0.00	40.94 -0.29 0.00	41.35 -0.21 -0.16	41.79 -0.29 -0.06	40.79 -0.24 -0.37	38.90 -0.27 0.00	39.27 -0.27 -0.85	40.42 -0.32 -1.30	41.17 -0.28 -1.73	43.37 -0.38 -1.81	41.89 -0.37 -1.45	42.48 -0.29 -1.09	47.85 -0.14 -0.55	53.23 -0.05 -0.95	46.78 -0.18 -1.52	36.77 -0.15 0.00	35.02 -0.14 0.00

HAMPSHIRE___PAPER_HYD 323593	29.49 -0.30 0.00	25.78 -0.29 0.00	24.14 -0.24 0.00	24.89 -0.17 0.00	24.87 -0.15 0.00	30.66 -0.25 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	40.82 -0.41 0.00	40.83 -0.62 -0.06	41.42 -0.63 -0.02	40.07 -0.73 -0.14	38.35 -0.82 0.00	38.12 -0.89 -0.32	39.10 -0.83 -0.49	39.62 -0.76 -0.66	41.87 -0.75 -0.69	40.39 -0.98 -0.55	41.26 -0.79 -0.37	46.92 -0.71 -0.19	52.03 -0.63 -0.32	45.41 -0.54 -0.51	36.51 -0.41 0.00	34.92 -0.24 0.00
HARDSCRABBLE_WT_PWR 323673	29.64 -0.15 0.00	25.99 -0.08 0.00	24.34 -0.05 0.00	25.01 -0.05 0.00	24.97 -0.05 0.00	30.94 0.03 0.00	39.17 -0.08 0.00	39.41 0.04 0.00	41.19 -0.04 0.00	41.35 -0.04 0.00	41.99 -0.04 0.00	40.82 0.16 0.00	39.29 0.12 0.00	38.72 0.04 0.00	39.44 0.00 0.00	39.64 -0.08 0.00	41.81 -0.13 0.00	40.53 -0.28 0.00	41.26 -0.42 0.00	46.97 -0.47 0.00	51.81 -0.52 0.00	45.03 -0.41 0.00	36.73 -0.18 0.00	35.06 -0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.30 1.52 0.00	27.40 1.33 0.00	25.66 1.27 0.00	26.22 1.15 0.00	26.20 1.18 0.00	32.39 1.48 0.00	41.09 1.84 0.00	41.53 2.17 0.00	43.54 2.31 0.00	43.88 2.48 0.00	44.47 2.44 0.00	43.06 2.40 0.00	41.57 2.39 0.00	41.04 2.36 0.00	41.92 2.48 0.00	42.18 2.46 0.00	44.58 2.64 0.00	43.39 2.57 0.00	44.02 2.33 0.00	49.96 2.51 0.00	55.42 3.09 0.00	47.89 2.45 0.00	38.73 1.81 0.00	36.61 1.44 0.00
HARSNRAD_115KV_TB1 81005	26.16 -3.60 0.02	22.97 -3.08 0.02	21.44 -2.93 0.02	22.26 -2.78 0.02	22.07 -2.93 0.02	25.22 -3.74 1.95	34.75 -4.12 0.37	35.13 -4.17 0.06	35.38 -4.08 1.77	34.45 -4.18 2.77	35.44 -4.33 2.26	34.27 -4.15 2.24	34.94 -4.00 0.24	34.70 -3.98 0.00	33.98 -4.10 1.36	33.40 -4.41 1.91	32.41 -4.91 4.62	34.42 -4.69 1.70	37.25 -4.42 0.01	42.39 -3.99 1.07	46.56 -4.40 1.38	41.53 -3.91 0.00	34.11 -2.81 0.00	32.11 -3.06 0.00
HARZA MOOSE___RIVER 24016	30.08 0.30 0.00	26.33 0.26 0.00	24.66 0.27 0.00	25.46 0.40 0.00	25.45 0.43 0.00	31.43 0.53 0.00	40.15 0.90 0.00	40.35 0.98 0.00	41.93 0.70 0.00	41.95 0.50 -0.06	42.56 0.50 -0.02	41.50 0.69 -0.15	39.68 0.51 0.00	39.33 0.31 -0.33	40.38 0.43 -0.51	40.87 0.48 -0.67	43.31 0.67 -0.70	41.91 0.53 -0.56	42.74 0.63 -0.43	48.66 1.00 -0.22	53.91 1.20 -0.37	47.13 1.09 -0.60	37.69 0.78 0.00	35.90 0.74 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.43 -0.36 0.00	25.76 -0.31 0.00	24.09 -0.29 0.00	24.76 -0.30 0.00	24.75 -0.28 0.00	30.57 -0.34 0.00	38.97 -0.27 0.00	38.93 -0.43 0.00	40.78 -0.45 0.00	41.13 -0.37 -0.11	41.69 -0.38 -0.04	40.59 -0.33 -0.25	38.82 -0.35 0.00	38.91 -0.35 -0.58	39.92 -0.39 -0.88	40.49 -0.40 -1.17	42.66 -0.50 -1.22	41.30 -0.49 -0.98	41.87 -0.54 -0.73	46.87 -0.52 0.05	51.91 -0.52 -0.09	45.91 -0.55 -1.02	36.47 -0.44 0.00	34.78 -0.39 0.00
HELLGATE_13_KV_LD 55870	31.76 1.97 -0.01	27.82 1.75 -0.01	26.03 1.63 -0.01	26.65 1.58 -0.01	26.58 1.55 -0.01	32.86 1.95 -0.01	41.32 2.08 0.00	42.00 2.64 0.00	44.08 2.84 0.00	44.62 3.23 0.00	45.18 3.15 0.00	43.71 3.05 0.00	42.23 3.06 0.00	41.62 2.94 0.00	42.52 3.08 0.00	42.74 3.02 0.00	45.08 3.15 0.00	43.88 3.06 0.00	44.43 2.75 0.00	50.34 2.89 0.00	55.79 3.45 0.00	48.26 2.82 0.00	38.95 2.03 0.00	36.85 1.69 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.76 1.97 -0.01	27.82 1.75 -0.01	26.03 1.63 -0.01	26.65 1.58 -0.01	26.58 1.55 -0.01	32.86 1.95 -0.01	41.32 2.08 0.00	42.00 2.64 0.00	44.08 2.84 0.00	44.62 3.23 0.00	45.18 3.15 0.00	43.71 3.05 0.00	42.23 3.06 0.00	41.62 2.94 0.00	42.52 3.08 0.00	42.74 3.02 0.00	45.08 3.15 0.00	43.88 3.06 0.00	44.43 2.75 0.00	50.34 2.89 0.00	55.79 3.45 0.00	48.26 2.82 0.00	38.95 2.03 0.00	36.85 1.69 0.00
HEMPSTEAD____ 23647	31.91 2.11 -0.01	27.97 1.90 0.00	26.09 1.71 0.00	26.77 1.71 0.00	26.76 1.73 -0.01	33.05 2.13 -0.01	41.85 2.59 -0.01	45.89 2.87 -3.66	50.19 3.05 -5.91	50.12 3.31 -5.42	50.93 3.15 -5.74	51.78 3.05 -8.07	52.22 3.06 -9.99	52.48 2.94 -10.85	51.54 3.16 -8.94	50.14 3.18 -7.24	50.76 3.31 -5.52	52.04 3.22 -8.00	56.85 2.96 -12.21	68.70 3.18 -18.07	67.89 3.72 -11.84	60.44 3.13 -11.87	50.73 2.44 -11.38	45.22 2.11 -7.94
HICKLING___1 23621	27.97 -1.76 0.05	24.48 -1.54 0.05	22.87 -1.46 0.05	23.48 -1.53 0.05	23.49 -1.48 0.05	28.46 -1.27 1.18	38.32 -0.67 0.26	38.18 -1.14 0.04	39.24 -0.87 1.13	38.89 -0.79 1.71	39.39 -1.22 1.42	38.52 -0.81 1.33	38.05 -1.02 0.10	37.01 -1.90 -0.22	37.84 -1.06 0.53	37.63 -1.31 0.77	37.91 -1.55 2.47	38.63 -1.47 0.71	39.90 -2.04 -0.26	45.18 -1.76 0.50	50.07 -1.67 0.59	44.40 -1.41 -0.37	35.74 -1.18 0.00	33.83 -1.34 0.00
HICKLING___2 23622	27.97 -1.76 0.05	24.48 -1.54 0.05	22.87 -1.46 0.05	23.48 -1.53 0.05	23.49 -1.48 0.05	28.46 -1.27 1.18	38.32 -0.67 0.26	38.18 -1.14 0.04	39.24 -0.87 1.13	38.89 -0.79 1.71	39.39 -1.22 1.42	38.52 -0.81 1.33	38.05 -1.02 0.10	37.01 -1.90 -0.22	37.84 -1.06 0.53	37.63 -1.31 0.77	37.91 -1.55 2.47	38.63 -1.47 0.71	39.90 -2.04 -0.26	45.18 -1.76 0.50	50.07 -1.67 0.59	44.40 -1.41 -0.37	35.74 -1.18 0.00	33.83 -1.34 0.00
HIGH FALLS___HY 23754	31.45 1.67 0.00	27.53 1.46 0.00	25.78 1.39 0.00	26.37 1.30 0.00	26.32 1.30 0.00	32.57 1.67 0.00	41.36 2.12 0.00	41.81 2.44 0.00	43.79 2.56 0.00	44.08 2.69 0.00	44.59 2.56 0.00	43.18 2.52 0.00	41.68 2.51 0.00	41.16 2.48 0.00	42.08 2.64 0.00	42.34 2.62 0.00	44.78 2.85 0.00	43.67 2.86 0.00	44.31 2.63 0.00	50.34 2.89 0.00	55.89 3.56 0.00	48.26 2.82 0.00	38.98 2.07 0.00	36.82 1.65 0.00
HIGH_RIVER___SOLAR 323847	30.94 1.16 0.00	27.08 1.02 0.00	25.34 0.95 0.00	26.02 0.95 0.00	25.97 0.95 0.00	32.11 1.20 0.00	40.85 1.61 0.00	40.98 1.61 0.00	42.67 1.44 0.00	42.51 1.12 0.00	43.00 0.97 0.00	41.63 0.97 0.00	40.16 0.98 0.00	39.61 0.93 0.00	40.43 0.99 0.00	40.79 1.07 0.00	43.44 1.51 0.00	42.49 1.67 0.00	43.39 1.71 0.00	49.58 2.14 0.00	54.58 2.25 0.00	47.39 1.95 0.00	38.47 1.55 0.00	36.57 1.41 0.00
HILLBURN___GT 23639	31.30 1.52 0.00	27.40 1.33 0.00	25.65 1.27 0.00	26.22 1.15 0.00	26.22 1.20 0.00	32.42 1.51 0.00	41.09 1.84 0.00	41.53 2.16 0.00	43.58 2.35 0.00	44.00 2.61 0.00	44.55 2.52 0.00	43.14 2.48 0.00	41.65 2.47 0.00	41.08 2.40 0.00	41.97 2.53 0.00	42.26 2.54 0.00	44.58 2.64 0.00	43.39 2.57 0.00	44.06 2.37 0.00	49.91 2.47 0.00	55.32 2.98 0.00	47.89 2.45 0.00	38.73 1.81 0.00	36.61 1.44 0.00
HILLSIDE_115KV_TB1 80332	27.65 -2.08 0.05	24.19 -1.82 0.05	22.63 -1.71 0.05	23.21 -1.80 0.05	23.19 -1.78 0.05	28.31 -1.61 0.99	37.91 -1.14 0.19	37.72 -1.61 0.03	38.93 -1.44 0.86	38.73 -1.37 1.30	39.10 -1.85 1.08	38.29 -1.38 0.99	37.56 -1.53 0.09	36.43 -2.48 -0.22	37.50 -1.62 0.32	37.42 -1.83 0.48	38.11 -2.05 1.77	38.41 -1.96 0.45	39.32 -2.63 -0.27	44.50 -2.47 0.48	49.31 -2.46 0.56	43.77 -2.04 -0.38	35.18 -1.74 0.00	33.34 -1.83 0.00

HISHELDN_WT_PWR 323625	26.66 -3.10 0.03	23.38 -2.66 0.03	21.85 -2.51 0.03	22.61 -2.43 0.03	22.49 -2.50 0.03	25.08 -2.84 2.98	35.61 -2.86 0.77	36.01 -3.23 0.12	35.00 -2.89 3.35	33.28 -2.90 5.22	34.60 -3.15 4.27	33.51 -2.93 4.22	36.06 -2.86 0.26	35.40 -3.29 0.00	33.83 -3.04 2.57	32.95 -3.30 3.47	29.86 -3.69 8.39	34.22 -3.51 3.09	37.92 -3.75 0.01	43.15 -3.32 0.97	47.47 -3.61 1.25	42.35 -3.09 0.00	34.63 -2.29 0.00	32.67 -2.50 0.00
HOLTSVILLE_IC_1 23690	32.14 2.35 -0.01	28.10 2.03 0.00	26.19 1.80 0.00	26.89 1.83 0.00	26.91 1.88 -0.01	33.29 2.38 -0.01	42.16 2.90 -0.01	45.12 3.19 -2.57	48.72 3.34 -4.15	48.72 3.52 -3.81	49.31 3.24 -4.04	49.47 3.13 -5.68	49.34 3.14 -7.03	49.34 3.02 -7.63	49.04 3.31 -6.29	48.19 3.37 -5.09	49.29 3.48 -3.88	49.87 3.43 -5.63	54.41 3.17 -9.56	67.08 3.51 -16.12	68.46 4.13 -11.99	59.22 3.55 -10.24	47.76 2.84 -8.00	43.32 2.57 -5.59
HOLTSVILLE_IC_10 23699	32.29 2.50 -0.01	28.23 2.16 0.00	26.29 1.90 0.00	26.99 1.93 0.00	27.01 1.98 -0.01	33.45 2.53 -0.01	42.35 3.10 -0.01	45.34 3.39 -2.59	49.00 3.59 -4.18	48.99 3.77 -3.84	49.58 3.49 -4.06	49.75 3.37 -5.71	49.61 3.37 -7.07	49.61 3.25 -7.68	49.28 3.51 -6.33	48.42 3.58 -5.12	49.57 3.73 -3.90	50.19 3.71 -5.66	54.60 3.46 -9.46	67.00 3.89 -15.66	68.30 4.50 -11.46	59.29 3.86 -9.99	48.03 3.06 -8.05	43.56 2.78 -5.62
HOLTSVILLE_IC_2 23691	32.14 2.35 -0.01	28.10 2.03 0.00	26.19 1.80 0.00	26.89 1.83 0.00	26.91 1.88 -0.01	33.29 2.38 -0.01	42.16 2.90 -0.01	45.12 3.19 -2.57	48.72 3.34 -4.15	48.72 3.52 -3.81	49.31 3.24 -4.04	49.47 3.13 -5.68	49.34 3.14 -7.03	49.34 3.02 -7.63	49.04 3.31 -6.29	48.19 3.37 -5.09	49.29 3.48 -3.88	49.87 3.43 -5.63	54.41 3.17 -9.56	67.08 3.51 -16.12	68.46 4.13 -11.99	59.22 3.55 -10.24	47.76 2.84 -8.00	43.32 2.57 -5.59
HOLTSVILLE_IC_3 23692	32.14 2.35 -0.01	28.10 2.03 0.00	26.19 1.80 0.00	26.89 1.83 0.00	26.91 1.88 -0.01	33.29 2.38 -0.01	42.16 2.90 -0.01	45.12 3.19 -2.57	48.72 3.34 -4.15	48.72 3.52 -3.81	49.31 3.24 -4.04	49.47 3.13 -5.68	49.34 3.14 -7.03	49.34 3.02 -7.63	49.04 3.31 -6.29	48.19 3.37 -5.09	49.29 3.48 -3.88	49.87 3.43 -5.63	54.41 3.17 -9.56	67.08 3.51 -16.12	68.46 4.13 -11.99	59.22 3.55 -10.24	47.76 2.84 -8.00	43.32 2.57 -5.59
HOLTSVILLE_IC_4 23693	32.14 2.35 -0.01	28.10 2.03 0.00	26.19 1.80 0.00	26.89 1.83 0.00	26.91 1.88 -0.01	33.29 2.38 -0.01	42.16 2.90 -0.01	45.12 3.19 -2.57	48.72 3.34 -4.15	48.72 3.52 -3.81	49.31 3.24 -4.04	49.47 3.13 -5.68	49.34 3.14 -7.03	49.34 3.02 -7.63	49.04 3.31 -6.29	48.19 3.37 -5.09	49.29 3.48 -3.88	49.87 3.43 -5.63	54.41 3.17 -9.56	67.08 3.51 -16.12	68.46 4.13 -11.99	59.22 3.55 -10.24	47.76 2.84 -8.00	43.32 2.57 -5.59
HOLTSVILLE_IC_5 23694	32.14 2.35 -0.01	28.10 2.03 0.00	26.19 1.80 0.00	26.89 1.83 0.00	26.91 1.88 -0.01	33.29 2.38 -0.01	42.16 2.90 -0.01	45.12 3.19 -2.57	48.72 3.34 -4.15	48.72 3.52 -3.81	49.31 3.24 -4.04	49.47 3.13 -5.68	49.34 3.14 -7.03	49.34 3.02 -7.63	49.04 3.31 -6.29	48.19 3.37 -5.09	49.29 3.48 -3.88	49.87 3.43 -5.63	54.41 3.17 -9.56	67.08 3.51 -16.12	68.46 4.13 -11.99	59.22 3.55 -10.24	47.76 2.84 -8.00	43.32 2.57 -5.59
HOLTSVILLE_IC_6 23695	32.29 2.50 -0.01	28.23 2.16 0.00	26.29 1.90 0.00	26.99 1.93 0.00	27.01 1.98 -0.01	33.45 2.53 -0.01	42.35 3.10 -0.01	45.34 3.39 -2.59	49.00 3.59 -4.18	48.99 3.77 -3.84	49.58 3.49 -4.06	49.75 3.37 -5.71	49.61 3.37 -7.07	49.61 3.25 -7.68	49.28 3.51 -6.33	48.42 3.58 -5.12	49.57 3.73 -3.90	50.19 3.71 -5.66	54.60 3.46 -9.46	67.00 3.89 -15.66	68.30 4.50 -11.46	59.29 3.86 -9.99	48.03 3.06 -8.05	43.56 2.78 -5.62
HOLTSVILLE_IC_7 23696	32.29 2.50 -0.01	28.23 2.16 0.00	26.29 1.90 0.00	26.99 1.93 0.00	27.01 1.98 -0.01	33.45 2.53 -0.01	42.35 3.10 -0.01	45.34 3.39 -2.59	49.00 3.59 -4.18	48.99 3.77 -3.84	49.58 3.49 -4.06	49.75 3.37 -5.71	49.61 3.37 -7.07	49.61 3.25 -7.68	49.28 3.51 -6.33	48.42 3.58 -5.12	49.57 3.73 -3.90	50.19 3.71 -5.66	54.60 3.46 -9.46	67.00 3.89 -15.66	68.30 4.50 -11.46	59.29 3.86 -9.99	48.03 3.06 -8.05	43.56 2.78 -5.62
HOLTSVILLE_IC_8 23697	32.29 2.50 -0.01	28.23 2.16 0.00	26.29 1.90 0.00	26.99 1.93 0.00	27.01 1.98 -0.01	33.45 2.53 -0.01	42.35 3.10 -0.01	45.34 3.39 -2.59	49.00 3.59 -4.18	48.99 3.77 -3.84	49.58 3.49 -4.06	49.75 3.37 -5.71	49.61 3.37 -7.07	49.61 3.25 -7.68	49.28 3.51 -6.33	48.42 3.58 -5.12	49.57 3.73 -3.90	50.19 3.71 -5.66	54.60 3.46 -9.46	67.00 3.89 -15.66	68.30 4.50 -11.46	59.29 3.86 -9.99	48.03 3.06 -8.05	43.56 2.78 -5.62
HOLTSVILLE_IC_9 23698	32.29 2.50 -0.01	28.23 2.16 0.00	26.29 1.90 0.00	26.99 1.93 0.00	27.01 1.98 -0.01	33.45 2.53 -0.01	42.35 3.10 -0.01	45.34 3.39 -2.59	49.00 3.59 -4.18	48.99 3.77 -3.84	49.58 3.49 -4.06	49.75 3.37 -5.71	49.61 3.37 -7.07	49.61 3.25 -7.68	49.28 3.51 -6.33	48.42 3.58 -5.12	49.57 3.73 -3.90	50.19 3.71 -5.66	54.60 3.46 -9.46	67.00 3.89 -15.66	68.30 4.50 -11.46	59.29 3.86 -9.99	48.03 3.06 -8.05	43.56 2.78 -5.62
HOMER_HL_115KV_TB2 355744	27.53 -2.23 0.02	23.98 -2.06 0.02	22.48 -1.88 0.02	22.86 -2.18 0.02	22.87 -2.13 0.02	27.43 -1.42 2.06	38.03 -0.78 0.43	37.84 -1.46 0.07	38.47 -0.87 1.90	37.57 -0.87 2.95	38.01 -1.60 2.42	37.33 -0.94 2.39	37.76 -1.21 0.20	35.47 -3.21 0.00	36.84 -1.14 1.45	36.12 -1.55 2.05	35.27 -1.72 4.94	37.48 -1.51 1.82	38.17 -3.50 0.01	42.88 -3.61 0.96	47.28 -3.82 1.24	42.62 -2.82 0.00	34.70 -2.22 0.00	32.84 -2.32 0.00
HOWARD_WT_PWR 323690	27.31 -2.41 0.06	23.92 -2.09 0.06	22.38 -1.95 0.06	23.08 -1.93 0.06	23.09 -1.88 0.06	33.14 -1.79 -4.02	39.61 -1.26 -1.62	37.72 -1.89 -0.24	46.58 -1.36 -6.71	50.60 -1.28 -10.49	48.98 -1.64 -8.59	47.79 -1.42 -8.55	37.90 -1.53 -0.25	36.71 -2.17 -0.19	43.15 -1.69 -5.41	45.47 -1.95 -7.69	57.72 -2.31 -18.09	45.48 -2.16 -6.83	39.38 -2.50 -0.20	44.64 -2.18 0.62	49.33 -2.25 0.75	43.77 -1.95 -0.28	35.40 -1.52 0.00	33.44 -1.72 0.00
HQ_GEN_CEDARS 23644	29.84 0.06 0.00	26.07 0.00 0.00	24.39 0.00 0.00	25.11 0.05 0.00	25.10 0.08 0.00	31.00 0.09 0.00	39.40 0.16 0.00	39.60 0.24 0.00	41.52 0.29 0.00	41.60 0.21 0.00	42.32 0.29 0.00	40.90 0.24 0.00	39.37 0.20 0.00	38.88 0.19 0.00	39.71 0.28 0.00	40.00 0.28 0.00	42.19 0.25 0.00	40.86 0.04 0.00	41.89 0.21 0.00	47.54 0.09 0.00	52.44 0.10 0.00	45.67 0.23 0.00	37.03 0.11 0.00	35.34 0.18 0.00
HQ_GEN_CEDARS_PROXY 323590	29.84 0.06 0.00	26.07 0.00 0.00	24.41 0.02 0.00	25.11 0.05 0.00	25.10 0.08 0.00	31.00 0.09 0.00	39.40 0.16 0.00	40.80 0.24 -1.20	40.32 0.29 1.20	41.60 0.21 0.00	42.33 0.30 0.00	40.91 0.25 0.00	39.37 0.20 0.00	38.88 0.19 0.00	39.72 0.28 0.00	40.00 0.28 0.00	42.19 0.25 0.00	40.86 0.04 0.00	41.89 0.21 0.00	47.54 0.10 0.00	52.55 0.21 0.00	45.67 0.23 0.00	37.03 0.11 0.00	35.34 0.18 0.00

HQ_GEN_CHPE_PROXY 323851	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	42.97 2.40 -1.20	42.63 2.60 1.20	44.33 2.94 0.00	44.85 2.82 0.00	43.43 2.77 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.54 2.82 0.00	44.87 2.93 0.00	43.67 2.86 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.58 3.25 0.00	48.07 2.63 0.00	38.84 1.92 0.00	36.68 1.51 0.00
HQ_GEN_IMPORT 323601	29.81 0.03 0.00	26.07 0.00 0.00	24.39 0.00 0.00	25.09 0.03 0.00	25.05 0.03 0.00	30.94 0.03 0.00	39.32 0.08 0.00	40.64 0.08 -1.20	40.16 0.12 1.20	41.47 0.08 0.00	42.16 0.13 0.00	40.78 0.12 0.00	39.25 0.08 0.00	38.80 0.12 0.00	39.56 0.12 0.00	39.84 0.12 0.00	42.06 0.13 0.00	40.90 0.08 0.00	41.81 0.13 0.00	47.49 0.05 0.00	52.44 0.10 0.00	45.53 0.09 0.00	36.99 0.07 0.00	35.24 0.07 0.00
HQ_GEN_WHEEL 23651	29.81 0.03 0.00	26.07 0.00 0.00	24.39 0.00 0.00	25.09 0.03 0.00	25.05 0.03 0.00	30.94 0.03 0.00	39.32 0.08 0.00	40.64 0.08 -1.20	40.16 0.12 1.20	41.47 0.08 0.00	42.16 0.13 0.00	40.78 0.12 0.00	39.25 0.08 0.00	38.80 0.12 0.00	39.56 0.12 0.00	39.84 0.12 0.00	42.06 0.13 0.00	40.90 0.08 0.00	41.81 0.13 0.00	47.49 0.05 0.00	52.44 0.10 0.00	45.53 0.09 0.00	36.99 0.07 0.00	35.24 0.07 0.00
HUDSON_AVE_GT_3 23810	31.57 1.79 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.49 1.43 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.29 2.04 0.00	41.93 2.56 0.00	43.95 2.72 0.00	44.45 3.06 0.00	45.01 2.98 0.00	43.55 2.89 0.00	42.07 2.90 0.00	41.47 2.79 0.00	42.40 2.96 0.00	42.62 2.90 0.00	44.99 3.06 0.00	43.79 2.98 0.00	44.39 2.71 0.00	50.29 2.85 0.00	55.84 3.51 0.00	48.21 2.77 0.00	38.91 1.99 0.00	36.75 1.58 0.00
HUDSON_AVE_GT_4 23540	31.57 1.79 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.49 1.43 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.29 2.04 0.00	41.93 2.56 0.00	43.95 2.72 0.00	44.45 3.06 0.00	45.01 2.98 0.00	43.55 2.89 0.00	42.07 2.90 0.00	41.47 2.79 0.00	42.40 2.96 0.00	42.62 2.90 0.00	44.99 3.06 0.00	43.79 2.98 0.00	44.39 2.71 0.00	50.29 2.85 0.00	55.84 3.51 0.00	48.21 2.77 0.00	38.91 1.99 0.00	36.75 1.58 0.00
HUDSON_AVE_GT_5 23657	31.57 1.79 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.49 1.43 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.29 2.04 0.00	41.93 2.56 0.00	43.95 2.72 0.00	44.45 3.06 0.00	45.01 2.98 0.00	43.55 2.89 0.00	42.07 2.90 0.00	41.47 2.79 0.00	42.40 2.96 0.00	42.62 2.90 0.00	44.99 3.06 0.00	43.79 2.98 0.00	44.39 2.71 0.00	50.29 2.85 0.00	55.84 3.51 0.00	48.21 2.77 0.00	38.91 1.99 0.00	36.75 1.58 0.00
HUDSON_AVE_10 24168	31.42 1.64 0.00	27.53 1.46 0.00	25.73 1.34 0.00	26.37 1.30 0.00	26.30 1.28 0.00	32.48 1.58 0.00	41.09 1.84 0.00	41.73 2.36 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.88 2.70 0.00	41.28 2.59 0.00	42.20 2.76 0.00	42.42 2.70 0.00	44.78 2.85 0.00	43.63 2.82 0.00	44.22 2.54 0.00	50.10 2.66 0.00	55.63 3.30 0.00	48.03 2.59 0.00	38.73 1.81 0.00	36.56 1.41 0.01
HUDSON___115KV_TB 4 355613	30.86 1.07 0.00	27.03 0.96 0.00	25.27 0.88 0.00	25.94 0.88 0.00	25.82 0.80 0.00	31.93 1.02 0.00	40.46 1.22 0.00	40.59 1.22 0.00	42.51 1.28 0.00	42.51 1.12 0.00	43.08 1.05 0.00	41.47 0.81 0.00	39.96 0.78 0.00	39.46 0.77 0.00	40.23 0.79 0.00	40.63 0.91 0.00	43.02 1.09 0.00	42.12 1.31 0.00	42.97 1.29 0.00	48.91 1.47 0.00	53.96 1.62 0.00	46.85 1.41 0.00	38.17 1.26 0.00	36.25 1.09 0.00
HUNTER MOUNT___DRP 323613	30.94 1.16 0.00	27.11 1.04 0.00	25.34 0.95 0.00	26.02 0.95 0.00	25.87 0.85 0.00	31.99 1.08 0.00	40.58 1.33 0.00	40.67 1.30 0.00	42.59 1.36 0.00	42.51 1.12 0.00	43.12 1.09 0.00	41.51 0.85 0.00	39.96 0.78 0.00	39.46 0.77 0.00	40.27 0.83 0.00	40.63 0.91 0.00	43.07 1.13 0.00	42.16 1.35 0.00	43.06 1.38 0.00	49.06 1.61 0.00	54.12 1.78 0.00	46.94 1.50 0.00	38.28 1.37 0.00	36.36 1.20 0.00
HUNTINGTON_RES_REC 323705	32.06 2.26 -0.01	28.03 1.96 0.00	26.12 1.73 0.00	26.82 1.75 0.00	26.83 1.80 -0.01	33.17 2.25 -0.01	42.00 2.75 -0.01	45.03 3.07 -2.59	48.64 3.22 -4.19	48.63 3.39 -3.84	49.21 3.11 -4.07	49.35 2.97 -5.73	49.23 2.98 -7.08	49.24 2.86 -7.70	48.94 3.16 -6.34	48.11 3.26 -5.13	49.16 3.31 -3.91	49.75 3.27 -5.67	53.30 2.96 -8.66	63.58 3.32 -12.82	64.60 3.87 -8.40	57.13 3.27 -8.42	47.68 2.69 -8.07	43.19 2.39 -5.63
HUNTLEY___63 23557	26.67 -3.10 0.02	23.42 -2.63 0.02	21.85 -2.51 0.02	22.66 -2.38 0.02	22.45 -2.55 0.02	25.80 -3.06 2.05	35.66 -3.18 0.40	35.99 -3.31 0.07	36.40 -2.97 1.86	35.47 -3.02 2.90	36.50 -3.15 2.38	35.26 -3.05 2.35	35.97 -2.98 0.23	35.43 -3.25 0.00	34.93 -3.08 1.43	34.34 -3.38 2.01	33.22 -3.86 4.85	35.35 -3.67 1.79	37.92 -3.75 0.01	43.12 -3.27 1.05	47.37 -3.61 1.35	42.26 -3.18 0.00	34.78 -2.14 0.00	32.70 -2.46 0.00
HUNTLEY___64 23558	26.67 -3.10 0.02	23.42 -2.63 0.02	21.85 -2.51 0.02	22.66 -2.38 0.02	22.45 -2.55 0.02	25.80 -3.06 2.05	35.66 -3.18 0.40	35.99 -3.31 0.07	36.40 -2.97 1.86	35.47 -3.02 2.90	36.50 -3.15 2.38	35.26 -3.05 2.35	35.97 -2.98 0.23	35.43 -3.25 0.00	34.93 -3.08 1.43	34.34 -3.38 2.01	33.22 -3.86 4.85	35.35 -3.67 1.79	37.92 -3.75 0.01	43.12 -3.27 1.05	47.37 -3.61 1.35	42.26 -3.18 0.00	34.78 -2.14 0.00	32.70 -2.46 0.00
HUNTLEY___65 23559	26.67 -3.10 0.02	23.42 -2.63 0.02	21.85 -2.51 0.02	22.66 -2.38 0.02	22.45 -2.55 0.02	25.80 -3.06 2.05	35.66 -3.18 0.40	35.99 -3.31 0.07	36.40 -2.97 1.86	35.47 -3.02 2.90	36.50 -3.15 2.38	35.26 -3.05 2.35	35.97 -2.98 0.23	35.43 -3.25 0.00	34.93 -3.08 1.43	34.34 -3.38 2.01	33.22 -3.86 4.85	35.35 -3.67 1.79	37.92 -3.75 0.01	43.12 -3.27 1.05	47.37 -3.61 1.35	42.26 -3.18 0.00	34.78 -2.14 0.00	32.70 -2.46 0.00
HUNTLEY___66 23560	26.67 -3.10 0.02	23.42 -2.63 0.02	21.85 -2.51 0.02	22.66 -2.38 0.02	22.45 -2.55 0.02	25.80 -3.06 2.05	35.66 -3.18 0.40	35.99 -3.31 0.07	36.40 -2.97 1.86	35.47 -3.02 2.90	36.50 -3.15 2.38	35.26 -3.05 2.35	35.97 -2.98 0.23	35.43 -3.25 0.00	34.93 -3.08 1.43	34.34 -3.38 2.01	33.22 -3.86 4.85	35.35 -3.67 1.79	37.92 -3.75 0.01	43.12 -3.27 1.05	47.37 -3.61 1.35	42.26 -3.18 0.00	34.78 -2.14 0.00	32.70 -2.46 0.00
HUNTLEY___67 23561	26.34 -3.43 0.02	23.13 -2.92 0.02	21.59 -2.78 0.02	22.36 -2.68 0.02	22.20 -2.80 0.02	25.28 -3.43 2.20	35.06 -3.73 0.46	35.43 -3.86 0.08	35.51 -3.67 2.06	34.46 -3.73 3.21	35.51 -3.91 2.61	34.36 -3.70 2.60	35.32 -3.64 0.21	34.93 -3.75 0.00	34.12 -3.71 1.61	33.50 -4.01 2.21	32.11 -4.49 5.34	34.60 -4.24 1.97	37.42 -4.25 0.01	42.58 -3.80 1.07	46.77 -4.19 1.38	41.71 -3.73 0.00	34.22 -2.69 0.00	32.21 -2.95 0.00

HUNTLEY___68 23562	26.34 -3.43 0.02	23.13 -2.92 0.02	21.59 -2.78 0.02	22.36 -2.68 0.02	22.20 -2.80 0.02	25.28 -3.43 2.20	35.06 -3.73 0.46	35.43 -3.86 0.08	35.51 -3.67 2.06	34.46 -3.73 3.21	35.51 -3.91 2.61	34.36 -3.70 2.60	35.32 -3.64 0.21	34.93 -3.75 0.00	34.12 -3.71 1.61	33.50 -4.01 2.21	32.11 -4.49 5.34	34.60 -4.24 1.97	37.42 -4.25 0.01	42.58 -3.80 1.07	46.77 -4.19 1.38	41.71 -3.73 0.00	34.22 -2.69 0.00	32.21 -2.95 0.00
HYLAND___LFGE 323620	28.92 -0.83 0.03	25.23 -0.81 0.03	23.63 -0.73 0.03	24.36 -0.68 0.03	24.32 -0.67 0.03	34.05 -0.56 -3.70	41.05 0.20 -1.60	39.38 -0.23 -0.24	47.44 -0.45 -6.67	50.78 -0.99 -10.39	49.04 -1.51 -8.52	47.44 -1.63 -8.41	37.81 -1.64 -0.28	36.98 -1.70 0.00	42.91 -1.62 -5.09	45.32 -1.63 -7.23	57.70 -1.72 -17.49	46.15 -1.10 -6.44	41.18 -0.50 0.01	47.17 0.62 0.88	52.19 0.99 1.14	45.99 0.55 0.00	37.36 0.44 0.00	35.16 0.00 0.00
INDECK___CORINTH 23802	31.27 1.49 0.00	27.37 1.30 0.00	25.65 1.27 0.00	26.37 1.30 0.00	26.27 1.25 0.00	32.33 1.42 0.00	41.21 1.96 0.00	41.26 1.89 0.00	43.04 1.81 0.00	43.13 1.74 0.00	43.88 1.85 0.00	42.17 1.51 0.00	40.51 1.33 0.00	40.19 1.51 0.00	40.98 1.54 0.00	41.31 1.59 0.00	44.03 2.10 0.00	43.14 2.33 0.00	44.14 2.46 0.00	50.43 2.99 0.00	55.42 3.09 0.00	48.12 2.68 0.00	39.13 2.21 0.00	37.13 1.97 0.00
INDECK___ILION 23567	29.60 -0.18 0.00	25.99 -0.08 0.00	24.31 -0.07 0.00	24.99 -0.08 0.00	24.97 -0.05 0.00	30.91 0.00 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	41.07 -0.16 0.00	41.23 -0.17 0.00	41.86 -0.17 0.00	40.74 0.08 0.00	39.21 0.04 0.00	38.65 -0.04 0.00	39.32 -0.12 0.00	39.56 -0.16 0.00	41.72 -0.21 0.00	40.41 -0.41 0.00	41.18 -0.50 0.00	46.87 -0.57 0.00	51.76 -0.58 0.00	44.94 -0.50 0.00	36.70 -0.22 0.00	35.02 -0.14 0.00
INDECK___OLEAN 23982	27.44 -2.32 0.02	23.88 -2.16 0.02	22.49 -1.88 0.02	22.86 -2.18 0.02	22.87 -2.13 0.02	27.43 -1.42 2.06	38.03 -0.78 0.43	36.93 -2.36 0.07	38.47 -0.87 1.90	37.57 -0.87 2.95	38.05 -1.55 2.42	37.33 -0.93 2.39	37.88 -1.10 0.20	35.55 -3.13 0.00	36.84 -1.14 1.45	36.46 -1.35 1.91	35.73 -1.59 4.61	37.57 -1.55 1.70	38.17 -3.50 0.01	42.78 -3.70 0.96	47.17 -3.93 1.24	42.62 -2.82 0.00	34.70 -2.21 0.00	32.84 -2.32 0.00
INDECK___OSWEGO 23783	29.10 -0.68 0.00	25.47 -0.60 0.00	23.83 -0.56 0.00	24.51 -0.55 0.00	24.45 -0.57 0.00	30.20 -0.71 0.00	38.38 -0.86 0.00	38.34 -1.02 0.00	40.12 -1.11 0.00	40.64 -1.12 -0.36	41.02 -1.13 -0.12	40.44 -1.06 -0.84	38.12 -1.06 0.00	39.55 -1.04 -1.91	41.24 -1.10 -2.90	42.47 -1.11 -3.86	44.77 -1.22 -4.05	42.91 -1.14 -3.24	42.88 -1.08 -2.29	48.67 -1.14 -2.37	54.69 -1.20 -3.55	47.49 -1.13 -3.18	36.03 -0.89 0.00	34.42 -0.74 0.00
INDECK___YERKES 23781	26.66 -3.10 0.02	23.39 -2.66 0.02	21.86 -2.51 0.02	22.69 -2.36 0.02	22.47 -2.53 0.02	25.83 -3.03 2.05	35.70 -3.14 0.40	35.95 -3.35 0.07	36.39 -2.97 1.87	35.46 -3.02 2.92	36.62 -3.03 2.38	35.29 -3.01 2.36	36.01 -2.94 0.23	35.55 -3.13 0.00	34.95 -3.04 1.45	34.56 -3.34 1.82	33.68 -3.86 4.40	35.52 -3.67 1.62	37.96 -3.71 0.01	43.17 -3.23 1.05	47.37 -3.61 1.35	42.30 -3.13 0.00	34.81 -2.10 0.00	32.74 -2.43 0.00
INDIAN POINT_GT_1 24139	31.33 1.55 0.00	27.42 1.36 0.00	25.66 1.27 0.00	26.29 1.23 0.00	26.22 1.20 0.00	32.39 1.48 0.00	41.05 1.81 0.00	41.57 2.20 0.00	43.54 2.31 0.00	43.96 2.57 0.00	44.55 2.52 0.00	43.10 2.44 0.00	41.60 2.43 0.00	41.04 2.36 0.00	41.92 2.48 0.00	42.18 2.46 0.00	44.53 2.60 0.00	43.39 2.57 0.00	44.02 2.33 0.00	49.86 2.42 0.00	55.32 2.98 0.00	47.85 2.41 0.00	38.69 1.77 0.00	36.57 1.41 0.00
INDIAN POINT_GT_2 23659	31.33 1.55 0.00	27.42 1.36 0.00	25.66 1.27 0.00	26.29 1.23 0.00	26.22 1.20 0.00	32.39 1.48 0.00	41.05 1.81 0.00	41.57 2.20 0.00	43.54 2.31 0.00	43.96 2.57 0.00	44.55 2.52 0.00	43.10 2.44 0.00	41.60 2.43 0.00	41.04 2.36 0.00	41.92 2.48 0.00	42.18 2.46 0.00	44.53 2.60 0.00	43.39 2.57 0.00	44.02 2.33 0.00	49.86 2.42 0.00	55.32 2.98 0.00	47.85 2.41 0.00	38.69 1.77 0.00	36.57 1.41 0.00
INDIAN POINT_GT_3 24019	31.33 1.55 0.00	27.42 1.36 0.00	25.66 1.27 0.00	26.29 1.23 0.00	26.22 1.20 0.00	32.39 1.48 0.00	41.05 1.81 0.00	41.57 2.20 0.00	43.54 2.31 0.00	43.96 2.57 0.00	44.55 2.52 0.00	43.10 2.44 0.00	41.60 2.43 0.00	41.04 2.36 0.00	41.92 2.48 0.00	42.18 2.46 0.00	44.53 2.60 0.00	43.39 2.57 0.00	44.02 2.33 0.00	49.86 2.42 0.00	55.32 2.98 0.00	47.85 2.41 0.00	38.69 1.77 0.00	36.57 1.41 0.00
INDIAN POINT___2 23530	31.30 1.52 0.00	27.40 1.33 0.00	25.63 1.24 0.00	26.37 1.30 0.00	26.20 1.18 0.00	32.39 1.48 0.00	41.05 1.81 0.00	41.49 2.12 0.00	43.54 2.31 0.00	43.96 2.57 0.00	44.51 2.48 0.00	43.06 2.40 0.00	41.61 2.43 0.00	41.04 2.36 0.00	41.92 2.49 0.00	42.18 2.46 0.00	44.53 2.60 0.00	43.35 2.53 0.00	43.97 2.29 0.00	49.86 2.42 0.00	55.21 2.88 0.00	47.80 2.36 0.00	38.65 1.74 0.00	36.57 1.41 0.00
INDIAN POINT___3 23531	31.30 1.52 0.00	27.40 1.33 0.00	25.63 1.24 0.00	26.24 1.18 0.00	26.20 1.18 0.00	32.39 1.48 0.00	41.01 1.77 0.00	41.53 2.17 0.00	43.50 2.27 0.00	43.92 2.52 0.00	44.51 2.48 0.00	43.06 2.40 0.00	41.57 2.39 0.00	41.01 2.32 0.00	41.88 2.45 0.00	42.14 2.42 0.00	44.49 2.56 0.00	43.35 2.53 0.00	43.97 2.29 0.00	49.86 2.42 0.00	55.27 2.93 0.00	47.80 2.36 0.00	38.65 1.74 0.00	36.57 1.41 0.00
INDIANHD_69_KV_BK1 55831	32.15 2.35 -0.01	28.13 2.06 0.00	26.19 1.80 0.00	26.89 1.83 0.00	26.91 1.88 -0.01	33.30 2.38 -0.01	42.16 2.90 -0.01	45.22 3.27 -2.59	48.80 3.38 -4.19	48.79 3.56 -3.84	49.38 3.28 -4.07	49.51 3.13 -5.72	49.39 3.13 -7.08	49.39 3.02 -7.69	49.09 3.31 -6.34	48.19 3.34 -5.13	49.32 3.48 -3.91	49.95 3.47 -5.67	53.63 3.17 -8.78	64.26 3.56 -13.26	65.44 4.24 -8.87	57.60 3.50 -8.66	47.82 2.84 -8.06	43.33 2.53 -5.63
INGHAM_C_115KV_TB7 356103	29.60 -0.18 0.00	25.99 -0.08 0.00	24.31 -0.07 0.00	24.99 -0.08 0.00	24.97 -0.05 0.00	30.91 0.00 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	41.07 -0.16 0.00	41.23 -0.17 0.00	41.86 -0.17 0.00	40.74 0.08 0.00	39.21 0.04 0.00	38.65 -0.04 0.00	39.32 -0.12 0.00	39.56 -0.16 0.00	41.72 -0.21 0.00	40.41 -0.41 0.00	41.18 -0.50 0.00	46.87 -0.57 0.00	51.76 -0.58 0.00	44.94 -0.50 0.00	36.70 -0.22 0.00	35.02 -0.14 0.00
IP CORINTH___1 23988	31.27 1.49 0.00	27.37 1.30 0.00	25.66 1.27 0.00	26.37 1.30 0.00	26.27 1.25 0.00	32.33 1.42 0.00	41.21 1.96 0.00	41.30 1.93 0.00	43.05 1.81 0.00	43.09 1.70 0.00	43.88 1.85 0.00	42.16 1.50 0.00	40.51 1.33 0.00	40.19 1.51 0.00	40.98 1.54 0.00	41.35 1.63 0.00	44.03 2.10 0.00	43.14 2.33 0.00	44.14 2.46 0.00	50.43 2.99 0.00	55.48 3.14 0.00	48.12 2.68 0.00	39.13 2.22 0.00	37.13 1.97 0.00

IP___TICONDEROGA 23804	32.05 2.26 0.00	28.08 2.01 0.00	26.24 1.85 0.00	27.02 1.95 0.00	26.90 1.88 0.00	33.22 2.32 0.00	42.58 3.34 0.00	42.52 3.15 0.00	44.24 3.01 0.00	44.21 2.81 0.00	45.01 2.98 0.00	43.10 2.44 0.00	41.25 2.08 0.00	40.85 2.17 0.00	41.69 2.25 0.00	42.14 2.42 0.00	44.83 2.89 0.00	44.16 3.35 0.00	45.35 3.67 0.00	52.14 4.70 0.00	57.31 4.97 0.00	49.62 4.18 0.00	40.35 3.43 0.00	38.19 3.02 0.00
ISLIP_RES_REC 323679	32.38 2.59 -0.01	28.31 2.24 0.00	26.36 1.97 0.00	27.07 2.01 0.00	27.10 2.08 -0.01	33.54 2.63 -0.01	42.51 3.26 -0.01	45.55 3.58 -2.60	49.22 3.79 -4.20	49.22 3.97 -3.85	49.81 3.70 -4.08	49.98 3.58 -5.74	49.84 3.56 -7.10	49.84 3.44 -7.71	49.50 3.71 -6.35	48.64 3.78 -5.14	49.79 3.94 -3.92	50.42 3.92 -5.68	54.83 3.67 -9.48	67.23 4.13 -15.66	68.54 4.76 -11.44	59.52 4.09 -10.00	48.21 3.21 -8.08	43.69 2.88 -5.64
JAMAICA__27_KV_LOAD 355505	31.51 1.73 0.00	27.61 1.54 0.00	25.80 1.41 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.89 2.52 0.00	43.91 2.68 0.00	44.45 3.06 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.04 2.86 0.00	41.43 2.75 0.00	42.36 2.92 0.00	42.58 2.86 0.00	44.95 3.02 0.00	43.79 2.98 0.00	44.43 2.75 0.00	50.34 2.89 0.00	55.89 3.56 0.00	48.26 2.82 0.00	38.87 1.96 0.00	36.67 1.51 0.01
JANIS___SOLAR 323808	30.87 1.04 -0.05	27.06 0.94 -0.05	25.29 0.85 -0.05	26.01 0.90 -0.05	26.00 0.93 -0.05	32.06 1.30 0.14	41.32 2.08 0.00	41.37 2.01 0.00	43.00 1.77 0.00	43.00 1.53 -0.08	43.36 1.30 -0.03	42.39 1.54 -0.19	40.45 1.29 0.02	40.11 1.00 -0.42	41.15 1.07 -0.65	41.65 1.07 -0.86	44.18 1.34 -0.90	43.05 1.51 -0.72	43.86 1.71 -0.47	49.77 2.37 0.04	55.16 2.77 -0.05	48.37 2.27 -0.66	38.58 1.66 0.00	36.64 1.48 0.00
JARVIS____ 23743	29.87 0.09 0.00	26.15 0.08 0.00	24.46 0.07 0.00	25.14 0.08 0.00	25.07 0.05 0.00	30.97 0.06 0.00	39.32 0.08 0.00	39.45 0.08 0.00	41.31 0.08 0.00	41.47 0.08 0.00	42.11 0.08 0.00	40.74 0.08 0.00	39.25 0.08 0.00	38.76 0.08 0.00	39.52 0.08 0.00	39.80 0.08 0.00	42.06 0.13 0.00	40.94 0.12 0.00	41.76 0.08 0.00	47.54 0.10 0.00	52.44 0.10 0.00	45.53 0.09 0.00	36.99 0.07 0.00	35.24 0.07 0.00
JENNISON___1 23625	31.32 1.52 -0.01	27.46 1.38 -0.01	25.64 1.24 -0.01	26.38 1.30 -0.01	26.36 1.33 -0.01	32.41 1.79 0.29	41.82 2.63 0.05	42.23 2.87 0.01	43.71 2.72 0.24	43.73 2.65 0.31	44.31 2.56 0.28	43.56 3.05 0.15	41.93 2.78 0.03	41.27 2.24 -0.34	42.26 2.48 -0.33	42.49 2.34 -0.43	44.59 2.56 -0.10	43.53 2.37 -0.35	44.35 2.25 -0.42	50.34 2.94 0.05	55.72 3.35 -0.03	48.88 2.86 -0.58	38.98 2.07 0.00	37.03 1.86 0.00
JENNISON___2 23626	31.32 1.52 -0.01	27.46 1.38 -0.01	25.64 1.24 -0.01	26.38 1.30 -0.01	26.36 1.33 -0.01	32.41 1.79 0.29	41.82 2.63 0.05	42.23 2.87 0.01	43.71 2.72 0.24	43.73 2.65 0.31	44.31 2.56 0.28	43.56 3.05 0.15	41.93 2.78 0.03	41.27 2.24 -0.34	42.26 2.48 -0.33	42.49 2.34 -0.43	44.59 2.56 -0.10	43.53 2.37 -0.35	44.35 2.25 -0.42	50.34 2.94 0.05	55.72 3.35 -0.03	48.88 2.86 -0.58	38.98 2.07 0.00	37.03 1.86 0.00
JERICHO_RISE_WT_PWR 323719	29.61 -0.18 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.94 -0.12 0.00	24.95 -0.07 0.00	30.81 -0.09 0.00	39.21 -0.04 0.00	39.41 0.04 0.00	41.27 0.04 0.00	41.43 0.04 0.00	42.07 0.04 0.00	40.74 0.08 0.00	39.21 0.04 0.00	38.72 0.04 0.00	39.52 0.08 0.00	39.80 0.08 0.00	41.98 0.04 0.00	40.77 -0.04 0.00	41.76 0.08 0.00	47.40 -0.05 0.00	52.39 0.05 0.00	45.48 0.05 0.00	36.84 -0.07 0.00	35.09 -0.07 0.00
KATONAH___115KV_46KV_TB4 355592	31.39 1.61 0.00	27.50 1.43 0.00	25.73 1.34 0.00	26.37 1.30 0.00	26.32 1.30 0.00	32.51 1.61 0.00	41.21 1.96 0.00	41.65 2.28 0.00	43.75 2.52 0.00	44.12 2.73 0.00	44.68 2.65 0.00	43.22 2.56 0.00	41.76 2.59 0.00	41.20 2.51 0.00	42.08 2.64 0.00	42.42 2.70 0.00	44.66 2.73 0.00	43.55 2.73 0.00	44.14 2.46 0.00	50.00 2.56 0.00	55.48 3.14 0.00	47.98 2.54 0.00	38.84 1.92 0.00	36.75 1.58 0.00
KCE_NY_1 323755	31.15 1.37 0.00	27.27 1.20 0.00	25.51 1.12 0.00	26.22 1.15 0.00	26.12 1.10 0.00	32.26 1.36 0.00	41.01 1.77 0.00	41.14 1.77 0.00	43.09 1.86 0.00	43.17 1.78 0.00	43.88 1.85 0.00	42.29 1.63 0.00	40.66 1.49 0.00	40.19 1.51 0.00	41.02 1.58 0.00	41.31 1.59 0.00	43.82 1.89 0.00	42.85 2.04 0.00	43.72 2.04 0.00	49.86 2.42 0.00	54.85 2.51 0.00	47.66 2.23 0.00	38.76 1.85 0.00	36.82 1.65 0.00
KCE_NY_6_ESR 323823	26.63 -3.13 0.02	23.33 -2.71 0.02	21.83 -2.54 0.02	22.59 -2.46 0.02	22.42 -2.58 0.02	25.84 -2.87 2.19	35.89 -2.90 0.46	35.94 -3.35 0.08	36.36 -2.84 2.03	35.37 -2.86 3.16	36.41 -3.03 2.59	35.25 -2.85 2.56	36.14 -2.82 0.22	35.36 -3.33 0.00	34.96 -2.92 1.56	34.46 -3.22 2.04	33.32 -3.69 4.93	35.49 -3.51 1.82	37.80 -3.88 0.01	42.86 -3.56 1.03	47.08 -3.93 1.33	42.12 -3.32 0.00	34.55 -2.36 0.00	32.56 -2.60 0.00
KEDC_PORT_JEFF_GT2 24210	32.26 2.47 -0.01	28.21 2.14 0.00	26.27 1.88 0.00	26.97 1.90 0.00	26.98 1.95 -0.01	33.39 2.47 -0.01	42.32 3.06 -0.01	45.29 3.34 -2.58	48.90 3.50 -4.17	48.90 3.68 -3.83	49.49 3.40 -4.05	49.65 3.29 -5.70	49.52 3.29 -7.05	49.52 3.17 -7.66	49.22 3.47 -6.31	48.36 3.53 -5.11	49.47 3.65 -3.89	50.09 3.63 -5.65	54.46 3.37 -9.40	66.74 3.80 -15.50	68.03 4.40 -11.30	59.11 3.77 -9.90	47.94 2.99 -8.03	43.48 2.71 -5.61
KEDC_PORT_JEFF_GT3 24211	32.26 2.47 -0.01	28.21 2.14 0.00	26.27 1.88 0.00	26.97 1.90 0.00	26.98 1.95 -0.01	33.39 2.47 -0.01	42.32 3.06 -0.01	45.29 3.34 -2.58	48.90 3.50 -4.17	48.90 3.68 -3.83	49.49 3.40 -4.05	49.65 3.29 -5.70	49.52 3.29 -7.05	49.52 3.17 -7.66	49.22 3.47 -6.31	48.36 3.53 -5.11	49.47 3.65 -3.89	50.09 3.63 -5.65	54.46 3.37 -9.40	66.74 3.80 -15.50	68.03 4.40 -11.30	59.11 3.77 -9.90	47.94 2.99 -8.03	43.48 2.71 -5.61
KEDC_GLWD_GT4 24219	31.83 2.03 -0.02	27.87 1.80 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.66 1.63 -0.01	32.96 2.04 -0.02	41.73 2.47 -0.02	46.26 2.80 -4.10	50.86 3.01 -6.63	50.74 3.27 -6.08	51.63 3.15 -6.44	52.77 3.05 -9.06	53.44 3.06 -11.20	53.84 2.98 -12.18	52.63 3.16 -10.03	50.98 3.14 -8.12	51.39 3.27 -6.19	52.97 3.19 -8.97	58.29 2.92 -13.70	70.71 2.99 -20.28	69.12 3.51 -13.28	61.84 3.09 -13.31	52.04 2.36 -12.76	46.04 1.97 -8.91
KEDC_GLWD_GT5 24220	31.83 2.03 -0.02	27.87 1.80 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.66 1.63 -0.01	32.96 2.04 -0.02	41.73 2.47 -0.02	46.26 2.80 -4.10	50.86 3.01 -6.63	50.74 3.27 -6.08	51.63 3.15 -6.44	52.77 3.05 -9.06	53.44 3.06 -11.20	53.84 2.98 -12.18	52.63 3.16 -10.03	50.98 3.14 -8.12	51.39 3.27 -6.19	52.97 3.19 -8.97	58.29 2.92 -13.70	70.71 2.99 -20.28	69.12 3.51 -13.28	61.84 3.09 -13.31	52.04 2.36 -12.76	46.04 1.97 -8.91

KENSICO____ 23655	31.39 1.61 0.00	27.48 1.41 0.00	25.70 1.32 0.00	26.34 1.28 0.00	26.27 1.25 0.00	32.48 1.58 0.00	41.13 1.88 0.00	41.69 2.32 0.00	43.66 2.43 0.00	44.08 2.69 0.00	44.68 2.65 0.00	43.22 2.56 0.00	41.72 2.55 0.00	41.16 2.48 0.00	42.04 2.60 0.00	42.30 2.58 0.00	44.66 2.73 0.00	43.51 2.69 0.00	44.14 2.46 0.00	50.00 2.56 0.00	55.48 3.14 0.00	47.94 2.50 0.00	38.76 1.85 0.00	36.64 1.48 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.42 1.64 0.00	27.50 1.43 0.00	25.75 1.37 0.00	26.34 1.28 0.00	26.30 1.28 0.00	32.54 1.64 0.00	41.29 2.04 0.00	41.73 2.36 0.00	43.70 2.47 0.00	43.96 2.57 0.00	44.51 2.48 0.00	43.06 2.40 0.00	41.57 2.39 0.00	41.04 2.36 0.00	41.96 2.52 0.00	42.22 2.50 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.22 2.54 0.00	50.24 2.80 0.00	55.79 3.45 0.00	48.21 2.77 0.00	38.95 2.03 0.00	36.82 1.65 0.00
KIAC_JFK_GT1 23816	31.36 1.58 0.00	27.48 1.41 0.00	25.70 1.32 0.00	26.32 1.25 0.00	26.25 1.23 0.00	32.42 1.51 0.00	41.01 1.77 0.00	41.69 2.32 0.00	43.70 2.47 0.00	44.21 2.81 0.00	44.76 2.73 0.00	43.30 2.64 0.00	41.84 2.66 0.00	41.24 2.55 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.74 2.81 0.00	43.59 2.78 0.00	44.18 2.50 0.00	50.05 2.61 0.00	55.58 3.24 0.00	47.98 2.54 0.00	38.69 1.77 0.00	36.49 1.34 0.01
KIAC_JFK_GT2 23817	31.36 1.58 0.00	27.48 1.41 0.00	25.70 1.32 0.00	26.32 1.25 0.00	26.25 1.23 0.00	32.42 1.51 0.00	41.01 1.77 0.00	41.69 2.32 0.00	43.70 2.47 0.00	44.21 2.81 0.00	44.76 2.73 0.00	43.30 2.64 0.00	41.84 2.66 0.00	41.24 2.55 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.74 2.81 0.00	43.59 2.78 0.00	44.18 2.50 0.00	50.05 2.61 0.00	55.58 3.24 0.00	47.98 2.54 0.00	38.69 1.77 0.00	36.49 1.34 0.01
KIAC_JFK____ 323774	31.36 1.58 0.00	27.48 1.41 0.00	25.70 1.32 0.00	26.32 1.25 0.00	26.25 1.23 0.00	32.42 1.51 0.00	41.01 1.77 0.00	41.65 2.28 0.00	43.70 2.47 0.00	44.25 2.85 0.00	44.72 2.69 0.00	43.30 2.64 0.00	41.84 2.67 0.00	41.24 2.55 0.00	42.16 2.72 0.00	42.42 2.70 0.00	44.74 2.81 0.00	43.59 2.78 0.00	44.18 2.50 0.00	50.05 2.61 0.00	55.48 3.14 0.00	47.98 2.54 0.00	38.69 1.77 0.00	36.49 1.34 0.01
KINTIGH_24_KV_GSU 356498	26.61 -3.16 0.02	23.42 -2.63 0.02	21.79 -2.59 0.02	22.72 -2.33 0.02	22.53 -2.48 0.02	25.49 -3.37 2.05	35.07 -3.77 0.40	35.80 -3.50 0.07	35.55 -3.88 1.81	34.69 -3.89 2.81	35.81 -3.91 2.31	34.52 -3.86 2.28	35.26 -3.72 0.19	35.47 -3.21 0.00	34.20 -3.86 1.38	33.82 -4.09 1.81	33.02 -4.53 4.38	34.87 -4.33 1.61	38.05 -3.63 0.01	43.39 -3.08 0.97	47.73 -3.35 1.25	42.21 -3.23 0.00	34.52 -2.40 0.00	32.56 -2.60 0.00
KINTIGH____ 23543	26.61 -3.16 0.02	23.39 -2.66 0.02	21.81 -2.56 0.02	22.69 -2.36 0.02	22.53 -2.48 0.02	25.46 -3.40 2.05	35.04 -3.81 0.40	35.52 -3.78 0.07	35.55 -3.88 1.81	34.69 -3.89 2.81	35.77 -3.95 2.31	34.52 -3.86 2.28	35.26 -3.72 0.19	35.43 -3.25 0.00	34.23 -3.83 1.38	33.72 -4.05 1.95	32.73 -4.49 4.72	34.75 -4.33 1.74	38.05 -3.63 0.01	43.39 -3.08 0.97	47.73 -3.35 1.25	42.21 -3.23 0.00	34.52 -2.40 0.00	32.56 -2.60 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.96 0.18 0.00	26.17 0.10 0.00	24.48 0.10 0.00	25.24 0.18 0.00	25.25 0.23 0.00	31.21 0.31 0.00	39.79 0.55 0.00	39.92 0.55 0.00	41.89 0.66 0.00	42.01 0.62 0.00	42.70 0.67 0.00	41.35 0.69 0.00	39.76 0.59 0.00	39.26 0.58 0.00	40.11 0.67 0.00	40.43 0.71 0.00	42.69 0.75 0.00	41.43 0.61 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.33 0.99 0.00	46.26 0.82 0.00	37.40 0.48 0.00	35.66 0.49 0.00
LACHUTE____HYDRO 323717	32.05 2.26 0.00	28.08 2.01 0.00	26.24 1.85 0.00	27.02 1.96 0.00	26.90 1.88 0.00	33.23 2.32 0.00	42.58 3.33 0.00	42.48 3.11 0.00	44.28 3.05 0.00	44.21 2.82 0.00	45.01 2.98 0.00	43.10 2.44 0.00	41.25 2.07 0.00	40.85 2.16 0.00	41.69 2.25 0.00	42.06 2.34 0.00	44.87 2.93 0.00	44.16 3.35 0.00	45.35 3.67 0.00	52.14 4.70 0.00	57.25 4.92 0.00	49.62 4.18 0.00	40.35 3.43 0.00	38.19 3.02 0.00
LAWRNCV_115KV_TB1 80681	29.81 0.03 0.00	26.04 -0.03 0.00	24.39 0.00 0.00	25.09 0.03 0.00	25.10 0.08 0.00	30.97 0.06 0.00	39.36 0.12 0.00	39.56 0.20 0.00	41.48 0.25 0.00	41.60 0.21 0.00	42.28 0.25 0.00	40.86 0.20 0.00	39.33 0.16 0.00	38.84 0.15 0.00	39.68 0.24 0.00	39.96 0.24 0.00	42.10 0.17 0.00	40.82 0.00 0.00	41.85 0.17 0.00	47.44 0.00 0.00	52.39 0.05 0.00	45.57 0.14 0.00	36.99 0.07 0.00	35.31 0.14 0.00
LEDERLE____ 23769	31.39 1.61 0.00	27.48 1.41 0.00	25.70 1.32 0.00	26.29 1.23 0.00	26.27 1.25 0.00	32.48 1.58 0.00	41.17 1.92 0.00	41.69 2.32 0.00	43.66 2.43 0.00	44.08 2.69 0.00	44.68 2.65 0.00	43.22 2.56 0.00	41.76 2.59 0.00	41.20 2.51 0.00	42.08 2.64 0.00	42.34 2.62 0.00	44.70 2.77 0.00	43.51 2.69 0.00	44.18 2.50 0.00	50.05 2.61 0.00	55.58 3.24 0.00	48.03 2.59 0.00	38.84 1.92 0.00	36.71 1.55 0.00
LIGHTHSE_115KV_TB6 355974	29.49 -0.30 0.00	25.81 -0.26 0.00	24.14 -0.24 0.00	24.86 -0.20 0.00	24.80 -0.23 0.00	30.60 -0.31 0.00	38.97 -0.27 0.00	38.97 -0.39 0.00	40.61 -0.62 0.00	40.93 -0.66 -0.20	41.47 -0.63 -0.07	40.64 -0.49 -0.47	38.63 -0.55 0.00	39.14 -0.62 -1.08	40.49 -0.59 -1.64	41.30 -0.60 -2.18	43.55 -0.67 -2.28	41.99 -0.65 -1.83	42.42 -0.63 -1.36	47.89 -0.47 -0.92	53.35 -0.47 -1.49	46.84 -0.50 -1.90	36.47 -0.44 0.00	34.88 -0.28 0.00
LINDEN COGEN____ 23786	31.39 1.61 0.00	27.50 1.43 0.00	25.73 1.34 0.00	26.34 1.28 0.00	26.27 1.25 0.00	32.45 1.54 0.00	41.05 1.81 0.00	41.65 2.28 0.00	43.66 2.43 0.00	44.21 2.82 0.00	44.72 2.69 0.00	43.30 2.64 0.00	41.84 2.67 0.00	41.24 2.55 0.00	42.16 2.72 0.00	42.42 2.70 0.00	44.74 2.81 0.00	43.55 2.73 0.00	44.14 2.46 0.00	50.00 2.56 0.00	55.48 3.14 0.00	47.94 2.50 0.00	38.69 1.77 0.00	36.53 1.37 0.00
LINDHRST_69_KV_BK1 356055	32.21 2.41 -0.01	28.21 2.14 0.00	26.26 1.88 0.00	26.97 1.90 0.00	26.98 1.95 -0.01	33.39 2.47 -0.01	42.28 3.02 -0.01	45.60 3.39 -2.84	49.33 3.50 -4.60	49.34 3.73 -4.22	50.03 3.53 -4.47	50.32 3.37 -6.28	50.32 3.37 -7.77	50.34 3.21 -8.45	49.87 3.47 -6.96	48.85 3.50 -5.63	49.92 3.69 -4.29	50.67 3.63 -6.22	54.84 3.42 -9.74	66.16 3.80 -14.92	66.96 4.50 -10.13	58.83 3.68 -9.71	48.69 2.92 -8.85	43.91 2.57 -6.18
LIPA_MISC_IPP 23656	32.21 2.41 -0.01	28.13 2.06 0.00	26.22 1.83 0.00	26.92 1.85 0.00	26.93 1.90 -0.01	33.33 2.41 -0.01	42.24 2.98 -0.01	45.29 3.35 -2.57	48.85 3.46 -4.16	48.81 3.60 -3.82	49.44 3.36 -4.04	49.56 3.21 -5.68	49.46 3.25 -7.03	49.46 3.13 -7.64	49.17 3.43 -6.30	48.27 3.46 -5.10	49.42 3.61 -3.88	50.08 3.63 -5.63	54.55 3.33 -9.54	67.21 3.75 -16.02	68.66 4.45 -11.87	59.44 3.82 -10.18	47.92 2.99 -8.01	43.46 2.71 -5.59

LISF___SOLAR 323691	32.24 2.44 -0.01	28.18 2.11 0.00	26.27 1.88 0.00	26.94 1.88 0.00	26.98 1.95 -0.01	33.39 2.47 -0.01	42.32 3.06 -0.01	45.29 3.34 -2.58	48.94 3.55 -4.16	48.89 3.68 -3.82	49.48 3.40 -4.05	49.64 3.29 -5.69	49.51 3.29 -7.04	49.54 3.21 -7.65	49.21 3.47 -6.30	48.36 3.53 -5.10	49.51 3.69 -3.89	50.17 3.71 -5.64	54.62 3.42 -9.52	67.28 3.89 -15.94	68.62 4.50 -11.78	59.49 3.91 -10.14	48.04 3.10 -8.02	43.54 2.78 -5.60
LITTLE FALLS___HYD 24013	29.60 -0.18 0.00	25.99 -0.08 0.00	24.31 -0.07 0.00	24.99 -0.08 0.00	24.97 -0.05 0.00	30.91 0.00 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	41.07 -0.16 0.00	41.23 -0.17 0.00	41.86 -0.17 0.00	40.74 0.08 0.00	39.21 0.04 0.00	38.65 -0.04 0.00	39.32 -0.12 0.00	39.56 -0.16 0.00	41.72 -0.21 0.00	40.41 -0.41 0.00	41.18 -0.50 0.00	46.87 -0.57 0.00	51.76 -0.58 0.00	44.94 -0.50 0.00	36.70 -0.22 0.00	35.02 -0.14 0.00
LITTLRIV_115KV_TB1 356100	29.75 -0.03 0.00	25.99 -0.08 0.00	24.31 -0.07 0.00	25.06 0.00 0.00	25.07 0.05 0.00	30.91 0.00 0.00	39.40 0.16 0.00	39.56 0.20 0.00	41.15 -0.08 0.00	41.05 -0.37 -0.03	41.66 -0.38 -0.01	40.08 -0.65 -0.07	38.47 -0.71 0.00	38.15 -0.70 -0.16	39.13 -0.55 -0.25	39.53 -0.52 -0.33	41.73 -0.55 -0.34	40.27 -0.82 -0.27	41.43 -0.50 -0.25	47.00 -0.57 -0.13	51.98 -0.58 -0.22	45.43 -0.36 -0.35	36.62 -0.30 0.00	35.09 -0.07 0.00
LI_NEWBRDGE___DRP 323616	31.73 1.94 -0.01	27.82 1.75 0.00	25.95 1.56 0.00	26.62 1.55 0.00	26.61 1.58 -0.01	32.86 1.95 -0.01	41.57 2.32 -0.01	44.46 2.68 -2.42	47.86 2.72 -3.91	47.96 2.98 -3.58	48.60 2.77 -3.80	48.64 2.64 -5.34	48.44 2.66 -6.61	48.41 2.55 -7.18	48.15 2.80 -5.91	47.33 2.82 -4.79	48.52 2.94 -3.65	48.96 2.86 -5.29	52.34 2.58 -8.07	62.20 2.80 -11.95	63.51 3.35 -7.83	56.01 2.73 -7.85	46.62 2.18 -7.52	42.32 1.90 -5.25
LOCKPORT_115KV_TB60_63_64 80432	26.16 -3.60 0.02	22.97 -3.08 0.02	21.44 -2.93 0.02	22.26 -2.78 0.02	22.07 -2.93 0.02	25.27 -3.74 1.90	34.77 -4.12 0.35	35.13 -4.17 0.06	35.45 -4.08 1.70	34.56 -4.18 2.65	35.53 -4.33 2.17	34.37 -4.15 2.14	34.94 -4.00 0.24	34.70 -3.98 0.00	33.99 -4.14 1.30	33.48 -4.41 1.83	32.61 -4.91 4.42	34.50 -4.69 1.63	37.25 -4.42 0.01	42.39 -3.99 1.06	46.57 -4.40 1.37	41.53 -3.91 0.00	34.11 -2.81 0.00	32.11 -3.06 0.00
LOCKPORT___CC1 323769	26.13 -3.63 0.02	22.97 -3.08 0.02	21.42 -2.95 0.02	22.29 -2.76 0.02	22.10 -2.90 0.02	25.25 -3.71 1.95	34.83 -4.04 0.37	35.25 -4.05 0.06	35.37 -4.08 1.77	34.45 -4.18 2.77	35.48 -4.29 2.26	34.27 -4.15 2.24	34.94 -4.00 0.24	34.78 -3.91 0.00	33.93 -4.14 1.36	33.62 -4.41 1.69	32.89 -4.95 4.09	34.62 -4.69 1.51	37.25 -4.42 0.01	42.39 -3.99 1.07	46.56 -4.40 1.38	41.53 -3.91 0.00	34.11 -2.81 0.00	32.11 -3.06 0.00
LOCKPORT___CC2 323770	26.13 -3.63 0.02	22.97 -3.08 0.02	21.42 -2.95 0.02	22.29 -2.76 0.02	22.10 -2.90 0.02	25.25 -3.71 1.95	34.83 -4.04 0.37	35.25 -4.05 0.06	35.37 -4.08 1.77	34.45 -4.18 2.77	35.48 -4.29 2.26	34.27 -4.15 2.24	34.94 -4.00 0.24	34.78 -3.91 0.00	33.93 -4.14 1.36	33.62 -4.41 1.69	32.89 -4.95 4.09	34.62 -4.69 1.51	37.25 -4.42 0.01	42.39 -3.99 1.07	46.56 -4.40 1.38	41.53 -3.91 0.00	34.11 -2.81 0.00	32.11 -3.06 0.00
LOCKPORT___CC3 323771	26.13 -3.63 0.02	22.97 -3.08 0.02	21.42 -2.95 0.02	22.29 -2.76 0.02	22.10 -2.90 0.02	25.25 -3.71 1.95	34.83 -4.04 0.37	35.25 -4.05 0.06	35.37 -4.08 1.77	34.45 -4.18 2.77	35.48 -4.29 2.26	34.27 -4.15 2.24	34.94 -4.00 0.24	34.78 -3.91 0.00	33.93 -4.14 1.36	33.62 -4.41 1.69	32.89 -4.95 4.09	34.62 -4.69 1.51	37.25 -4.42 0.01	42.39 -3.99 1.07	46.56 -4.40 1.38	41.53 -3.91 0.00	34.11 -2.81 0.00	32.11 -3.06 0.00
LOCUSVLY_69_KV_BK2 55797	31.97 2.17 -0.01	28.00 1.93 0.00	26.12 1.73 0.00	26.79 1.73 0.00	26.76 1.73 -0.01	33.08 2.16 -0.01	41.89 2.63 -0.01	46.09 3.03 -3.69	50.37 3.17 -5.97	50.31 3.44 -5.48	51.11 3.28 -5.80	51.99 3.17 -8.16	52.44 3.17 -10.09	52.71 3.06 -10.97	51.75 3.27 -9.04	50.29 3.26 -7.32	50.90 3.40 -5.57	52.20 3.31 -8.08	56.90 3.04 -12.18	68.42 3.27 -17.70	67.61 3.93 -11.35	60.34 3.23 -11.68	50.92 2.51 -11.50	45.37 2.18 -8.03
LONG_LAKE_PHOENIX 24014	29.13 -0.66 0.00	25.50 -0.57 0.00	23.85 -0.54 0.00	24.51 -0.55 0.00	24.47 -0.55 0.00	30.26 -0.65 0.00	38.50 -0.75 0.00	38.42 -0.94 0.00	40.24 -0.99 0.00	40.73 -0.95 -0.29	41.16 -0.97 -0.10	40.39 -0.94 -0.67	38.27 -0.90 0.00	39.31 -0.89 -1.52	40.81 -0.95 -2.31	41.88 -0.91 -3.08	44.11 -1.05 -3.23	42.37 -1.02 -2.58	42.56 -1.04 -1.92	48.00 -1.09 -1.65	53.78 -1.10 -2.55	47.02 -1.09 -2.68	36.07 -0.85 0.00	34.39 -0.77 0.00
LOVETT___3 23632	31.27 1.49 0.00	27.37 1.30 0.00	25.63 1.24 0.00	26.22 1.15 0.00	26.20 1.18 0.00	32.36 1.45 0.00	41.01 1.77 0.00	41.53 2.17 0.00	43.50 2.27 0.00	43.88 2.48 0.00	44.47 2.44 0.00	43.02 2.36 0.00	41.57 2.39 0.00	41.01 2.32 0.00	41.88 2.45 0.00	42.14 2.42 0.00	44.49 2.56 0.00	43.30 2.49 0.00	43.93 2.25 0.00	49.81 2.37 0.00	55.27 2.93 0.00	47.80 2.36 0.00	38.65 1.74 0.00	36.54 1.37 0.00
LOVETT___4 23642	31.27 1.49 0.00	27.37 1.30 0.00	25.63 1.24 0.00	26.22 1.15 0.00	26.20 1.18 0.00	32.36 1.45 0.00	41.01 1.77 0.00	41.53 2.17 0.00	43.50 2.27 0.00	43.88 2.48 0.00	44.47 2.44 0.00	43.02 2.36 0.00	41.57 2.39 0.00	41.01 2.32 0.00	41.88 2.45 0.00	42.14 2.42 0.00	44.49 2.56 0.00	43.30 2.49 0.00	43.93 2.25 0.00	49.81 2.37 0.00	55.27 2.93 0.00	47.80 2.36 0.00	38.65 1.74 0.00	36.54 1.37 0.00
LOVETT___5 23593	31.27 1.49 0.00	27.37 1.30 0.00	25.63 1.24 0.00	26.22 1.15 0.00	26.20 1.18 0.00	32.36 1.45 0.00	41.01 1.77 0.00	41.53 2.17 0.00	43.50 2.27 0.00	43.88 2.48 0.00	44.47 2.44 0.00	43.02 2.36 0.00	41.57 2.39 0.00	41.01 2.32 0.00	41.88 2.45 0.00	42.14 2.42 0.00	44.49 2.56 0.00	43.30 2.49 0.00	43.93 2.25 0.00	49.81 2.37 0.00	55.27 2.93 0.00	47.80 2.36 0.00	38.65 1.74 0.00	36.54 1.37 0.00
LOWER RAQUET___HYD 24057	29.46 -0.33 0.00	25.73 -0.34 0.00	24.10 -0.29 0.00	24.81 -0.25 0.00	24.82 -0.20 0.00	30.54 -0.37 0.00	38.93 -0.32 0.00	39.13 -0.23 0.00	40.78 -0.45 0.00	40.76 -0.66 -0.03	41.41 -0.63 -0.01	39.76 -0.98 -0.08	38.16 -1.02 0.00	37.85 -1.01 -0.17	38.80 -0.91 -0.27	39.16 -0.91 -0.35	41.21 -1.09 -0.37	39.68 -1.43 -0.30	40.70 -1.21 -0.23	46.18 -1.38 -0.11	51.17 -1.36 -0.20	44.62 -1.13 -0.31	36.07 -0.85 0.00	34.60 -0.56 0.00
LOWER___HUDSON 24059	30.83 1.04 0.00	27.01 0.94 0.00	25.24 0.85 0.00	25.92 0.85 0.00	25.85 0.82 0.00	31.92 1.02 0.00	40.46 1.22 0.00	40.63 1.26 0.00	42.63 1.40 0.00	42.59 1.20 0.00	43.33 1.30 0.00	41.80 1.14 0.00	40.27 1.10 0.00	39.77 1.08 0.00	40.58 1.14 0.00	40.91 1.19 0.00	43.36 1.43 0.00	42.33 1.51 0.00	43.14 1.46 0.00	49.10 1.66 0.00	53.90 1.57 0.00	46.98 1.55 0.00	38.21 1.29 0.00	36.32 1.16 0.00

LOWVILLE_115KV_TB2 356335	29.93 0.15 0.00	26.20 0.13 0.00	24.53 0.15 0.00	25.39 0.33 0.00	25.37 0.35 0.00	31.34 0.43 0.00	40.03 0.78 0.00	40.23 0.87 0.00	41.73 0.49 0.00	41.72 0.25 -0.08	42.27 0.21 -0.03	41.16 0.33 -0.18	39.37 0.20 0.00	39.08 0.00 -0.40	40.17 0.12 -0.61	40.69 0.16 -0.81	43.16 0.38 -0.85	41.78 0.29 -0.68	42.62 0.42 -0.52	48.51 0.81 -0.26	53.78 0.99 -0.45	47.07 0.91 -0.73	37.54 0.63 0.00	35.83 0.67 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.12 1.34 0.00	27.24 1.17 0.00	25.48 1.10 0.00	26.19 1.13 0.00	26.10 1.08 0.00	32.23 1.33 0.00	40.97 1.73 0.00	41.14 1.77 0.00	43.05 1.81 0.00	43.13 1.74 0.00	43.88 1.85 0.00	42.25 1.59 0.00	40.62 1.45 0.00	40.15 1.47 0.00	40.98 1.54 0.00	41.31 1.59 0.00	43.78 1.85 0.00	42.82 2.00 0.00	43.68 2.00 0.00	49.86 2.42 0.00	54.85 2.51 0.00	47.62 2.18 0.00	38.73 1.81 0.00	36.78 1.62 0.00
LUTHERNY_35_KV_BK2 355980	31.15 1.37 0.00	27.27 1.20 0.00	25.51 1.12 0.00	26.22 1.15 0.00	26.12 1.10 0.00	32.27 1.36 0.00	41.01 1.77 0.00	41.14 1.77 0.00	43.09 1.86 0.00	43.13 1.74 0.00	43.88 1.85 0.00	42.29 1.63 0.00	40.66 1.49 0.00	40.19 1.51 0.00	41.02 1.58 0.00	41.35 1.63 0.00	43.82 1.89 0.00	42.86 2.04 0.00	43.72 2.04 0.00	49.86 2.42 0.00	54.90 2.56 0.00	47.66 2.23 0.00	38.76 1.85 0.00	36.82 1.65 0.00
LWR__OSWEGATCHIE_HYD 23850	29.49 -0.30 0.00	25.78 -0.29 0.00	24.14 -0.24 0.00	24.89 -0.18 0.00	24.87 -0.15 0.00	30.66 -0.25 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	40.82 -0.41 0.00	40.83 -0.62 -0.06	41.42 -0.63 -0.02	40.07 -0.73 -0.14	38.35 -0.82 0.00	38.12 -0.89 -0.32	39.10 -0.83 -0.49	39.62 -0.75 -0.66	41.87 -0.75 -0.69	40.39 -0.98 -0.55	41.34 -0.79 -0.45	46.96 -0.71 -0.22	51.99 -0.73 -0.39	45.52 -0.55 -0.62	36.51 -0.41 0.00	34.92 -0.25 0.00
LYONS_FALL_HYD 23570	30.08 0.30 0.00	26.33 0.26 0.00	24.66 0.27 0.00	25.46 0.40 0.00	25.45 0.42 0.00	31.43 0.52 0.00	40.15 0.90 0.00	40.35 0.98 0.00	41.93 0.70 0.00	41.95 0.50 -0.06	42.56 0.51 -0.02	41.50 0.69 -0.15	39.68 0.51 0.00	39.32 0.31 -0.33	40.38 0.43 -0.51	40.87 0.48 -0.67	43.31 0.67 -0.70	41.91 0.53 -0.56	42.65 0.63 -0.34	48.61 1.00 -0.17	53.84 1.20 -0.30	47.00 1.09 -0.48	37.69 0.78 0.00	35.90 0.74 0.00
MADISON__COUNTY_LFGE 323628	30.35 0.57 0.00	26.56 0.50 0.00	24.85 0.46 0.00	25.56 0.50 0.00	25.55 0.53 0.00	31.59 0.68 0.00	40.30 1.06 0.00	40.43 1.06 0.00	42.18 0.95 0.00	42.32 0.87 -0.06	42.93 0.88 -0.02	41.86 1.06 -0.15	40.12 0.94 0.00	39.75 0.73 -0.33	40.77 0.83 -0.51	41.23 0.83 -0.67	43.65 1.01 -0.71	42.32 0.94 -0.56	43.06 0.96 -0.42	48.72 1.28 0.00	53.95 1.52 -0.09	47.30 1.27 -0.59	37.88 0.96 0.00	36.04 0.88 0.00
MALONE__115KV_TB1 356076	29.81 0.03 0.00	26.04 -0.03 0.00	24.36 -0.02 0.00	25.11 0.05 0.00	25.12 0.10 0.00	31.21 0.31 0.00	39.83 0.59 0.00	40.07 0.71 0.00	42.01 0.78 0.00	42.10 0.70 0.00	42.74 0.71 0.00	41.39 0.73 0.00	39.84 0.67 0.00	39.30 0.62 0.00	40.19 0.75 0.00	40.43 0.71 0.00	42.73 0.80 0.00	41.43 0.61 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.38 1.05 0.00	46.30 0.86 0.00	37.40 0.48 0.00	35.62 0.46 0.00
MAPLEWOD_115KV_TB3 80458	30.65 0.86 0.00	26.85 0.78 0.00	25.09 0.71 0.00	25.76 0.70 0.00	25.70 0.68 0.00	31.71 0.80 0.00	40.15 0.90 0.00	40.35 0.98 0.00	42.30 1.07 0.00	42.39 0.99 0.00	43.12 1.09 0.00	41.55 0.89 0.00	40.04 0.86 0.00	39.57 0.89 0.00	40.35 0.91 0.00	40.67 0.95 0.00	42.98 1.05 0.00	41.96 1.14 0.00	42.76 1.08 0.00	48.63 1.19 0.00	53.49 1.15 0.00	46.53 1.09 0.00	37.88 0.96 0.00	36.01 0.84 0.00
MAPLE_RIDGE_WT_1 323574	29.37 -0.42 0.00	25.73 -0.34 0.00	24.10 -0.29 0.00	24.79 -0.28 0.00	24.77 -0.25 0.00	30.60 -0.31 0.00	38.89 -0.35 0.00	39.05 -0.32 0.00	40.90 -0.33 0.00	41.06 -0.33 0.00	41.69 -0.34 0.00	40.33 -0.33 0.00	38.86 -0.31 0.00	38.37 -0.31 0.00	39.12 -0.32 0.00	39.40 -0.32 0.00	41.56 -0.38 0.00	40.41 -0.41 0.00	41.26 -0.42 0.00	46.92 -0.52 0.00	51.76 -0.57 0.00	44.89 -0.54 0.00	36.44 -0.48 0.00	34.71 -0.46 0.00
MAPLE_RIDGE_WT_2 323611	29.37 -0.42 0.00	25.73 -0.34 0.00	24.10 -0.29 0.00	24.79 -0.28 0.00	24.77 -0.25 0.00	30.60 -0.31 0.00	38.89 -0.35 0.00	39.05 -0.32 0.00	40.90 -0.33 0.00	41.06 -0.33 0.00	41.69 -0.34 0.00	40.33 -0.33 0.00	38.86 -0.31 0.00	38.37 -0.31 0.00	39.12 -0.32 0.00	39.40 -0.32 0.00	41.56 -0.38 0.00	40.41 -0.41 0.00	41.26 -0.42 0.00	46.92 -0.52 0.00	51.76 -0.57 0.00	44.89 -0.54 0.00	36.44 -0.48 0.00	34.71 -0.46 0.00
MARBLE_RIVER_WT_PWR 323696	29.61 -0.18 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.94 -0.12 0.00	24.95 -0.07 0.00	30.81 -0.09 0.00	39.21 -0.04 0.00	39.41 0.04 0.00	41.31 0.08 0.00	41.43 0.04 0.00	42.11 0.08 0.00	40.74 0.08 0.00	39.25 0.08 0.00	38.76 0.08 0.00	39.56 0.12 0.00	39.80 0.08 0.00	42.02 0.08 0.00	40.82 0.00 0.00	41.76 0.08 0.00	47.44 0.00 0.00	52.39 0.05 0.00	45.48 0.05 0.00	36.84 -0.07 0.00	35.13 -0.04 0.00
MARSHVLE_115KV_TB1 80742	31.63 1.85 0.00	27.71 1.64 0.00	25.87 1.49 0.00	26.62 1.55 0.00	26.55 1.53 0.00	32.98 2.07 0.00	42.11 2.86 0.00	42.32 2.95 0.00	43.83 2.60 0.00	43.71 2.32 0.00	44.17 2.14 0.00	42.82 2.15 0.00	41.21 2.04 0.00	40.50 1.82 0.00	41.33 1.89 0.00	41.70 1.99 0.00	44.24 2.31 0.00	43.51 2.69 0.00	44.52 2.83 0.00	51.10 3.65 0.00	56.31 3.98 0.00	48.75 3.32 0.00	39.50 2.58 0.00	37.59 2.43 0.00
MARSH_HILL_WT_PWR 323713	27.26 -2.47 0.05	23.88 -2.14 0.05	22.33 -2.00 0.05	23.03 -1.98 0.05	23.04 -1.93 0.05	33.57 -1.85 -4.52	39.67 -1.37 -1.80	37.63 -2.01 -0.27	47.22 -1.48 -7.48	51.66 -1.41 -11.68	49.83 -1.76 -9.56	48.67 -1.50 -9.51	37.85 -1.61 -0.29	36.58 -2.28 -0.18	43.60 -1.81 -5.97	46.20 -2.02 -8.50	59.62 -2.39 -20.07	46.12 -2.24 -7.55	39.28 -2.58 -0.19	44.53 -2.28 0.64	49.20 -2.35 0.78	43.62 -2.09 -0.27	35.33 -1.59 0.00	33.37 -1.79 0.00
MCINTYRE_115KV_TB2 80467	30.02 0.24 0.00	26.25 0.18 0.00	24.56 0.17 0.00	25.29 0.23 0.00	25.30 0.28 0.00	31.21 0.31 0.00	39.75 0.51 0.00	39.92 0.55 0.00	41.48 0.25 0.00	41.38 -0.04 -0.03	42.00 -0.04 -0.01	40.48 -0.24 -0.06	38.86 -0.31 0.00	38.51 -0.31 -0.14	39.49 -0.16 -0.21	39.96 -0.04 -0.28	42.27 0.04 -0.30	40.89 -0.16 -0.24	42.07 0.17 -0.22	47.79 0.24 -0.11	52.84 0.31 -0.19	46.15 0.41 -0.30	37.18 0.26 0.00	35.55 0.39 0.00
MECO____69_KV_BK1 80468	31.72 1.94 0.00	27.76 1.69 0.00	25.92 1.54 0.00	26.67 1.60 0.00	26.60 1.58 0.00	33.04 2.13 0.00	42.23 2.98 0.00	42.32 2.95 0.00	43.91 2.68 0.00	43.71 2.32 0.00	44.13 2.10 0.00	42.57 1.91 0.00	40.98 1.80 0.00	40.31 1.62 0.00	41.17 1.74 0.00	41.63 1.91 0.00	44.20 2.26 0.00	43.51 2.69 0.00	44.60 2.92 0.00	51.24 3.80 0.00	56.42 4.08 0.00	48.89 3.45 0.00	39.65 2.73 0.00	37.66 2.50 0.00

MENANDS__115KV_TB5 355628	30.56 0.77 0.00	26.75 0.68 0.00	25.02 0.63 0.00	25.69 0.63 0.00	25.60 0.58 0.00	31.59 0.68 0.00	39.95 0.71 0.00	40.15 0.79 0.00	42.14 0.91 0.00	42.22 0.83 0.00	42.95 0.92 0.00	41.39 0.73 0.00	39.88 0.71 0.00	39.42 0.73 0.00	40.19 0.75 0.00	40.51 0.79 0.00	42.81 0.88 0.00	41.79 0.98 0.00	42.56 0.88 0.00	48.34 0.90 0.00	53.23 0.89 0.00	46.26 0.82 0.00	37.69 0.78 0.00	35.87 0.70 0.00
MG INDUSTRY__DRP 24185	30.62 0.83 0.00	26.82 0.76 0.00	25.09 0.71 0.00	25.76 0.70 0.00	25.67 0.65 0.00	31.71 0.80 0.00	40.11 0.86 0.00	40.31 0.94 0.00	42.22 0.99 0.00	42.34 0.95 0.00	43.00 0.97 0.00	41.47 0.81 0.00	39.96 0.78 0.00	39.46 0.77 0.00	40.23 0.79 0.00	40.55 0.83 0.00	42.86 0.92 0.00	41.84 1.02 0.00	42.64 0.96 0.00	48.49 1.04 0.00	53.49 1.15 0.00	46.44 1.00 0.00	37.84 0.92 0.00	36.01 0.84 0.00
MID__OSWEGATCHIE_HYD 23849	29.49 -0.30 0.00	25.78 -0.29 0.00	24.14 -0.24 0.00	24.89 -0.18 0.00	24.87 -0.15 0.00	30.66 -0.25 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	40.82 -0.41 0.00	40.83 -0.62 -0.06	41.42 -0.63 -0.02	40.07 -0.73 -0.14	38.35 -0.82 0.00	38.12 -0.89 -0.32	39.10 -0.83 -0.49	39.62 -0.75 -0.66	41.87 -0.75 -0.69	40.39 -0.98 -0.55	41.34 -0.79 -0.45	46.96 -0.71 -0.22	51.99 -0.73 -0.39	45.52 -0.55 -0.62	36.51 -0.41 0.00	34.92 -0.25 0.00
MID__RAQUETTE_HYD 23851	29.46 -0.33 0.00	25.73 -0.34 0.00	24.09 -0.29 0.00	24.81 -0.25 0.00	24.82 -0.20 0.00	30.54 -0.37 0.00	38.93 -0.31 0.00	39.13 -0.24 0.00	40.78 -0.45 0.00	40.76 -0.66 -0.03	41.41 -0.63 -0.01	39.76 -0.98 -0.08	38.16 -1.02 0.00	37.85 -1.01 -0.17	38.80 -0.91 -0.27	39.16 -0.91 -0.35	41.21 -1.09 -0.37	39.68 -1.43 -0.30	40.79 -1.17 -0.27	46.21 -1.38 -0.14	51.11 -1.47 -0.24	44.69 -1.14 -0.38	36.07 -0.85 0.00	34.60 -0.56 0.00
MILLIKEN__1 23584	30.14 0.30 -0.06	26.39 0.26 -0.06	24.69 0.24 -0.06	25.37 0.25 -0.06	25.35 0.28 -0.06	31.22 0.43 0.12	40.11 0.86 0.00	40.15 0.79 0.00	42.01 0.78 0.00	42.24 0.75 -0.10	42.70 0.63 -0.03	41.59 0.69 -0.24	39.72 0.55 0.00	39.61 0.39 -0.54	40.73 0.47 -0.82	41.32 0.52 -1.09	43.62 0.55 -1.14	42.34 0.61 -0.91	43.01 0.71 -0.62	48.47 1.00 -0.03	53.77 1.26 -0.18	47.26 0.95 -0.87	37.62 0.70 0.00	35.76 0.60 0.00
MILLIKEN__2 23585	30.14 0.30 -0.06	26.39 0.26 -0.06	24.69 0.24 -0.06	25.37 0.25 -0.06	25.35 0.28 -0.06	31.22 0.43 0.12	40.11 0.86 0.00	40.15 0.79 0.00	42.01 0.78 0.00	42.24 0.75 -0.10	42.70 0.63 -0.03	41.59 0.69 -0.24	39.72 0.55 0.00	39.61 0.39 -0.54	40.73 0.47 -0.82	41.32 0.52 -1.09	43.62 0.55 -1.14	42.34 0.61 -0.91	43.01 0.71 -0.62	48.47 1.00 -0.03	53.77 1.26 -0.18	47.26 0.95 -0.87	37.62 0.70 0.00	35.76 0.60 0.00
MILLIKEN__DIESEL 23629	30.14 0.30 -0.06	26.39 0.26 -0.06	24.69 0.24 -0.06	25.37 0.25 -0.06	25.35 0.28 -0.06	31.22 0.43 0.12	40.11 0.86 0.00	40.15 0.79 0.00	42.01 0.78 0.00	42.24 0.75 -0.10	42.70 0.63 -0.03	41.59 0.69 -0.24	39.72 0.55 0.00	39.61 0.39 -0.54	40.73 0.47 -0.82	41.32 0.52 -1.09	43.62 0.55 -1.14	42.34 0.61 -0.91	43.01 0.71 -0.62	48.47 1.00 -0.03	53.77 1.26 -0.18	47.26 0.95 -0.87	37.62 0.70 0.00	35.76 0.60 0.00
MILLSEAT__LFGE 323607	26.88 -2.89 0.02	23.55 -2.50 0.02	22.00 -2.37 0.02	22.82 -2.23 0.02	22.65 -2.35 0.02	26.19 -2.97 1.75	35.90 -3.06 0.28	36.29 -3.03 0.05	36.82 -3.05 1.36	36.08 -3.19 2.13	37.01 -3.28 1.74	35.69 -3.25 1.72	35.69 -3.10 0.39	35.67 -3.02 0.00	35.12 -3.27 1.05	34.94 -3.50 1.28	34.93 -3.90 3.11	36.04 -3.63 1.14	38.38 -3.29 0.01	43.63 -2.75 1.06	47.93 -3.04 1.37	42.66 -2.77 0.00	34.96 -1.96 0.00	32.88 -2.29 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.33 1.55 0.00	27.42 1.36 0.00	25.68 1.29 0.00	26.29 1.23 0.00	26.22 1.20 0.00	32.42 1.51 0.00	41.09 1.84 0.00	41.57 2.20 0.00	43.58 2.35 0.00	44.00 2.61 0.00	44.55 2.52 0.00	43.10 2.44 0.00	41.64 2.47 0.00	41.08 2.40 0.00	41.96 2.52 0.00	42.22 2.50 0.00	44.58 2.64 0.00	43.39 2.57 0.00	44.06 2.38 0.00	49.91 2.47 0.00	55.37 3.04 0.00	47.85 2.41 0.00	38.73 1.81 0.00	36.61 1.44 0.00
MILLWOOD_13_KV_LOAD 356217	31.39 1.61 0.00	27.48 1.41 0.00	25.70 1.32 0.00	26.34 1.28 0.00	26.27 1.25 0.00	32.48 1.58 0.00	41.17 1.92 0.00	41.65 2.28 0.00	43.66 2.43 0.00	44.08 2.69 0.00	44.68 2.65 0.00	43.22 2.56 0.00	41.72 2.55 0.00	41.16 2.48 0.00	42.04 2.60 0.00	42.34 2.62 0.00	44.66 2.73 0.00	43.51 2.69 0.00	44.10 2.42 0.00	50.00 2.56 0.00	55.42 3.09 0.00	47.94 2.50 0.00	38.76 1.85 0.00	36.68 1.51 0.00
MODEL_CITY_ENERGY 24167	25.83 -3.93 0.02	22.71 -3.34 0.02	21.17 -3.19 0.02	22.04 -3.01 0.02	21.85 -3.15 0.02	24.84 -4.08 1.98	34.29 -4.55 0.40	34.78 -4.53 0.06	34.74 -4.62 1.88	33.74 -4.72 2.93	34.80 -4.83 2.40	33.65 -4.64 2.37	34.52 -4.43 0.23	34.35 -4.33 0.00	33.38 -4.61 1.45	32.93 -4.97 1.82	32.04 -5.49 4.40	33.97 -5.22 1.62	36.80 -4.88 0.01	41.86 -4.51 1.07	45.93 -5.02 1.38	41.03 -4.41 0.00	33.71 -3.21 0.00	31.72 -3.44 0.00
MODERN_LFGE__ 323580	25.83 -3.93 0.02	22.71 -3.34 0.02	21.17 -3.19 0.02	22.04 -3.01 0.02	21.85 -3.15 0.02	24.84 -4.08 1.98	34.29 -4.55 0.40	34.78 -4.53 0.06	34.74 -4.62 1.88	33.74 -4.72 2.93	34.80 -4.83 2.40	33.65 -4.64 2.37	34.52 -4.43 0.23	34.35 -4.33 0.00	33.38 -4.61 1.45	32.93 -4.97 1.82	32.04 -5.49 4.40	33.97 -5.22 1.62	36.80 -4.88 0.01	41.86 -4.51 1.07	45.93 -5.02 1.38	41.03 -4.41 0.00	33.71 -3.21 0.00	31.72 -3.44 0.00
MOHAWK_PAPER__DRP 24187	30.65 0.86 0.00	26.85 0.78 0.00	25.09 0.71 0.00	25.76 0.70 0.00	25.70 0.68 0.00	31.71 0.80 0.00	40.15 0.90 0.00	40.35 0.98 0.00	42.30 1.07 0.00	42.39 0.99 0.00	43.12 1.09 0.00	41.55 0.89 0.00	40.04 0.86 0.00	39.57 0.89 0.00	40.35 0.91 0.00	40.67 0.95 0.00	42.98 1.05 0.00	41.96 1.14 0.00	42.76 1.08 0.00	48.63 1.19 0.00	53.49 1.15 0.00	46.53 1.09 0.00	37.88 0.96 0.00	36.01 0.84 0.00
MOHICAN__35_KV_115KV_LD 80490	31.36 1.58 0.00	27.48 1.41 0.00	25.70 1.32 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.45 1.55 0.00	41.40 2.16 0.00	41.49 2.13 0.00	43.29 2.06 0.00	43.34 1.95 0.00	44.13 2.10 0.00	42.41 1.75 0.00	40.70 1.53 0.00	40.35 1.66 0.00	41.13 1.70 0.00	41.51 1.79 0.00	44.16 2.22 0.00	43.26 2.45 0.00	44.27 2.58 0.00	50.57 3.13 0.00	55.63 3.30 0.00	48.26 2.82 0.00	39.24 2.33 0.00	37.24 2.07 0.00
MONGAUP__HYD 23641	31.21 1.43 0.00	27.32 1.25 0.00	25.58 1.19 0.00	26.16 1.10 0.00	26.12 1.10 0.00	32.30 1.39 0.00	40.77 1.53 0.00	41.06 1.69 0.00	42.96 1.73 0.00	43.38 1.99 0.00	43.88 1.85 0.00	42.41 1.75 0.00	40.90 1.72 0.00	40.43 1.74 0.00	41.29 1.85 0.00	41.63 1.91 0.00	44.03 2.10 0.00	43.02 2.20 0.00	43.60 1.92 0.00	49.58 2.14 0.00	54.95 2.62 0.00	47.53 2.09 0.00	38.43 1.51 0.00	36.32 1.16 0.00

MONTAUK___DIESEL 23721	31.58 1.79 -0.01	27.55 1.49 0.00	25.66 1.27 0.00	26.37 1.30 0.00	26.41 1.38 -0.01	32.71 1.79 -0.01	41.45 2.20 -0.01	45.17 3.23 -2.57	48.73 3.34 -4.16	48.69 3.48 -3.82	49.39 3.32 -4.04	49.68 3.33 -5.69	49.74 3.53 -7.03	49.96 3.64 -7.64	49.60 3.87 -6.30	48.59 3.77 -5.10	49.89 4.07 -3.88	50.61 4.16 -5.63	55.13 3.92 -9.53	67.89 4.46 -15.99	69.41 5.23 -11.84	59.96 4.36 -10.16	48.29 3.36 -8.01	43.82 3.06 -5.59
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.11 -2.65 0.02	23.73 -2.32 0.02	22.19 -2.17 0.02	22.88 -2.16 0.02	22.75 -2.25 0.02	26.50 -2.26 2.15	36.83 -1.96 0.45	37.08 -2.20 0.08	37.40 -1.81 2.02	36.46 -1.78 3.15	37.48 -1.98 2.58	36.24 -1.87 2.55	37.01 -1.96 0.21	35.98 -2.71 0.00	35.95 -1.93 1.55	35.32 -2.22 2.18	34.11 -2.56 5.26	36.51 -2.37 1.94	38.67 -3.00 0.01	43.93 -2.51 0.99	48.38 -2.67 1.29	43.17 -2.27 0.00	35.33 -1.59 0.00	33.34 -1.83 0.00
MORRIS_RIDGE___SOLAR 323848	27.13 -2.62 0.03	23.77 -2.27 0.03	22.23 -2.12 0.03	22.92 -2.11 0.03	22.89 -2.10 0.03	24.73 -2.23 3.95	36.09 -2.00 1.16	36.63 -2.56 0.18	34.17 -2.15 4.92	31.62 -2.11 7.67	33.31 -2.44 6.28	32.22 -2.24 6.21	36.64 -2.23 0.30	35.82 -2.86 0.00	33.27 -2.41 3.76	31.90 -2.62 5.20	26.42 -2.94 12.58	33.41 -2.78 4.63	38.59 -3.08 0.01	43.88 -2.70 0.86	48.40 -2.83 1.11	42.98 -2.45 0.00	35.07 -1.84 0.00	33.12 -2.04 0.00
MORTIMER_115KV_TB3 55949	28.13 -1.64 0.01	24.62 -1.43 0.01	23.03 -1.34 0.01	23.80 -1.25 0.01	23.71 -1.30 0.01	28.11 -1.76 1.04	37.49 -1.81 -0.05	37.60 -1.77 -0.01	39.71 -1.77 -0.25	40.05 -1.74 -0.40	40.63 -1.72 -0.33	39.27 -1.71 -0.32	37.57 -1.65 -0.04	37.29 -1.39 0.00	37.86 -1.77 -0.19	38.13 -1.87 -0.28	40.46 -2.14 -0.67	38.98 -2.08 -0.25	40.05 -1.63 0.01	45.23 -1.19 1.03	49.75 -1.26 1.33	44.07 -1.36 0.00	35.88 -1.03 0.00	33.93 -1.23 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.51 1.73 0.00	27.61 1.54 0.00	25.80 1.41 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.25 2.00 0.00	41.85 2.48 0.00	43.83 2.60 0.00	44.29 2.90 0.00	44.85 2.82 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.87 2.94 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.07 2.64 0.00	38.87 1.96 0.00	36.71 1.55 0.00
MUNSVILLE_WIND_PWR 323609	31.78 1.97 -0.03	27.87 1.77 -0.03	26.03 1.61 -0.03	26.80 1.71 -0.03	26.80 1.75 -0.03	33.11 2.35 0.14	42.70 3.45 0.00	42.99 3.62 0.00	44.65 3.42 0.00	44.65 3.19 -0.07	45.16 3.11 -0.02	44.49 3.66 -0.17	42.41 3.25 0.02	41.73 2.67 -0.38	42.82 2.80 -0.58	43.19 2.70 -0.77	45.77 3.02 -0.81	44.36 2.90 -0.65	45.07 2.96 -0.43	51.28 3.89 0.05	56.81 4.45 -0.03	49.86 3.82 -0.60	39.69 2.77 0.00	37.66 2.50 0.00
N SALMON___HYD 24042	29.81 0.03 0.00	26.04 -0.03 0.00	24.36 -0.02 0.00	25.11 0.05 0.00	25.12 0.10 0.00	31.21 0.31 0.00	39.83 0.59 0.00	40.08 0.71 0.00	42.01 0.78 0.00	42.09 0.70 0.00	42.74 0.71 0.00	41.39 0.73 0.00	39.84 0.67 0.00	39.30 0.62 0.00	40.19 0.75 0.00	40.43 0.72 0.00	42.73 0.79 0.00	41.43 0.61 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.49 1.15 0.00	46.30 0.86 0.00	37.40 0.48 0.00	35.62 0.46 0.00
N.AKRON__115KV_KNAPP 355671	26.82 -2.95 0.02	23.50 -2.55 0.02	21.96 -2.41 0.02	22.76 -2.28 0.02	22.60 -2.40 0.02	26.06 -3.06 1.78	35.77 -3.18 0.30	36.09 -3.23 0.05	36.70 -3.09 1.44	35.92 -3.23 2.24	36.79 -3.40 1.83	35.55 -3.29 1.81	35.65 -3.17 0.35	35.55 -3.13 0.00	35.02 -3.31 1.10	34.64 -3.53 1.55	34.25 -3.94 3.74	35.72 -3.71 1.38	38.25 -3.42 0.01	43.49 -2.89 1.06	47.83 -3.14 1.37	42.58 -2.86 0.00	34.89 -2.03 0.00	32.81 -2.36 0.00
N.BELMOR_69_KV_BK1 55787	32.00 2.20 -0.01	28.02 1.96 0.00	26.14 1.76 0.00	26.82 1.75 0.00	26.81 1.78 -0.01	33.14 2.23 -0.01	41.93 2.67 -0.01	45.86 3.03 -3.46	49.96 3.13 -5.59	49.88 3.35 -5.13	50.66 3.19 -5.44	51.35 3.05 -7.64	51.69 3.06 -9.45	51.90 2.94 -10.27	51.06 3.16 -8.46	49.75 3.18 -6.85	50.51 3.35 -5.22	51.65 3.27 -7.57	56.28 3.04 -11.56	67.87 3.32 -17.11	67.52 3.98 -11.21	59.90 3.23 -11.23	50.20 2.51 -10.77	44.86 2.18 -7.52
N.E._GEN_SANDY PD 24062	34.50 1.19 -3.52	32.43 1.04 -5.32	32.20 0.98 -6.84	30.70 0.95 -4.68	33.50 0.93 -7.55	35.50 1.14 -3.45	40.50 1.26 0.00	41.94 1.38 -1.20	41.60 1.57 1.20	42.80 1.41 0.00	43.50 1.47 0.00	42.00 1.34 0.00	40.55 1.37 0.00	40.00 1.32 0.00	40.86 1.42 0.00	41.19 1.47 0.00	43.61 1.68 0.00	47.40 1.71 -4.87	48.00 1.62 -4.69	51.79 1.76 -2.59	54.01 1.67 0.00	49.70 1.68 -2.58	40.60 1.37 -2.32	37.63 1.20 -1.27
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.33 1.55 0.00	27.42 1.36 0.00	25.66 1.27 0.00	26.24 1.18 0.00	26.22 1.20 0.00	32.42 1.51 0.00	41.09 1.84 0.00	41.57 2.20 0.00	43.54 2.31 0.00	43.96 2.57 0.00	44.55 2.52 0.00	43.10 2.44 0.00	41.64 2.47 0.00	41.08 2.40 0.00	41.96 2.52 0.00	42.22 2.50 0.00	44.58 2.64 0.00	43.39 2.57 0.00	44.02 2.33 0.00	49.91 2.47 0.00	55.37 3.04 0.00	47.89 2.45 0.00	38.69 1.77 0.00	36.61 1.44 0.00
N.QUEENS_27_KV_LOAD 356247	31.76 1.97 -0.01	27.80 1.72 -0.01	26.00 1.61 -0.01	26.65 1.58 -0.01	26.58 1.55 -0.01	32.86 1.95 -0.01	40.97 1.73 0.00	41.69 2.32 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.85 2.82 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.24 2.80 0.00	42.46 2.74 0.00	44.78 2.85 0.00	43.63 2.82 0.00	44.18 2.50 0.00	50.00 2.56 0.00	55.42 3.09 0.00	47.89 2.45 0.00	38.65 1.74 0.00	36.64 1.48 0.00
N.TROY___115KV_TB1 355778	30.83 1.04 0.00	27.01 0.94 0.00	25.24 0.85 0.00	25.92 0.85 0.00	25.85 0.83 0.00	31.93 1.02 0.00	40.46 1.22 0.00	40.67 1.30 0.00	42.63 1.40 0.00	42.59 1.20 0.00	43.33 1.30 0.00	41.80 1.14 0.00	40.27 1.10 0.00	39.77 1.08 0.00	40.58 1.14 0.00	40.91 1.19 0.00	43.32 1.38 0.00	42.33 1.51 0.00	43.14 1.46 0.00	49.10 1.66 0.00	53.96 1.62 0.00	46.98 1.54 0.00	38.21 1.29 0.00	36.33 1.16 0.00
NARROWS_GT1_1 24228	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.68 1.61 -0.01	26.61 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.04 2.68 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.36 3.17 -0.01	41.71 3.02 -0.01	42.64 3.19 -0.01	42.86 3.14 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.56 2.87 -0.01	50.49 3.04 -0.01	55.90 3.56 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
NARROWS_GT1_2 24229	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.68 1.61 -0.01	26.61 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.04 2.68 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.36 3.17 -0.01	41.71 3.02 -0.01	42.64 3.19 -0.01	42.86 3.14 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.56 2.87 -0.01	50.49 3.04 -0.01	55.90 3.56 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01

NARROWS_GT1_3 24230	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0.01	39.10 <u>2.18</u> -0.01	36.97 <u>1.79</u> -0.01
NARROWS_GT1_4 24231	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0.01	39.10 <u>2.18</u> -0.01	36.97 <u>1.79</u> -0.01
NARROWS_GT1_5 24232	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0.01	39.10 <u>2.18</u> -0.01	36.97 <u>1.79</u> -0.01
NARROWS_GT1_6 24233	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0.01	39.10 <u>2.18</u> -0.01	36.97 <u>1.79</u> -0.01
NARROWS_GT1_7 24234	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0.01	39.10 <u>2.18</u> -0.01	36.97 <u>1.79</u> -0.01
NARROWS_GT1_8 24235	31.82 <u>2.03</u> -0.01	27.85 <u>1.77</u> -0.01	26.05 <u>1.66</u> -0.01	26.68 <u>1.61</u> -0.01	26.61 <u>1.58</u> -0.01	32.89 <u>1.98</u> -0.01	41.44 <u>2.20</u> 0.00	42.04 <u>2.68</u> 0.00	44.21 <u>2.97</u> -0.01	44.71 <u>3.31</u> -0.01	45.27 <u>3.24</u> -0.01	43.80 <u>3.13</u> -0.01	42.36 <u>3.17</u> -0.01	41.71 <u>3.02</u> -0.01	42.64 <u>3.19</u> -0.01	42.86 <u>3.14</u> -0.01	45.21 <u>3.27</u> -0.01	44.05 <u>3.22</u> -0.01	44.56 <u>2.87</u> -0.01	50.49 <u>3.04</u> -0.01	55.90 <u>3.56</u> -0.01	48.40 <u>2.95</u> -0.01		

NCHELSEA_115KV_TR2 355582	31.36 1.58 0.00	27.45 1.38 0.00	25.70 1.32 0.00	26.32 1.25 0.00	26.25 1.23 0.00	32.48 1.58 0.00	41.17 1.92 0.00	41.61 2.24 0.00	43.62 2.39 0.00	43.96 2.57 0.00	44.55 2.52 0.00	43.10 2.44 0.00	41.60 2.43 0.00	41.08 2.40 0.00	41.96 2.52 0.00	42.22 2.50 0.00	44.62 2.68 0.00	43.47 2.65 0.00	44.10 2.42 0.00	50.05 2.61 0.00	55.48 3.14 0.00	47.98 2.54 0.00	38.84 1.92 0.00	36.71 1.55 0.00
NEG CAPITAL___MECHNVIL 23645	31.15 1.37 0.00	27.29 1.23 0.00	25.51 1.12 0.00	26.22 1.15 0.00	26.12 1.10 0.00	32.26 1.36 0.00	41.01 1.77 0.00	41.18 1.81 0.00	43.17 1.94 0.00	43.21 1.82 0.00	43.96 1.93 0.00	42.33 1.67 0.00	40.74 1.57 0.00	40.23 1.55 0.00	41.06 1.62 0.00	41.39 1.67 0.00	43.86 1.93 0.00	42.90 2.08 0.00	43.76 2.08 0.00	49.91 2.47 0.00	54.85 2.51 0.00	47.66 2.23 0.00	38.76 1.85 0.00	36.82 1.65 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.96 -1.82 0.01	24.47 -1.59 0.01	22.87 -1.51 0.01	23.63 -1.43 0.01	23.56 -1.45 0.01	29.39 -1.92 -0.40	37.25 -2.04 -0.05	37.49 -1.89 -0.01	39.41 -2.06 -0.24	39.78 -1.99 -0.37	40.36 -1.97 -0.31	39.01 -1.95 -0.30	37.28 -1.92 -0.03	37.02 -1.66 0.00	37.57 -2.05 -0.18	37.85 -2.11 -0.24	40.12 -2.39 -0.58	38.74 -2.28 -0.21	39.76 -1.92 0.01	44.84 -1.66 0.94	49.34 -1.78 1.21	43.62 -1.82 0.00	35.48 -1.44 0.00	33.62 -1.55 0.00
NEG CENTRAL___DRP 24199	29.17 -0.60 0.01	25.53 -0.52 0.01	23.89 -0.49 0.01	24.57 -0.48 0.01	24.56 -0.45 0.01	30.88 -0.43 -0.41	39.31 -0.08 -0.15	39.07 -0.31 -0.02	41.59 -0.25 -0.61	42.24 -0.21 -1.05	42.47 -0.38 -0.81	41.34 -0.33 -1.01	38.81 -0.39 -0.03	38.68 -0.54 -0.54	40.29 -0.43 -1.28	41.03 -0.44 -1.75	44.12 -0.55 -2.73	41.78 -0.53 -1.50	41.89 -0.46 -0.66	47.21 -0.19 0.04	52.37 -0.05 -0.09	46.14 -0.23 -0.93	36.73 -0.18 0.00	34.88 -0.28 0.00
NEG CENTRAL___INDECK 23768	28.53 -1.22 0.03	24.92 -1.12 0.03	23.33 -1.02 0.03	24.05 -0.98 0.03	24.01 -0.98 0.03	33.64 -0.99 -3.72	40.46 -0.39 -1.61	38.94 -0.67 -0.24	47.26 -0.66 -6.69	50.95 -0.87 -10.43	49.41 -1.18 -8.55	47.93 -1.18 -8.45	38.28 -1.17 -0.28	37.37 -1.32 0.00	43.29 -1.26 -5.11	45.63 -1.35 -7.26	57.95 -1.55 -17.56	46.06 -1.22 -6.47	40.80 -0.88 0.01	46.46 -0.09 0.88	51.30 0.10 1.14	45.30 -0.14 0.00	36.81 -0.11 0.00	34.67 -0.49 0.00
NEG CENTRAL___SENECA 23627	28.92 -0.83 0.02	25.31 -0.73 0.02	23.66 -0.71 0.02	24.36 -0.68 0.02	24.35 -0.65 0.02	30.96 -0.59 -0.64	39.35 -0.12 -0.23	39.01 -0.39 -0.03	41.89 -0.29 -0.95	42.67 -0.25 -1.53	42.75 -0.50 -1.23	41.61 -0.37 -1.32	38.71 -0.51 -0.04	38.23 -0.73 -0.28	40.04 -0.55 -1.16	40.72 -0.60 -1.60	44.30 -0.71 -3.08	41.56 -0.65 -1.39	41.40 -0.63 -0.34	46.67 -0.28 0.49	51.68 -0.10 0.55	45.65 -0.27 -0.49	36.66 -0.26 0.00	34.74 -0.42 0.00
NEG CENTRAL___STATE_STREET 24147	29.55 -0.24 -0.01	25.84 -0.23 -0.01	24.17 -0.22 -0.01	24.84 -0.23 -0.01	24.83 -0.20 -0.01	30.91 -0.15 -0.16	39.34 0.04 -0.06	39.45 0.08 -0.01	41.61 0.12 -0.25	42.04 0.12 -0.53	42.44 0.04 -0.37	41.37 0.08 -0.63	39.15 -0.04 -0.01	39.28 -0.12 -0.72	40.64 -0.08 -1.28	41.45 0.00 -1.73	44.05 -0.08 -2.20	42.24 -0.04 -1.46	42.50 0.04 -0.78	47.86 0.28 -0.14	53.10 0.42 -0.35	46.76 0.23 -1.09	37.06 0.15 0.00	35.24 0.07 0.00
NEG MILLWOOD___DRP 24198	31.45 1.67 0.00	27.55 1.49 0.00	25.78 1.39 0.00	26.42 1.35 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.32 2.08 0.00	41.73 2.36 0.00	43.83 2.60 0.00	44.29 2.90 0.00	44.85 2.82 0.00	43.38 2.72 0.00	41.88 2.70 0.00	41.35 2.67 0.00	42.24 2.80 0.00	42.54 2.82 0.00	44.78 2.85 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.95 2.03 0.00	36.85 1.69 0.00
NEG NORTH_FLCN_SEA 23793	29.93 0.15 0.00	26.15 0.08 0.00	24.46 0.07 0.00	25.19 0.13 0.00	25.20 0.18 0.00	31.15 0.25 0.00	39.68 0.43 0.00	39.92 0.55 0.00	41.89 0.66 0.00	42.01 0.62 0.00	42.66 0.63 0.00	41.31 0.65 0.00	39.76 0.59 0.00	39.26 0.58 0.00	40.07 0.63 0.00	40.35 0.64 0.00	42.56 0.63 0.00	41.35 0.53 0.00	42.35 0.67 0.00	48.06 0.62 0.00	53.07 0.73 0.00	46.07 0.64 0.00	37.32 0.41 0.00	35.55 0.39 0.00
NEG NORTH_KES_CHATEGAY 23792	29.66 -0.12 0.00	25.94 -0.13 0.00	24.27 -0.12 0.00	24.99 -0.08 0.00	25.00 -0.03 0.00	30.87 -0.03 0.00	39.32 0.08 0.00	39.48 0.12 0.00	41.31 0.08 0.00	41.43 0.04 0.00	42.07 0.04 0.00	40.70 0.04 0.00	39.18 0.00 0.00	38.72 0.04 0.00	39.52 0.08 0.00	39.80 0.08 0.00	42.06 0.13 0.00	40.86 0.04 0.00	41.89 0.21 0.00	47.54 0.09 0.00	52.49 0.16 0.00	45.62 0.18 0.00	36.95 0.04 0.00	35.20 0.04 0.00
NEG NORTH___ALICE_FALLS 23915	29.96 0.18 0.00	26.17 0.10 0.00	24.48 0.10 0.00	25.24 0.18 0.00	25.25 0.23 0.00	31.21 0.31 0.00	39.79 0.55 0.00	39.92 0.55 0.00	41.89 0.66 0.00	42.01 0.62 0.00	42.70 0.67 0.00	41.35 0.69 0.00	39.76 0.59 0.00	39.26 0.58 0.00	40.11 0.67 0.00	40.43 0.71 0.00	42.69 0.75 0.00	41.43 0.61 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.33 0.99 0.00	46.26 0.82 0.00	37.40 0.48 0.00	35.66 0.49 0.00
NEG NORTH___LWR_SARANAC 23913	29.96 0.18 0.00	26.17 0.10 0.00	24.48 0.10 0.00	25.24 0.18 0.00	25.25 0.23 0.00	31.21 0.31 0.00	39.79 0.55 0.00	39.92 0.55 0.00	41.89 0.66 0.00	42.01 0.62 0.00	42.70 0.67 0.00	41.35 0.69 0.00	39.76 0.59 0.00	39.26 0.58 0.00	40.11 0.67 0.00	40.43 0.71 0.00	42.69 0.75 0.00	41.43 0.61 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.33 0.99 0.00	46.26 0.82 0.00	37.40 0.48 0.00	35.66 0.49 0.00
NEG NORTH___PLATTSBURG 23628	29.96 0.18 0.00	26.17 0.10 0.00	24.49 0.10 0.00	25.24 0.18 0.00	25.25 0.22 0.00	31.21 0.31 0.00	39.79 0.55 0.00	39.92 0.55 0.00	41.89 0.66 0.00	42.01 0.62 0.00	42.70 0.67 0.00	41.35 0.69 0.00	39.76 0.59 0.00	39.27 0.58 0.00	40.11 0.67 0.00	40.43 0.72 0.00	42.69 0.76 0.00	41.43 0.61 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.38 1.05 0.00	46.26 0.82 0.00	37.40 0.48 0.00	35.66 0.49 0.00
NEG WEST_LEA_LOCKPORT 23791	26.16 -3.60 0.02	22.97 -3.08 0.02	21.44 -2.93 0.02	22.26 -2.78 0.02	22.07 -2.93 0.02	25.22 -3.74 1.95	34.75 -4.12 0.37	35.13 -4.17 0.06	35.38 -4.08 1.77	34.45 -4.18 2.77	35.44 -4.33 2.26	34.27 -4.15 2.24	34.94 -4.00 0.24	34.70 -3.98 0.00	33.98 -4.10 1.36	33.40 -4.41 1.91	32.41 -4.91 4.62	34.42 -4.69 1.70	37.25 -4.42 0.01	42.39 -3.99 1.07	46.56 -4.40 1.38	41.53 -3.91 0.00	34.11 -2.81 0.00	32.11 -3.06 0.00
NEG WEST___LANCASTER 23811	27.11 -2.65 0.02	23.62 -2.42 0.02	22.14 -2.22 0.02	22.48 -2.56 0.02	22.47 -2.53 0.02	26.88 -1.92 2.11	37.34 -1.49 0.42	37.16 -2.13 0.08	38.03 -1.36 1.84	37.12 -1.41 2.87	37.53 -2.14 2.36	36.91 -1.42 2.32	37.32 -1.65 0.21	34.97 -3.71 0.00	36.50 -1.54 1.40	35.70 -2.03 1.99	34.86 -2.26 4.81	37.04 -2.00 1.78	37.46 -4.21 0.01	42.09 -4.36 0.99	46.29 -4.76 1.28	41.80 -3.64 0.00	34.19 -2.73 0.00	32.32 -2.85 0.00

NEG_PENN_ALLEGHNY 23528	29.87 0.09 0.00	26.14 0.08 0.00	24.46 0.07 0.00	25.11 0.05 0.00	25.09 0.08 0.00	30.69 0.22 0.43	39.66 0.51 0.09	39.74 0.39 0.02	41.35 0.53 0.41	41.43 0.62 0.58	42.03 0.51 0.51	40.94 0.65 0.37	39.73 0.59 0.04	39.37 0.35 -0.34	40.15 0.51 -0.20	40.47 0.48 -0.27	42.10 0.46 0.29	41.43 0.41 -0.20	42.37 0.29 -0.40	47.85 0.47 0.07	52.91 0.58 0.00	46.50 0.50 -0.56	37.25 0.33 0.00	35.41 0.25 0.00
NEG__GEN_MONROE 24207	28.07 -1.70 0.01	24.54 -1.51 0.01	22.96 -1.41 0.01	23.72 -1.33 0.01	23.63 -1.38 0.01	27.91 -1.82 1.17	37.36 -1.88 0.00	37.44 -1.93 0.00	39.33 -1.90 0.00	39.45 -1.95 0.00	40.01 -2.02 0.00	38.63 -2.03 0.00	36.95 -2.00 0.23	36.90 -1.78 0.00	37.31 -2.13 0.00	37.45 -2.26 0.00	39.38 -2.56 0.00	38.41 -2.41 0.00	39.71 -1.96 0.01	44.94 -1.47 1.04	49.53 -1.47 1.34	43.89 -1.54 0.00	35.85 -1.07 0.00	33.90 -1.27 0.00
NEPA__ENERGY 23901	27.23 -2.53 0.02	23.88 -2.16 0.02	22.31 -2.05 0.02	22.98 -2.06 0.02	22.87 -2.13 0.02	26.57 -2.19 2.14	36.82 -1.96 0.46	37.04 -2.24 0.08	37.17 -2.02 2.04	36.23 -1.99 3.18	37.08 -2.35 2.60	36.06 -2.03 2.57	36.85 -2.12 0.21	35.82 -2.86 0.00	35.70 -2.17 1.57	35.06 -2.46 2.20	33.90 -2.73 5.31	36.25 -2.61 1.96	38.51 -3.17 0.01	43.66 -2.80 0.98	48.13 -2.93 1.27	42.98 -2.45 0.00	35.07 -1.85 0.00	33.13 -2.04 0.00
NEVERSINK__HYD 23608	31.54 1.76 0.00	27.61 1.54 0.00	25.87 1.49 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.70 1.79 0.00	41.52 2.28 0.00	41.85 2.48 0.00	43.95 2.72 0.00	44.21 2.82 0.00	44.76 2.73 0.00	43.34 2.68 0.00	41.84 2.67 0.00	41.32 2.63 0.00	42.20 2.76 0.00	42.46 2.74 0.00	44.91 2.98 0.00	43.76 2.94 0.00	44.39 2.71 0.00	50.43 2.99 0.00	55.94 3.61 0.00	48.39 2.95 0.00	39.13 2.21 0.00	36.99 1.83 0.00
NEWKRMKL_115KV_TB1 55635	30.44 0.66 0.00	26.67 0.60 0.00	24.95 0.56 0.00	25.59 0.53 0.00	25.50 0.48 0.00	31.46 0.56 0.00	39.79 0.55 0.00	40.04 0.67 0.00	41.97 0.74 0.00	42.10 0.70 0.00	42.83 0.80 0.00	41.27 0.61 0.00	39.76 0.59 0.00	39.26 0.58 0.00	40.03 0.59 0.00	40.35 0.64 0.00	42.65 0.71 0.00	41.59 0.78 0.00	42.39 0.71 0.00	48.11 0.66 0.00	52.96 0.63 0.00	46.03 0.59 0.00	37.58 0.66 0.00	35.73 0.56 0.00
NEWTON__FALLS_HYD 23847	29.49 -0.30 0.00	25.78 -0.29 0.00	24.14 -0.24 0.00	24.89 -0.18 0.00	24.87 -0.15 0.00	30.66 -0.25 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	40.82 -0.41 0.00	40.83 -0.62 -0.06	41.42 -0.63 -0.02	40.07 -0.73 -0.14	38.35 -0.82 0.00	38.12 -0.89 -0.32	39.10 -0.83 -0.49	39.62 -0.75 -0.66	41.87 -0.75 -0.69	40.39 -0.98 -0.55	41.34 -0.79 -0.45	46.96 -0.71 -0.22	51.99 -0.73 -0.39	45.52 -0.55 -0.62	36.51 -0.41 0.00	34.92 -0.25 0.00
NGRID_A1_DSASP 323792	25.99 -3.75 0.04	22.88 -3.15 0.04	21.30 -3.05 0.04	22.14 -2.88 0.04	21.98 -3.00 0.04	24.89 -3.89 2.12	34.43 -4.36 0.46	34.83 -4.45 0.09	34.81 -4.41 2.01	33.86 -4.43 3.10	34.84 -4.62 2.56	33.74 -4.39 2.52	34.68 -4.27 0.23	34.52 -4.14 0.02	33.54 -4.38 1.52	32.90 -4.65 2.17	31.56 -5.16 5.21	33.94 -4.94 1.93	36.98 -4.67 0.03	42.08 -4.22 1.14	46.21 -4.66 1.47	41.24 -4.18 0.02	33.83 -3.06 0.02	31.84 -3.31 0.02
NGRID_A2_DSASP 323793	25.99 -3.75 0.04	22.88 -3.15 0.04	21.30 -3.05 0.04	22.14 -2.88 0.04	21.98 -3.00 0.04	24.89 -3.89 2.12	34.43 -4.36 0.46	34.83 -4.45 0.09	34.81 -4.41 2.01	33.86 -4.43 3.10	34.84 -4.62 2.56	33.74 -4.39 2.52	34.68 -4.27 0.23	34.52 -4.14 0.02	33.54 -4.38 1.52	32.90 -4.65 2.17	31.56 -5.16 5.21	33.94 -4.94 1.93	36.98 -4.67 0.03	42.08 -4.22 1.14	46.21 -4.66 1.47	41.24 -4.18 0.02	33.83 -3.06 0.02	31.84 -3.31 0.02
NGRID_A4_DSASP 323807	25.99 -3.75 0.04	22.88 -3.15 0.04	21.30 -3.05 0.04	22.14 -2.88 0.04	21.98 -3.00 0.04	24.89 -3.89 2.12	34.43 -4.36 0.46	34.83 -4.45 0.09	34.81 -4.41 2.01	33.86 -4.43 3.10	34.84 -4.62 2.56	33.74 -4.39 2.52	34.68 -4.27 0.23	34.52 -4.14 0.02	33.54 -4.38 1.52	32.90 -4.65 2.17	31.56 -5.16 5.21	33.94 -4.94 1.93	36.98 -4.67 0.03	42.08 -4.22 1.14	46.21 -4.66 1.47	41.24 -4.18 0.02	33.83 -3.06 0.02	31.84 -3.31 0.02
NIAGARA_115E_LBMP 323715	25.62 -4.14 0.02	22.56 -3.49 0.02	21.00 -3.37 0.02	21.86 -3.18 0.02	21.70 -3.30 0.02	24.56 -4.33 2.02	33.99 -4.83 0.42	34.53 -4.76 0.07	34.36 -4.91 1.97	33.31 -5.01 3.07	34.39 -5.13 2.51	33.26 -4.92 2.48	34.25 -4.70 0.23	34.12 -4.57 0.00	33.03 -4.89 1.52	32.55 -5.24 1.93	31.48 -5.79 4.66	33.59 -5.51 1.71	36.50 -5.17 0.01	41.53 -4.84 1.07	45.61 -5.34 1.39	40.71 -4.73 0.00	33.45 -3.47 0.00	31.47 -3.69 0.00
NIAGARA_115W_LBMP 323714	25.93 -3.81 0.04	22.82 -3.21 0.04	21.25 -3.10 0.04	22.12 -2.91 0.04	21.95 -3.03 0.04	24.86 -3.93 2.12	34.39 -4.39 0.46	34.94 -4.33 0.09	34.73 -4.49 2.01	33.73 -4.55 3.11	34.80 -4.67 2.56	33.62 -4.51 2.52	34.60 -4.35 0.23	34.49 -4.18 0.02	33.46 -4.46 1.52	32.94 -4.77 2.01	31.85 -5.24 4.84	34.00 -5.02 1.79	36.94 -4.71 0.03	41.98 -4.32 1.14	46.15 -4.71 1.47	41.15 -4.27 0.02	33.76 -3.14 0.02	31.77 -3.38 0.02
NIAGARA_230_LBMP 323716	26.07 -3.69 0.02	22.95 -3.10 0.02	21.37 -3.00 0.02	22.21 -2.83 0.02	22.05 -2.95 0.02	25.00 -3.80 2.10	34.53 -4.28 0.44	35.08 -4.21 0.07	34.87 -4.37 1.99	33.87 -4.43 3.09	34.95 -4.54 2.54	33.81 -4.35 2.50	34.74 -4.23 0.21	34.66 -4.02 0.00	33.60 -4.34 1.50	33.08 -4.65 1.99	32.00 -5.12 4.82	34.14 -4.90 1.77	37.13 -4.54 0.01	42.19 -4.13 1.12	46.33 -4.55 1.45	41.35 -4.09 0.00	33.89 -3.03 0.00	31.93 -3.23 0.00
NIAGARA__115KV_198_GIBSON 55903	25.93 -3.81 0.04	22.82 -3.21 0.04	21.25 -3.10 0.04	22.09 -2.93 0.04	21.93 -3.05 0.04	24.86 -3.93 2.12	34.35 -4.43 0.46	34.79 -4.49 0.09	34.73 -4.49 2.01	33.78 -4.51 3.10	34.76 -4.71 2.56	33.66 -4.47 2.52	34.60 -4.35 0.23	34.45 -4.22 0.02	33.47 -4.46 1.52	32.83 -4.73 2.17	31.48 -5.24 5.21	33.86 -5.02 1.93	36.94 -4.71 0.03	41.98 -4.32 1.14	46.15 -4.71 1.47	41.15 -4.27 0.02	33.76 -3.14 0.02	31.77 -3.38 0.02
NIAGARA____ 23760	26.06 -3.69 0.03	22.94 -3.10 0.03	21.36 -3.00 0.03	22.21 -2.83 0.03	22.04 -2.95 0.03	25.04 -3.80 2.07	34.53 -4.28 0.44	35.08 -4.21 0.07	34.88 -4.37 1.98	33.88 -4.43 3.09	34.96 -4.54 2.53	33.81 -4.35 2.50	34.73 -4.23 0.22	34.66 -4.02 0.00	33.59 -4.34 1.51	33.10 -4.65 1.97	32.05 -5.12 4.77	34.16 -4.90 1.76	37.13 -4.54 0.01	42.20 -4.13 1.11	46.35 -4.55 1.44	41.35 -4.09 0.00	33.89 -3.03 0.00	31.92 -3.23 0.01
NINE_MILE_1 23575	28.89 -0.89 0.00	25.31 -0.76 0.00	23.66 -0.73 0.00	24.34 -0.73 0.00	24.29 -0.73 0.00	29.98 -0.93 0.00	38.11 -1.14 0.00	38.11 -1.26 0.00	39.83 -1.40 0.00	39.22 -1.36 0.81	40.36 -1.39 0.28	37.44 -1.34 1.88	37.88 -1.29 0.00	33.12 -1.28 4.29	31.57 -1.34 6.53	29.69 -1.35 8.68	31.36 -1.47 9.11	32.11 -1.43 7.27	34.83 -1.42 5.43	36.18 -1.47 9.80	36.89 -1.62 13.82	36.47 -1.46 7.51	35.77 -1.14 0.00	34.14 -1.02 0.00

NINE_MILE_2 23744	28.92 -0.86 0.00	25.31 -0.76 0.00	23.66 -0.73 0.00	24.34 -0.73 0.00	24.29 -0.73 0.00	30.01 -0.90 0.00	38.11 -1.14 0.00	38.11 -1.26 0.00	39.83 -1.40 0.00	39.21 -1.36 0.82	40.36 -1.39 0.28	37.41 -1.34 1.91	37.88 -1.29 0.00	33.05 -1.28 4.36	31.47 -1.34 6.63	29.56 -1.35 8.81	31.22 -1.47 9.24	32.00 -1.43 7.38	34.79 -1.37 5.51	36.04 -1.47 9.93	36.70 -1.62 14.01	36.36 -1.46 7.62	35.77 -1.14 0.00	34.14 -1.02 0.00
NM_CAPITAL___DRP 24208	30.50 0.71 0.00	26.72 0.65 0.00	24.97 0.59 0.00	25.64 0.58 0.00	25.57 0.55 0.00	31.52 0.62 0.00	39.87 0.63 0.00	40.07 0.71 0.00	42.06 0.82 0.00	42.14 0.75 0.00	42.87 0.84 0.00	41.31 0.65 0.00	39.80 0.63 0.00	39.34 0.66 0.00	40.11 0.67 0.00	40.43 0.71 0.00	42.73 0.80 0.00	41.71 0.90 0.00	42.47 0.79 0.00	48.25 0.81 0.00	53.07 0.73 0.00	46.17 0.73 0.00	37.62 0.70 0.00	35.80 0.63 0.00
NM_CENTRAL___DRP 24181	29.49 -0.30 0.00	25.81 -0.26 0.00	24.12 -0.27 0.00	24.81 -0.25 0.00	24.77 -0.25 0.00	30.63 -0.28 0.00	39.05 -0.20 0.00	39.01 -0.35 0.00	40.90 -0.33 0.00	41.21 -0.29 -0.11	41.77 -0.29 -0.04	40.68 -0.24 -0.26	38.94 -0.24 0.00	39.01 -0.27 -0.59	40.03 -0.32 -0.90	40.64 -0.28 -1.20	42.77 -0.42 -1.26	41.41 -0.41 -1.01	41.93 -0.50 -0.75	46.94 -0.47 0.02	52.05 -0.42 -0.13	45.99 -0.50 -1.05	36.55 -0.37 0.00	34.81 -0.35 0.00
NM_FRONTIER___DRP 24179	25.93 -3.81 0.04	22.82 -3.21 0.04	21.25 -3.10 0.04	22.09 -2.93 0.04	21.93 -3.05 0.04	24.86 -3.93 2.12	34.35 -4.43 0.46	34.79 -4.49 0.09	34.73 -4.49 2.01	33.78 -4.51 3.10	34.76 -4.71 2.56	33.66 -4.47 2.52	34.60 -4.35 0.23	34.45 -4.22 0.02	33.47 -4.46 1.52	32.83 -4.73 2.17	31.48 -5.24 5.21	33.86 -5.02 1.93	36.94 -4.71 0.03	41.98 -4.32 1.14	46.15 -4.71 1.47	41.15 -4.27 0.02	33.76 -3.14 0.02	31.77 -3.38 0.02
NM_ST_REGIS___HYD 24053	29.57 -0.21 0.00	25.83 -0.23 0.00	24.17 -0.22 0.00	24.89 -0.18 0.00	24.92 -0.10 0.00	31.28 0.37 0.00	39.91 0.67 0.00	40.15 0.79 0.00	42.10 0.87 0.00	42.17 0.75 -0.03	42.75 0.71 -0.07	41.50 0.77 0.00	39.84 0.67 0.00	39.49 0.66 -0.15	40.46 0.79 -0.23	40.82 0.79 -0.31	43.14 0.88 -0.32	41.77 0.69 -0.26	42.64 0.96 0.00	48.39 0.95 0.00	53.59 1.26 0.00	46.44 1.00 0.00	37.51 0.59 0.00	35.73 0.56 0.00
NORTHPORT___1 23551	31.94 2.15 -0.01	27.97 1.90 0.00	26.07 1.68 0.00	26.74 1.68 0.00	26.75 1.73 -0.01	33.08 2.16 -0.01	41.88 2.63 -0.01	44.82 2.91 -0.01	48.39 3.05 -2.54	48.39 3.23 -3.77	48.97 2.94 -4.00	49.08 2.80 -5.62	48.95 2.82 -6.95	48.94 2.71 -7.55	48.66 3.00 -6.22	47.86 3.10 -5.04	48.92 3.15 -3.84	49.44 3.06 -5.57	54.57 2.75 -10.13	68.74 2.99 -18.31	70.28 3.56 -14.39	59.82 2.95 -11.43	47.31 2.47 -7.92	42.91 2.22 -5.53
NORTHPORT___2 23552	31.88 2.08 -0.01	27.92 1.85 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.71 1.68 -0.01	33.02 2.10 -0.01	41.80 2.55 -0.01	44.75 2.84 -0.01	48.27 2.93 -2.55	48.31 3.14 -4.11	48.80 2.77 -4.00	48.92 2.64 -5.62	48.79 2.67 -6.95	48.83 2.59 -7.56	48.54 2.88 -6.23	47.74 2.98 -5.04	48.75 2.98 -3.84	49.24 2.86 -5.57	48.65 2.54 -4.43	48.58 2.80 1.66	48.58 3.30 7.05	48.58 2.77 -0.37	47.20 2.36 -7.92	42.84 2.15 -5.53
NORTHPORT___3 23553	31.85 2.05 -0.01	27.89 1.82 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.71 1.68 -0.01	32.99 2.07 -0.01	41.77 2.51 -0.01	44.71 2.80 -0.01	48.28 2.93 -4.12	48.28 3.11 -3.78	48.81 2.77 -4.01	48.90 2.60 -5.63	48.81 2.67 -6.97	48.81 2.55 -7.57	48.52 2.84 -6.24	47.75 2.98 -5.05	48.76 2.98 -3.85	49.25 2.86 -5.58	50.32 2.50 -6.14	54.48 2.75 -4.28	54.90 3.25 0.68	51.83 2.73 -3.67	47.22 2.36 -7.94	42.82 2.11 -5.54
NORTHPORT___4 23650	31.85 2.05 -0.01	27.89 1.82 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.71 1.68 -0.01	32.99 2.07 -0.01	41.77 2.51 -0.01	44.71 2.80 -0.01	48.28 2.93 -4.12	48.28 3.11 -3.78	48.81 2.77 -4.01	48.90 2.60 -5.63	48.81 2.67 -6.97	48.81 2.55 -7.57	48.52 2.84 -6.24	47.75 2.98 -5.05	48.76 2.98 -3.85	49.25 2.86 -5.58	50.32 2.50 -6.14	54.48 2.75 -4.28	54.90 3.25 0.68	51.83 2.73 -3.67	47.22 2.36 -7.94	42.82 2.11 -5.54
NORTHPORT___IC 23718	31.88 2.08 -0.01	27.92 1.85 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.71 1.68 -0.01	33.02 2.10 -0.01	41.81 2.55 -0.01	44.82 2.91 -0.01	48.27 2.93 -4.11	48.31 3.15 -3.77	48.80 2.77 -4.00	48.92 2.64 -5.62	48.79 2.66 -6.95	48.79 2.55 -7.56	48.54 2.88 -6.23	47.70 2.94 -5.04	48.75 2.98 -3.84	49.24 2.86 -5.57	48.65 2.54 -4.43	48.58 2.80 1.66	48.63 3.35 7.05	48.58 2.77 -0.37	47.20 2.36 -7.92	42.84 2.15 -5.53
NORTH___COUNTRY_ESR 323785	29.61 -0.18 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.94 -0.12 0.00	24.95 -0.07 0.00	30.81 -0.09 0.00	39.21 -0.04 0.00	39.41 0.04 0.00	41.27 0.04 0.00	41.43 0.04 0.00	42.07 0.04 0.00	40.74 0.08 0.00	39.21 0.04 0.00	38.72 0.04 0.00	39.52 0.08 0.00	39.80 0.08 0.00	41.98 0.04 0.00	40.77 -0.04 0.00	41.76 0.08 0.00	47.40 -0.05 0.00	52.39 0.05 0.00	45.48 0.05 0.00	36.84 -0.07 0.00	35.09 -0.07 0.00
NPX_GEN_1385_PROXY 323591	31.88 2.08 -0.01	27.92 1.85 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.71 1.68 -0.01	33.02 2.10 -0.01	41.80 2.55 -0.01	45.94 2.84 -0.01	47.07 2.93 -3.74	48.31 3.14 -2.92	48.80 2.77 -4.00	48.92 2.64 -5.62	48.79 2.67 -6.95	48.83 2.59 -7.56	48.54 2.88 -6.23	47.74 2.98 -5.04	48.75 2.98 -3.84	49.24 2.86 -5.57	48.65 2.54 -4.43	48.58 2.80 1.66	48.58 3.30 7.05	48.58 2.77 -0.37	47.20 2.36 -7.92	42.84 2.15 -5.53
NPX_GEN_CSC 323557	32.24 2.44 -0.01	28.18 2.11 0.00	26.24 1.85 0.00	26.94 1.88 0.00	26.98 1.95 -0.01	33.39 2.47 -0.01	42.32 3.06 -0.01	46.52 3.39 -0.01	47.78 3.59 -3.77	48.94 3.73 -2.96	49.52 3.45 -4.04	49.68 3.33 -5.68	49.58 3.37 -7.03	49.61 3.29 -7.64	49.29 3.55 -6.30	48.43 3.61 -5.10	49.59 3.78 -3.88	50.20 3.75 -5.63	54.72 3.50 -9.53	67.39 3.94 -16.01	68.80 4.61 -11.86	59.56 3.95 -10.17	48.06 3.14 -8.01	43.57 2.81 -5.59
NSINS_S_GLNS_FALLS 23858	31.36 1.58 0.00	27.48 1.41 0.00	25.70 1.32 0.00	26.44 1.38 0.00	26.35 1.33 0.00	32.45 1.55 0.00	41.36 2.12 0.00	41.45 2.09 0.00	43.25 2.02 0.00	43.30 1.90 0.00	44.09 2.06 0.00	42.37 1.71 0.00	40.70 1.53 0.00	40.35 1.66 0.00	41.13 1.70 0.00	41.51 1.79 0.00	44.16 2.22 0.00	43.26 2.45 0.00	44.27 2.58 0.00	50.57 3.13 0.00	55.63 3.30 0.00	48.26 2.82 0.00	39.24 2.33 0.00	37.24 2.07 0.00
NUCOR_STEEL___DRP 24197	29.67 -0.12 -0.01	25.97 -0.10 -0.01	24.27 -0.12 -0.01	24.95 -0.13 -0.01	24.93 -0.10 -0.01	30.84 -0.06 0.00	39.36 0.12 0.00	39.56 0.20 0.00	41.48 0.25 0.00	41.83 0.29 -0.14	42.29 0.21 -0.05	41.24 0.24 -0.34	39.25 0.08 0.00	39.49 0.04 -0.77	40.64 0.04 -1.17	41.35 0.08 -1.55	43.56 0.00 -1.63	42.16 0.04 -1.30	42.62 0.13 -0.81	47.96 0.33 -0.18	53.27 0.52 -0.41	46.90 0.32 -1.14	37.18 0.26 0.00	35.38 0.21 0.00

NUMBER_THREE_WT_PWR 323818	29.90 0.12 0.00	26.17 0.10 0.00	24.51 0.12 0.00	25.37 0.30 0.00	25.32 0.30 0.00	31.31 0.40 0.00	39.99 0.74 0.00	40.15 0.79 0.00	41.64 0.41 0.00	41.63 0.17 -0.08	42.22 0.17 -0.03	41.13 0.29 -0.18	39.29 0.12 0.00	39.01 -0.08 -0.41	40.10 0.04 -0.62	40.66 0.12 -0.82	43.13 0.33 -0.86	41.71 0.21 -0.69	42.45 0.33 -0.43	48.42 0.76 -0.22	53.65 0.94 -0.38	46.90 0.86 -0.60	37.51 0.59 0.00	35.76 0.60 0.00
NYISO_LBMP_REFERENCE 24008	29.78 0.00 0.00	26.07 0.00 0.00	24.39 0.00 0.00	25.06 0.00 0.00	25.02 0.00 0.00	30.91 0.00 0.00	39.24 0.00 0.00	39.37 0.00 0.00	41.23 0.00 0.00	41.39 0.00 0.00	42.03 0.00 0.00	40.66 0.00 0.00	39.18 0.00 0.00	38.68 0.00 0.00	39.44 0.00 0.00	39.72 0.00 0.00	41.93 0.00 0.00	40.82 0.00 0.00	41.68 0.00 0.00	47.44 0.00 0.00	52.34 0.00 0.00	45.44 0.00 0.00	36.92 0.00 0.00	35.16 0.00 0.00
NYPA_BRENTWD____GT 24164	32.24 2.44 -0.01	28.21 2.14 0.00	26.29 1.90 0.00	26.97 1.90 0.00	27.01 1.98 -0.01	33.39 2.47 -0.01	42.32 3.06 -0.01	45.36 3.39 -2.61	49.00 3.55 -4.22	48.99 3.73 -3.87	49.62 3.49 -4.10	49.76 3.33 -5.77	49.64 3.33 -7.13	49.65 3.21 -7.75	49.30 3.47 -6.39	48.47 3.58 -5.17	49.52 3.65 -3.94	50.12 3.59 -5.71	54.65 3.34 -9.63	67.28 3.75 -16.09	68.54 4.34 -11.87	59.35 3.68 -10.24	48.00 2.95 -8.13	43.48 2.64 -5.67
NYPA_GOWANUS____GT5 24156	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.68 1.61 -0.01	26.61 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.04 2.68 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.36 3.17 -0.01	41.71 3.02 -0.01	42.64 3.19 -0.01	42.86 3.14 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.56 2.87 -0.01	50.49 3.04 -0.01	55.90 3.56 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
NYPA_GOWANUS____GT6 24157	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.68 1.61 -0.01	26.61 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.04 2.68 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.36 3.17 -0.01	41.71 3.02 -0.01	42.64 3.19 -0.01	42.86 3.14 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.56 2.87 -0.01	50.49 3.04 -0.01	55.90 3.56 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01
NYPA_HARLEM__RVR__GT1 24160	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.58 -0.01	26.63 1.55 -0.01	26.55 1.53 -0.01	32.83 1.92 -0.01	40.92 1.69 0.01	41.56 2.20 0.01	43.74 2.52 0.01	44.24 2.85 0.01	44.75 2.73 0.01	43.34 2.68 0.01	41.91 2.74 0.01	41.27 2.59 0.01	42.15 2.72 0.01	42.41 2.70 0.01	44.74 2.81 0.01	43.54 2.73 0.01	44.09 2.42 0.01	49.95 2.51 0.01	55.26 2.93 0.01	47.84 2.41 0.01	38.61 1.70 0.01	36.64 1.48 0.00
NYPA_HARLEM__RVR__GT2 24161	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.58 -0.01	26.63 1.55 -0.01	26.55 1.53 -0.01	32.83 1.92 -0.01	40.92 1.69 0.01	41.56 2.20 0.01	43.74 2.52 0.01	44.24 2.85 0.01	44.75 2.73 0.01	43.34 2.68 0.01	41.91 2.74 0.01	41.27 2.59 0.01	42.15 2.72 0.01	42.41 2.70 0.01	44.74 2.81 0.01	43.54 2.73 0.01	44.09 2.42 0.01	49.95 2.51 0.01	55.26 2.93 0.01	47.84 2.41 0.01	38.61 1.70 0.01	36.64 1.48 0.00
NYPA_KENT____GT 24152	31.73 1.93 -0.01	27.80 1.72 -0.01	26.00 1.61 -0.01	26.63 1.55 -0.01	26.56 1.53 -0.01	32.83 1.92 -0.01	41.32 2.08 0.00	41.96 2.60 0.00	44.08 2.84 0.00	44.58 3.19 0.00	45.14 3.11 0.00	43.67 3.01 0.00	42.24 3.06 0.00	41.59 2.90 0.00	42.52 3.08 0.00	42.78 3.06 0.00	45.08 3.15 0.00	43.92 3.10 0.00	44.48 2.79 0.00	50.34 2.89 0.00	55.74 3.40 0.00	48.26 2.82 0.00	38.99 2.07 0.00	36.86 1.69 0.00
NYPA_POUCH1____GT 24155	31.88 2.08 -0.01	27.93 1.85 -0.01	26.13 1.73 -0.01	26.78 1.71 -0.01	26.68 1.65 -0.01	32.98 2.07 -0.01	41.56 2.31 0.00	42.16 2.80 0.00	44.29 3.05 -0.01	44.79 3.39 -0.01	45.32 3.28 -0.01	43.84 3.17 -0.01	42.40 3.21 -0.01	41.79 3.10 -0.01	42.68 3.23 -0.01	42.94 3.22 -0.01	45.30 3.36 -0.01	44.09 3.27 -0.01	44.65 2.96 -0.01	50.58 3.13 -0.01	56.01 3.66 -0.01	48.49 3.04 -0.01	39.21 2.29 -0.01	37.07 1.90 -0.01
NYPA_VERNON____GT2 24162	31.67 1.88 -0.01	27.72 1.64 -0.01	25.96 1.56 -0.01	26.58 1.50 -0.01	26.51 1.48 -0.01	32.74 1.82 -0.01	41.24 2.00 0.00	41.85 2.48 0.00	44.00 2.76 0.00	44.50 3.11 0.00	45.02 2.98 0.00	43.59 2.93 0.00	42.12 2.94 0.00	41.51 2.82 0.00	42.40 2.96 0.00	42.66 2.94 0.00	44.99 3.06 0.00	43.79 2.98 0.00	44.35 2.67 0.00	50.19 2.75 0.00	55.58 3.25 0.00	48.12 2.68 0.00	38.87 1.96 0.00	36.78 1.62 0.00
NYPA_VERNON____GT3 24163	31.67 1.88 -0.01	27.72 1.64 -0.01	25.96 1.56 -0.01	26.58 1.50 -0.01	26.51 1.48 -0.01	32.74 1.82 -0.01	41.24 2.00 0.00	41.85 2.48 0.00	44.00 2.76 0.00	44.50 3.11 0.00	45.02 2.98 0.00	43.59 2.93 0.00	42.12 2.94 0.00	41.51 2.82 0.00	42.40 2.96 0.00	42.66 2.94 0.00	44.99 3.06 0.00	43.79 2.98 0.00	44.35 2.67 0.00	50.19 2.75 0.00	55.58 3.25 0.00	48.12 2.68 0.00	38.87 1.96 0.00	36.78 1.62 0.00
NYPA__ASTORIA_CC1 323568	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.55 1.48 -0.01	26.48 1.45 -0.01	32.74 1.82 -0.01	41.17 1.92 0.00	41.77 2.40 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.93 2.90 0.00	43.51 2.85 0.00	42.07 2.90 0.00	41.43 2.75 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.91 2.98 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.10 2.66 0.00	55.48 3.14 0.00	48.03 2.59 0.00	38.80 1.88 0.00	36.71 1.55 0.00
NYPA__ASTORIA_CC2 323569	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.55 1.48 -0.01	26.48 1.45 -0.01	32.74 1.82 -0.01	41.17 1.92 0.00	41.77 2.40 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.93 2.90 0.00	43.51 2.85 0.00	42.07 2.90 0.00	41.43 2.75 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.91 2.98 0.00	43.71 2.90 0.00	44.27 2.59 0.00	50.10 2.66 0.00	55.48 3.14 0.00	48.03 2.59 0.00	38.80 1.88 0.00	36.71 1.55 0.00
NYPA__HOLTSVILL 23794	32.14 2.35 -0.01	28.10 2.03 0.00	26.19 1.80 0.00	26.89 1.83 0.00	26.91 1.88 -0.01	33.29 2.38 -0.01	42.16 2.90 -0.01	45.09 3.15 -2.57	48.72 3.34 -4.15	48.68 3.48 -3.81	49.31 3.24 -4.04	49.43 3.09 -5.68	49.29 3.09 -7.03	49.34 3.02 -7.63	49.00 3.27 -6.29	48.15 3.34 -5.09	49.29 3.48 -3.88	49.87 3.43 -5.63	54.41 3.17 -9.56	67.08 3.51 -16.12	68.41 4.08 -11.99	59.17 3.50 -10.24	47.72 2.80 -8.00	43.32 2.57 -5.59
NYPA__HELLGATE_GT1 24158	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.58 -0.01	26.63 1.55 -0.01	26.55 1.53 -0.01	32.83 1.92 -0.01	40.92 1.69 0.01	41.56 2.20 0.01	43.74 2.52 0.01	44.24 2.85 0.01	44.75 2.73 0.01	43.34 2.68 0.01	41.91 2.74 0.01	41.27 2.59 0.01	42.15 2.72 0.01	42.41 2.70 0.01	44.74 2.81 0.01	43.54 2.73 0.01	44.09 2.42 0.01	49.95 2.51 0.01	55.26 2.93 0.01	47.84 2.41 0.01	38.61 1.70 0.01	36.64 1.48 0.00

NYPA_____HELLGATE_GT2 24159	31.70 1.91 -0.01	27.77 1.69 -0.01	25.98 1.58 -0.01	26.63 1.55 -0.01	26.55 1.53 -0.01	32.83 1.92 -0.01	40.92 1.69 0.01	41.56 2.20 0.01	43.74 2.52 0.01	44.24 2.85 0.01	44.75 2.73 0.01	43.34 2.68 0.01	41.91 2.74 0.01	41.27 2.59 0.01	42.15 2.72 0.01	42.41 2.70 0.01	44.74 2.81 0.01	43.54 2.73 0.01	44.09 2.42 0.01	49.95 2.51 0.01	55.26 2.93 0.01	47.84 2.41 0.01	38.61 1.70 0.01	36.64 1.48 0.00
NYS_BARGE___HYD 23848	26.13 -3.63 0.02	22.97 -3.08 0.02	21.42 -2.95 0.02	22.29 -2.76 0.02	22.10 -2.90 0.02	25.30 -3.71 1.90	34.85 -4.04 0.35	35.25 -4.05 0.06	35.45 -4.08 1.70	34.56 -4.18 2.65	35.58 -4.29 2.17	34.37 -4.15 2.14	34.94 -4.00 0.24	34.78 -3.91 0.00	33.99 -4.14 1.31	33.71 -4.41 1.60	33.12 -4.95 3.87	34.70 -4.69 1.42	37.25 -4.42 0.01	42.39 -3.99 1.06	46.57 -4.40 1.37	41.53 -3.91 0.00	34.11 -2.81 0.00	32.11 -3.06 0.00
OAK ORCHARD___HYD 24046	28.16 -1.61 0.01	24.65 -1.41 0.01	23.01 -1.37 0.01	23.80 -1.25 0.01	23.71 -1.30 0.01	28.11 -1.76 1.04	37.49 -1.80 -0.05	37.80 -1.58 -0.01	39.71 -1.77 -0.25	40.05 -1.74 -0.40	40.63 -1.73 -0.33	39.23 -1.75 -0.32	37.57 -1.64 -0.04	37.33 -1.36 0.00	37.82 -1.81 -0.19	38.04 -1.91 -0.23	40.31 -2.18 -0.56	38.94 -2.08 -0.21	40.09 -1.58 0.01	45.23 -1.18 1.03	49.75 -1.26 1.33	44.08 -1.36 0.00	35.88 -1.03 0.00	33.93 -1.23 0.00
OAKDALE___35_KV_LOAD 356122	29.84 0.06 0.01	26.11 0.05 0.01	24.43 0.05 0.01	25.08 0.03 0.01	25.04 0.03 0.01	30.57 0.15 0.49	39.53 0.39 0.11	39.70 0.35 0.02	41.17 0.41 0.48	41.21 0.50 0.68	41.82 0.38 0.59	40.73 0.53 0.46	39.60 0.47 0.04	39.25 0.23 -0.33	39.97 0.39 -0.14	40.23 0.36 -0.16	41.73 0.34 0.54	41.25 0.33 -0.10	42.30 0.21 -0.41	47.73 0.38 0.09	52.83 0.52 0.02	46.37 0.36 -0.57	37.18 0.26 0.00	35.34 0.18 0.00
OCC_CHEM___DRP 24175	25.99 -3.75 0.04	22.88 -3.15 0.04	21.30 -3.05 0.04	22.14 -2.88 0.04	21.98 -3.00 0.04	24.89 -3.89 2.12	34.43 -4.36 0.46	34.83 -4.45 0.09	34.81 -4.41 2.01	33.86 -4.43 3.10	34.84 -4.62 2.56	33.74 -4.39 2.52	34.68 -4.27 0.23	34.52 -4.14 0.02	33.54 -4.38 1.52	32.90 -4.65 2.17	31.56 -5.16 5.21	33.94 -4.94 1.93	36.98 -4.67 0.03	42.08 -4.22 1.14	46.21 -4.66 1.47	41.24 -4.18 0.02	33.83 -3.06 0.02	31.84 -3.31 0.02
OH_GEN_PROXY 24063	26.16 -3.60 0.02	23.00 -3.05 0.02	21.17 -2.95 0.27	22.29 -2.76 0.02	22.13 -2.88 0.02	25.13 -3.71 2.07	34.70 -4.12 0.42	36.44 -4.05 -1.13	33.90 -4.21 3.12	34.13 -4.26 3.00	35.15 -4.41 2.47	34.00 -4.23 2.43	34.90 -4.08 0.20	34.78 -3.91 0.00	33.80 -4.18 1.46	33.32 -4.49 1.91	32.36 -4.95 4.62	34.38 -4.73 1.70	37.30 -4.38 0.01	42.53 -3.94 0.98	46.73 -4.34 1.26	41.53 -3.91 0.00	34.00 -2.92 0.00	32.00 -3.16 0.00
OLIN_CORP_DRP 24177	25.68 -4.08 0.02	22.61 -3.44 0.02	21.08 -3.29 0.02	21.91 -3.13 0.02	21.72 -3.28 0.02	24.60 -4.27 2.04	34.01 -4.79 0.44	34.46 -4.84 0.07	34.35 -4.82 2.05	33.26 -4.93 3.21	34.32 -5.09 2.62	33.23 -4.84 2.60	34.33 -4.62 0.23	34.16 -4.53 0.00	33.08 -4.77 1.59	32.39 -5.12 2.21	30.92 -5.66 5.35	33.42 -5.43 1.97	36.59 -5.09 0.01	41.63 -4.74 1.07	45.72 -5.23 1.39	40.80 -4.63 0.00	33.52 -3.40 0.00	31.54 -3.62 0.00
OLIN_CORP_DSASP 323712	25.99 -3.75 0.04	22.88 -3.15 0.04	21.30 -3.05 0.04	22.14 -2.88 0.04	21.98 -3.00 0.04	24.89 -3.89 2.12	34.43 -4.36 0.46	34.83 -4.45 0.09	34.81 -4.41 2.01	33.86 -4.43 3.10	34.84 -4.62 2.56	33.74 -4.39 2.52	34.68 -4.27 0.23	34.52 -4.14 0.02	33.54 -4.38 1.52	32.90 -4.65 2.17	31.56 -5.16 5.21	33.94 -4.94 1.93	36.98 -4.67 0.03	42.08 -4.22 1.14	46.21 -4.66 1.47	41.24 -4.18 0.02	33.83 -3.06 0.02	31.84 -3.31 0.02
ONEIDA_HERK_LFGE 323681	30.23 0.45 0.00	26.46 0.39 0.00	24.78 0.39 0.00	25.56 0.50 0.00	25.52 0.50 0.00	31.56 0.65 0.00	40.26 1.02 0.00	40.51 1.14 0.00	42.14 0.91 0.00	42.19 0.75 -0.06	42.81 0.76 -0.02	41.73 0.94 -0.13	39.96 0.78 0.00	39.56 0.58 -0.30	40.56 0.67 -0.46	41.04 0.72 -0.61	43.45 0.88 -0.64	42.10 0.77 -0.51	42.82 0.83 -0.30	48.83 1.23 -0.15	54.06 1.46 -0.26	47.18 1.32 -0.42	37.84 0.92 0.00	36.04 0.88 0.00
ONEIDA___115KV_TB4 55905	30.35 0.57 0.00	26.56 0.50 0.00	24.85 0.46 0.00	25.56 0.50 0.00	25.55 0.53 0.00	31.59 0.68 0.00	40.30 1.06 0.00	40.43 1.06 0.00	42.18 0.95 0.00	42.32 0.87 -0.06	42.93 0.88 -0.02	41.86 1.06 -0.15	40.12 0.94 0.00	39.75 0.73 -0.33	40.77 0.83 -0.51	41.23 0.83 -0.67	43.65 1.01 -0.71	42.32 0.94 -0.56	43.06 0.96 -0.42	48.72 1.28 0.00	53.95 1.52 -0.09	47.30 1.27 -0.59	37.88 0.96 0.00	36.04 0.88 0.00
ONONDAGA_REF_OCCRA 23987	29.61 -0.18 -0.01	25.92 -0.16 -0.01	24.22 -0.17 -0.01	24.89 -0.18 -0.01	24.88 -0.15 -0.01	30.75 -0.15 0.00	39.21 -0.04 0.00	39.17 -0.20 0.00	41.07 -0.16 0.00	41.39 -0.12 -0.12	41.90 -0.17 -0.04	40.82 -0.12 -0.28	39.02 -0.16 0.00	39.13 -0.19 -0.64	40.21 -0.20 -0.97	40.85 -0.16 -1.29	43.04 -0.25 -1.35	41.65 -0.24 -1.08	42.19 -0.29 -0.81	47.36 -0.19 -0.11	52.50 -0.16 -0.32	46.34 -0.23 -1.13	36.73 -0.18 0.00	34.99 -0.18 0.00
ONONDAGA___COGEN 23986	29.57 -0.21 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.89 -0.18 0.00	24.87 -0.15 0.00	30.75 -0.15 0.00	39.21 -0.04 0.00	39.13 -0.24 0.00	41.02 -0.21 0.00	41.39 -0.17 -0.17	41.92 -0.17 -0.06	40.93 -0.12 -0.39	39.02 -0.16 0.00	39.38 -0.19 -0.89	40.59 -0.20 -1.35	41.36 -0.16 -1.80	43.53 -0.29 -1.89	42.04 -0.29 -1.51	42.52 -0.29 -1.13	47.78 -0.24 -0.57	53.16 -0.16 -0.98	46.75 -0.27 -1.58	36.73 -0.18 0.00	35.02 -0.14 0.00
ONTARIO___LFGE 23819	28.93 -0.83 0.02	25.29 -0.76 0.02	23.65 -0.71 0.02	24.36 -0.68 0.02	24.35 -0.65 0.02	30.96 -0.59 -0.64	39.35 -0.12 -0.23	38.93 -0.47 -0.03	41.89 -0.29 -0.95	42.63 -0.29 -1.53	42.76 -0.50 -1.23	41.57 -0.41 -1.32	38.75 -0.47 -0.04	38.27 -0.70 -0.28	40.04 -0.55 -1.16	40.76 -0.56 -1.60	44.31 -0.71 -3.09	41.56 -0.65 -1.40	41.40 -0.58 -0.30	46.65 -0.28 0.51	51.59 -0.16 0.59	45.60 -0.27 -0.43	36.66 -0.26 0.00	34.74 -0.42 0.00
ORANGEVILLE_WT_PWR 323706	26.75 -3.01 0.03	23.46 -2.58 0.03	21.92 -2.44 0.03	22.65 -2.38 0.03	22.57 -2.43 0.03	24.96 -2.69 3.26	35.73 -2.63 0.88	36.15 -3.07 0.14	34.71 -2.72 3.80	32.78 -2.69 5.92	34.20 -2.98 4.85	33.10 -2.77 4.79	36.20 -2.70 0.27	35.51 -3.17 0.00	33.65 -2.88 2.91	32.62 -3.14 3.96	28.82 -3.52 9.59	33.94 -3.35 3.53	38.09 -3.58 0.01	43.33 -3.18 0.94	47.72 -3.40 1.21	42.53 -2.91 0.00	34.74 -2.18 0.00	32.77 -2.39 0.00
ORANGEVILLE___ESR 323794	26.75 -3.01 0.03	23.46 -2.58 0.03	21.92 -2.44 0.03	22.65 -2.38 0.03	22.57 -2.43 0.03	24.96 -2.69 3.26	35.73 -2.63 0.88	36.15 -3.07 0.14	34.71 -2.72 3.80	32.78 -2.69 5.92	34.20 -2.98 4.85	33.10 -2.77 4.79	36.20 -2.70 0.27	35.51 -3.17 0.00	33.65 -2.88 2.91	32.62 -3.14 3.96	28.82 -3.52 9.59	33.94 -3.35 3.53	38.09 -3.58 0.01	43.33 -3.18 0.94	47.72 -3.40 1.21	42.53 -2.91 0.00	34.74 -2.18 0.00	32.77 -2.39 0.00

OSWEGATCHIE___HYD 24044	29.49 -0.30 0.00	25.78 -0.29 0.00	24.14 -0.24 0.00	24.89 -0.17 0.00	24.87 -0.15 0.00	30.66 -0.25 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	40.82 -0.41 0.00	40.83 -0.62 -0.06	41.42 -0.63 -0.02	40.07 -0.73 -0.14	38.35 -0.82 0.00	38.12 -0.89 -0.32	39.10 -0.83 -0.49	39.62 -0.76 -0.66	41.87 -0.75 -0.69	40.39 -0.98 -0.55	41.26 -0.79 -0.37	46.92 -0.71 -0.19	52.03 -0.63 -0.32	45.41 -0.54 -0.51	36.51 -0.41 0.00	34.92 -0.24 0.00
OSWEGO___5 23606	29.10 -0.68 0.00	25.47 -0.60 0.00	23.80 -0.59 0.00	24.49 -0.58 0.00	24.45 -0.57 0.00	30.20 -0.71 0.00	38.38 -0.86 0.00	38.38 -0.98 0.00	40.16 -1.07 0.00	40.96 -1.03 -0.60	41.15 -1.09 -0.21	41.05 -1.01 -1.41	38.16 -1.02 0.00	40.93 -0.97 -3.21	43.29 -1.03 -4.88	45.17 -1.03 -6.49	47.61 -1.13 -6.81	45.15 -1.10 -5.44	44.63 -1.08 -4.04	51.15 -1.14 -4.85	58.27 -1.20 -7.14	49.91 -1.13 -5.61	36.03 -0.89 0.00	34.39 -0.77 0.00
OSWEGO___6 23613	29.10 -0.68 0.00	25.47 -0.60 0.00	23.80 -0.59 0.00	24.49 -0.58 0.00	24.45 -0.57 0.00	30.20 -0.71 0.00	38.38 -0.86 0.00	38.38 -0.98 0.00	40.16 -1.07 0.00	40.96 -1.03 -0.60	41.15 -1.09 -0.21	41.05 -1.01 -1.41	38.16 -1.02 0.00	40.93 -0.97 -3.21	43.29 -1.03 -4.88	45.17 -1.03 -6.49	47.61 -1.13 -6.81	45.15 -1.10 -5.44	44.63 -1.08 -4.04	51.15 -1.14 -4.85	58.27 -1.20 -7.14	49.91 -1.13 -5.61	36.03 -0.89 0.00	34.39 -0.77 0.00
OUTOKUMPU-AB___DRP 24206	26.67 -3.10 0.02	23.42 -2.63 0.02	21.85 -2.51 0.02	22.66 -2.38 0.02	22.45 -2.55 0.02	25.80 -3.06 2.05	35.66 -3.18 0.40	35.99 -3.31 0.07	36.40 -2.97 1.86	35.47 -3.02 2.90	36.50 -3.15 2.38	35.26 -3.05 2.35	35.97 -2.98 0.23	35.43 -3.25 0.00	34.93 -3.08 1.43	34.34 -3.38 2.01	33.22 -3.86 4.85	35.35 -3.67 1.79	37.92 -3.75 0.01	43.12 -3.27 1.05	47.37 -3.61 1.35	42.26 -3.18 0.00	34.78 -2.14 0.00	32.70 -2.46 0.00
OXBOW___BTM 323836	26.05 -3.69 0.04	22.93 -3.10 0.04	21.35 -3.00 0.04	22.22 -2.81 0.04	22.03 -2.95 0.04	24.98 -3.80 2.12	34.54 -4.24 0.46	35.10 -4.17 0.09	34.94 -4.29 2.01	33.94 -4.35 3.11	35.05 -4.41 2.56	33.82 -4.31 2.52	34.79 -4.15 0.23	34.68 -3.98 0.02	33.66 -4.26 1.52	33.14 -4.57 2.01	32.02 -5.08 4.84	34.21 -4.82 1.79	37.15 -4.54 0.03	42.22 -4.08 1.14	46.36 -4.50 1.47	41.37 -4.04 0.02	33.94 -2.95 0.02	31.95 -3.20 0.02
OXBOW___ 24026	26.05 -3.69 0.04	22.93 -3.10 0.04	21.37 -2.98 0.04	22.19 -2.83 0.04	22.03 -2.95 0.04	24.98 -3.80 2.12	34.51 -4.28 0.46	34.94 -4.33 0.09	34.94 -4.29 2.01	33.99 -4.30 3.10	35.01 -4.46 2.56	33.87 -4.27 2.52	34.80 -4.15 0.23	34.64 -4.02 0.02	33.66 -4.26 1.52	33.02 -4.53 2.17	31.69 -5.03 5.21	34.07 -4.82 1.93	37.11 -4.54 0.03	42.22 -4.08 1.14	46.36 -4.50 1.47	41.37 -4.04 0.02	33.94 -2.95 0.02	31.94 -3.20 0.02
OXY_CHEM_DSASP 323612	25.99 -3.75 0.04	22.88 -3.15 0.04	21.30 -3.05 0.04	22.14 -2.88 0.04	21.98 -3.00 0.04	24.89 -3.89 2.12	34.43 -4.36 0.46	34.83 -4.45 0.09	34.81 -4.41 2.01	33.86 -4.43 3.10	34.84 -4.62 2.56	33.74 -4.39 2.52	34.68 -4.27 0.23	34.52 -4.14 0.02	33.54 -4.38 1.52	32.90 -4.65 2.17	31.56 -5.16 5.21	33.94 -4.94 1.93	36.98 -4.67 0.03	42.08 -4.22 1.14	46.21 -4.66 1.47	41.24 -4.18 0.02	33.83 -3.06 0.02	31.84 -3.31 0.02
OZONE_PARK_ESR 323760	31.69 1.91 0.00	27.76 1.69 0.00	25.97 1.59 0.00	26.59 1.53 0.00	26.52 1.50 0.00	32.79 1.89 0.00	41.52 2.28 0.00	42.16 2.80 0.00	44.16 2.93 0.00	44.66 3.27 0.00	45.22 3.19 0.00	43.75 3.09 0.00	42.27 3.09 0.00	41.66 2.98 0.00	42.59 3.16 0.00	42.82 3.10 0.00	45.20 3.27 0.00	44.00 3.18 0.00	44.60 2.92 0.00	50.57 3.13 0.00	56.16 3.82 0.00	48.48 3.04 0.00	39.13 2.22 0.00	36.92 1.76 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.99 -3.75 0.04	22.88 -3.15 0.04	21.30 -3.05 0.04	22.14 -2.88 0.04	21.98 -3.00 0.04	24.89 -3.89 2.12	34.43 -4.36 0.46	34.83 -4.45 0.09	34.81 -4.41 2.01	33.86 -4.43 3.10	34.84 -4.62 2.56	33.74 -4.39 2.52	34.68 -4.27 0.23	34.52 -4.14 0.02	33.54 -4.38 1.52	32.90 -4.65 2.17	31.56 -5.16 5.21	33.94 -4.94 1.93	36.98 -4.67 0.03	42.08 -4.22 1.14	46.21 -4.66 1.47	41.24 -4.18 0.02	33.83 -3.06 0.02	31.84 -3.31 0.02
PACKARD___115KV_DUPONT_184 80571	25.99 -3.75 0.04	22.87 -3.16 0.04	21.30 -3.05 0.04	22.14 -2.88 0.04	21.98 -3.00 0.04	24.92 -3.86 2.12	34.47 -4.32 0.46	34.98 -4.29 0.09	34.81 -4.41 2.01	33.81 -4.47 3.11	34.89 -4.58 2.56	33.70 -4.43 2.52	34.68 -4.27 0.23	34.56 -4.10 0.02	33.54 -4.38 1.52	33.02 -4.69 2.01	31.89 -5.20 4.84	34.08 -4.94 1.79	37.02 -4.63 0.03	42.08 -4.22 1.14	46.21 -4.66 1.47	41.24 -4.18 0.02	33.83 -3.06 0.02	31.84 -3.31 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.73 1.94 -0.01	27.80 1.72 -0.01	26.00 1.61 -0.01	26.65 1.58 -0.01	26.55 1.53 -0.01	32.83 1.92 -0.01	41.01 1.77 0.00	41.69 2.32 0.00	43.75 2.52 0.00	44.25 2.86 0.00	44.80 2.77 0.00	43.34 2.68 0.00	41.92 2.74 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.38 2.66 0.00	44.74 2.81 0.00	43.55 2.73 0.00	44.10 2.42 0.00	49.96 2.51 0.00	55.37 3.04 0.00	47.85 2.41 0.00	38.69 1.77 0.00	36.71 1.55 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.17 2.38 -0.01	28.21 2.14 -0.01	26.39 2.00 -0.01	27.03 1.95 -0.01	26.96 1.93 -0.01	33.32 2.41 -0.01	41.64 2.39 0.00	42.32 2.95 0.00	44.41 3.17 0.00	44.91 3.52 0.00	45.43 3.40 0.00	43.95 3.29 0.00	42.47 3.29 0.00	41.86 3.17 0.00	42.75 3.31 0.00	42.98 3.26 0.00	45.37 3.44 0.00	44.16 3.35 0.00	44.72 3.04 0.00	50.67 3.23 0.00	56.16 3.82 0.00	48.57 3.14 0.00	39.24 2.33 0.00	37.24 2.07 0.00
PATROON___115KV_TB1 80586	30.50 0.71 0.00	26.72 0.65 0.00	25.00 0.61 0.00	25.66 0.60 0.00	25.57 0.55 0.00	31.52 0.62 0.00	39.91 0.67 0.00	40.11 0.75 0.00	42.10 0.87 0.00	42.22 0.83 0.00	42.95 0.92 0.00	41.39 0.73 0.00	39.88 0.71 0.00	39.38 0.70 0.00	40.15 0.71 0.00	40.47 0.75 0.00	42.77 0.84 0.00	41.71 0.90 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.12 0.79 0.00	46.17 0.73 0.00	37.66 0.74 0.00	35.80 0.63 0.00
PATTRSNVILLE___SOLAR 323815	30.85 1.07 0.00	27.01 0.94 0.00	25.26 0.88 0.00	25.96 0.90 0.00	25.90 0.88 0.00	32.02 1.11 0.00	40.70 1.45 0.00	40.82 1.46 0.00	42.63 1.40 0.00	42.59 1.20 0.00	43.16 1.14 0.00	41.72 1.06 0.00	40.19 1.02 0.00	39.65 0.97 0.00	40.46 1.02 0.00	40.83 1.11 0.00	43.32 1.38 0.00	42.37 1.55 0.00	43.26 1.58 0.00	49.39 1.95 0.00	54.37 2.04 0.00	47.21 1.77 0.00	38.36 1.44 0.00	36.47 1.30 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.96 -2.80 0.02	23.54 -2.50 0.02	22.02 -2.34 0.02	22.53 -2.51 0.02	22.47 -2.53 0.02	26.49 -2.29 2.13	36.82 -2.04 0.39	36.81 -2.48 0.08	37.67 -1.86 1.70	36.85 -1.90 2.64	37.41 -2.44 2.18	36.61 -1.91 2.14	36.89 -2.08 0.21	35.13 -3.56 0.00	36.15 -2.01 1.28	35.41 -2.46 1.84	34.72 -2.77 4.44	36.64 -2.53 1.64	37.63 -4.04 0.01	42.44 -3.99 1.01	46.63 -4.40 1.31	41.98 -3.45 0.00	34.37 -2.55 0.00	32.46 -2.71 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.45 1.67 0.00	27.55 1.49 0.00	25.78 1.39 0.00	26.42 1.35 0.00	26.35 1.33 0.00	32.57 1.67 0.00	41.32 2.08 0.00	41.73 2.36 0.00	43.83 2.60 0.00	44.29 2.90 0.00	44.85 2.82 0.00	43.38 2.72 0.00	41.88 2.70 0.00	41.35 2.67 0.00	42.24 2.80 0.00	42.54 2.82 0.00	44.78 2.85 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.12 2.68 0.00	38.95 2.03 0.00	36.85 1.69 0.00
PEEKSKILL____ 23653	31.33 1.55 0.00	27.42 1.35 0.00	25.65 1.27 0.00	26.29 1.23 0.00	26.22 1.20 0.00	32.39 1.48 0.00	41.05 1.81 0.00	41.49 2.12 0.00	43.54 2.31 0.00	43.96 2.57 0.00	44.51 2.48 0.00	43.10 2.44 0.00	41.61 2.43 0.00	41.04 2.36 0.00	41.92 2.49 0.00	42.22 2.50 0.00	44.53 2.60 0.00	43.39 2.57 0.00	44.01 2.33 0.00	49.86 2.42 0.00	55.21 2.88 0.00	47.84 2.41 0.00	38.69 1.77 0.00	36.57 1.41 0.00
PGE MADISON__WINDPWR 24146	31.78 1.97 -0.03	27.87 1.77 -0.03	26.03 1.61 -0.03	26.80 1.70 -0.03	26.80 1.75 -0.03	33.08 2.32 0.14	42.70 3.45 0.00	43.07 3.70 0.00	44.65 3.42 0.00	44.65 3.19 -0.07	45.16 3.11 -0.02	44.49 3.66 -0.17	42.41 3.25 0.02	41.70 2.63 -0.38	42.82 2.80 -0.58	43.15 2.66 -0.77	45.76 3.02 -0.81	44.36 2.90 -0.65	45.10 2.96 -0.46	51.30 3.89 0.03	56.84 4.45 -0.06	49.90 3.82 -0.65	39.69 2.77 0.00	37.66 2.50 0.00
PIERCEFIELD__HYD 23852	29.46 -0.33 0.00	25.73 -0.34 0.00	24.09 -0.29 0.00	24.81 -0.25 0.00	24.82 -0.20 0.00	30.54 -0.37 0.00	38.93 -0.31 0.00	39.13 -0.24 0.00	40.78 -0.45 0.00	40.76 -0.66 -0.03	41.41 -0.63 -0.01	39.76 -0.98 -0.08	38.16 -1.02 0.00	37.85 -1.01 -0.17	38.80 -0.91 -0.27	39.16 -0.91 -0.35	41.21 -1.09 -0.37	39.68 -1.43 -0.30	40.79 -1.17 -0.27	46.21 -1.38 -0.14	51.11 -1.47 -0.24	44.69 -1.14 -0.38	36.07 -0.85 0.00	34.60 -0.56 0.00
PINELAWN_CC_1 323563	32.06 2.26 -0.01	28.05 1.98 0.00	26.17 1.78 0.00	26.84 1.78 0.00	26.86 1.83 -0.01	33.20 2.29 -0.01	42.04 2.79 -0.01	45.28 2.79 -2.80	49.01 3.11 -4.53	49.02 3.48 -4.15	49.67 3.24 -4.40	49.94 3.09 -6.19	49.92 3.09 -7.65	49.98 2.98 -8.32	49.53 3.23 -6.85	48.56 3.29 -5.55	49.56 3.40 -4.23	50.29 3.35 -6.13	54.34 3.13 -9.54	65.38 3.46 -14.48	66.11 4.03 -9.74	58.24 3.36 -9.44	48.33 2.69 -8.72	43.61 2.36 -6.09
PJM_GEN_HTP_PROXY 323702	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.24 2.00 0.00	43.01 2.44 -1.20	42.63 2.60 1.20	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.35 2.67 0.00	42.32 2.88 0.00	42.58 2.86 0.00	44.87 2.93 0.00	43.67 2.86 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.07 2.63 0.00	38.84 1.92 0.00	36.68 1.51 0.00
PJM_GEN_KEystone 24065	28.97 -0.80 0.01	25.38 -0.68 0.01	23.74 -0.63 0.01	24.35 -0.70 0.01	24.31 -0.70 0.01	29.28 -0.65 0.97	38.57 -0.47 0.21	39.94 -0.59 -1.16	38.74 -0.37 2.12	39.75 -0.21 1.43	40.39 -0.46 1.18	39.22 -0.28 1.16	38.81 -0.66 0.09	38.03 -0.66 0.00	38.46 -0.27 0.70	38.39 -0.40 0.93	39.19 -0.50 2.25	39.50 -0.49 0.83	40.80 -0.88 0.00	46.20 -0.76 0.48	51.09 -0.63 0.62	44.89 -0.54 0.00	36.40 -0.52 0.00	34.42 -0.74 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.70 1.91 -0.01	27.79 1.72 0.00	25.92 1.54 0.00	26.59 1.53 0.00	26.58 1.55 -0.01	32.83 1.92 -0.01	41.53 2.28 -0.01	44.59 2.56 -2.67	45.13 2.72 -1.18	46.51 2.94 -2.18	47.07 2.73 -2.31	46.51 2.60 -3.25	45.86 2.67 -4.02	45.60 2.55 -4.37	45.80 2.76 -3.60	45.45 2.82 -2.91	47.05 2.89 -2.22	46.85 2.81 -3.22	49.14 2.54 -4.91	57.47 2.75 -7.27	60.35 3.25 -4.76	52.89 2.68 -4.78	43.64 2.14 -4.58	40.22 1.86 -3.20
PJM_GEN_VFT_PROXY 323633	31.39 1.61 0.00	27.50 1.43 0.00	25.73 1.34 0.00	26.34 1.28 0.00	26.27 1.25 0.00	32.45 1.54 0.00	41.05 1.81 0.00	42.85 2.28 -1.20	42.47 2.43 1.20	44.21 2.82 0.00	44.72 2.69 0.00	43.30 2.64 0.00	41.84 2.67 0.00	41.24 2.55 0.00	42.16 2.72 0.00	42.42 2.70 0.00	44.74 2.81 0.00	43.55 2.73 0.00	44.14 2.46 0.00	50.00 2.56 0.00	55.48 3.14 0.00	47.94 2.50 0.00	38.69 1.77 0.00	36.53 1.37 0.00
PLATSBURG_115KV_PMLD1 355749	29.90 0.12 0.00	26.15 0.08 0.00	24.46 0.07 0.00	25.19 0.13 0.00	25.20 0.18 0.00	31.15 0.25 0.00	39.68 0.43 0.00	39.88 0.51 0.00	41.85 0.62 0.00	41.97 0.58 0.00	42.66 0.63 0.00	41.27 0.61 0.00	39.72 0.55 0.00	39.23 0.54 0.00	40.03 0.59 0.00	40.31 0.60 0.00	42.52 0.59 0.00	41.30 0.49 0.00	42.31 0.63 0.00	48.01 0.57 0.00	53.02 0.68 0.00	46.07 0.64 0.00	37.29 0.37 0.00	35.55 0.39 0.00
PLEASANTVLY__LBMP 24000	31.12 1.34 0.00	27.24 1.17 0.00	25.51 1.12 0.00	26.12 1.05 0.00	26.07 1.05 0.00	32.20 1.30 0.00	40.78 1.53 0.00	41.22 1.85 0.00	43.21 1.98 0.00	43.54 2.15 0.00	44.13 2.10 0.00	42.69 2.03 0.00	41.21 2.04 0.00	40.66 1.97 0.00	41.53 2.09 0.00	41.78 2.07 0.00	44.16 2.22 0.00	43.02 2.20 0.00	43.68 2.00 0.00	49.53 2.09 0.00	54.85 2.51 0.00	47.48 2.04 0.00	38.43 1.51 0.00	36.40 1.23 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.42 1.64 0.00	27.50 1.43 0.00	25.73 1.34 0.00	26.37 1.30 0.00	26.30 1.28 0.00	32.51 1.61 0.00	41.21 1.96 0.00	41.73 2.36 0.00	43.75 2.52 0.00	44.17 2.77 0.00	44.72 2.69 0.00	43.26 2.60 0.00	41.80 2.62 0.00	41.24 2.55 0.00	42.12 2.68 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.18 2.50 0.00	50.10 2.66 0.00	55.53 3.19 0.00	48.03 2.59 0.00	38.84 1.92 0.00	36.71 1.55 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.42 1.64 0.00	27.50 1.43 0.00	25.73 1.34 0.00	26.37 1.30 0.00	26.30 1.28 0.00	32.51 1.61 0.00	41.21 1.96 0.00	41.73 2.36 0.00	43.75 2.52 0.00	44.17 2.77 0.00	44.72 2.69 0.00	43.26 2.60 0.00	41.80 2.62 0.00	41.24 2.55 0.00	42.12 2.68 0.00	42.38 2.66 0.00	44.70 2.77 0.00	43.55 2.73 0.00	44.18 2.50 0.00	50.10 2.66 0.00	55.53 3.19 0.00	48.03 2.59 0.00	38.84 1.92 0.00	36.71 1.55 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.30 1.52 0.00	27.40 1.33 0.00	25.63 1.24 0.00	26.27 1.20 0.00	26.17 1.15 0.00	32.39 1.48 0.00	41.05 1.81 0.00	41.45 2.09 0.00	43.46 2.23 0.00	43.75 2.36 0.00	44.34 2.31 0.00	42.90 2.24 0.00	41.41 2.23 0.00	40.89 2.20 0.00	41.77 2.33 0.00	42.02 2.30 0.00	44.45 2.52 0.00	43.30 2.49 0.00	43.97 2.29 0.00	49.91 2.47 0.00	55.27 2.93 0.00	47.85 2.41 0.00	38.73 1.81 0.00	36.64 1.48 0.00
POLETTI____ 23519	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.81 2.44 0.00	43.83 2.60 0.00	44.29 2.90 0.00	44.85 2.82 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.83 2.89 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.68 1.51 0.00

POMONA___ESR 323819	31.30 1.52 0.00	27.40 1.33 0.00	25.65 1.27 0.00	26.24 1.18 0.00	26.22 1.20 0.00	32.39 1.48 0.00	41.05 1.81 0.00	41.53 2.16 0.00	43.54 2.31 0.00	43.96 2.57 0.00	44.55 2.52 0.00	43.10 2.44 0.00	41.65 2.47 0.00	41.08 2.40 0.00	41.97 2.53 0.00	42.22 2.50 0.00	44.58 2.64 0.00	43.39 2.57 0.00	44.01 2.33 0.00	49.91 2.47 0.00	55.26 2.93 0.00	47.89 2.45 0.00	38.69 1.77 0.00	36.61 1.44 0.00
PORT_JEFF_3 23555	32.20 2.41 -0.01	28.16 2.09 0.00	26.24 1.85 0.00	26.94 1.88 0.00	26.96 1.93 -0.01	33.36 2.44 -0.01	42.23 2.98 -0.01	45.21 3.27 -2.57	48.85 3.46 -4.16	48.81 3.60 -3.82	49.44 3.36 -4.04	49.60 3.25 -5.68	49.46 3.25 -7.03	49.46 3.13 -7.64	49.13 3.39 -6.30	48.27 3.45 -5.10	49.42 3.61 -3.88	50.00 3.55 -5.63	54.49 3.29 -9.52	67.09 3.70 -15.95	68.42 4.29 -11.79	59.26 3.68 -10.14	47.88 2.95 -8.01	43.43 2.67 -5.59
PORT_JEFF_4 23616	32.20 2.41 -0.01	28.16 2.09 0.00	26.24 1.85 0.00	26.94 1.88 0.00	26.96 1.93 -0.01	33.36 2.44 -0.01	42.23 2.98 -0.01	45.21 3.27 -2.57	48.85 3.46 -4.16	48.81 3.60 -3.82	49.44 3.36 -4.04	49.60 3.25 -5.68	49.46 3.25 -7.03	49.46 3.13 -7.64	49.13 3.39 -6.30	48.27 3.45 -5.10	49.42 3.61 -3.88	50.00 3.55 -5.63	54.49 3.29 -9.52	67.09 3.70 -15.95	68.42 4.29 -11.79	59.26 3.68 -10.14	47.88 2.95 -8.01	43.43 2.67 -5.59
PORT_JEFF_IC 23713	32.27 2.47 -0.01	28.21 2.14 0.00	26.26 1.88 0.00	26.97 1.90 0.00	26.98 1.95 -0.01	33.39 2.47 -0.01	42.32 3.06 -0.01	45.33 3.39 -2.58	48.91 3.50 -4.17	48.90 3.68 -3.83	49.53 3.45 -4.05	49.65 3.29 -5.70	49.52 3.29 -7.05	49.52 3.17 -7.66	49.22 3.47 -6.31	48.33 3.50 -5.11	49.48 3.65 -3.89	50.10 3.63 -5.65	54.46 3.38 -9.40	66.74 3.80 -15.50	68.14 4.50 -11.30	59.11 3.77 -9.90	47.94 2.99 -8.03	43.48 2.71 -5.61
PPL PILGRIM_ST_GT1 24216	32.24 2.44 -0.01	28.21 2.14 0.00	26.29 1.90 0.00	26.97 1.90 0.00	27.01 1.98 -0.01	33.39 2.47 -0.01	42.32 3.06 -0.01	45.36 3.39 -2.61	49.00 3.55 -4.22	48.99 3.73 -3.87	49.62 3.49 -4.10	49.76 3.33 -5.77	49.64 3.33 -7.13	49.65 3.21 -7.75	49.30 3.47 -6.39	48.47 3.58 -5.17	49.52 3.65 -3.94	50.12 3.59 -5.71	54.65 3.34 -9.63	67.28 3.75 -16.09	68.54 4.34 -11.87	59.35 3.68 -10.24	48.00 2.95 -8.13	43.48 2.64 -5.67
PPL PILGRIM_ST_GT2 24217	32.24 2.44 -0.01	28.21 2.14 0.00	26.29 1.90 0.00	26.97 1.90 0.00	27.01 1.98 -0.01	33.39 2.47 -0.01	42.32 3.06 -0.01	45.36 3.39 -2.61	49.00 3.55 -4.22	48.99 3.73 -3.87	49.62 3.49 -4.10	49.76 3.33 -5.77	49.64 3.33 -7.13	49.65 3.21 -7.75	49.30 3.47 -6.39	48.47 3.58 -5.17	49.52 3.65 -3.94	50.12 3.59 -5.71	54.65 3.34 -9.63	67.28 3.75 -16.09	68.54 4.34 -11.87	59.35 3.68 -10.24	48.00 2.95 -8.13	43.48 2.64 -5.67
PPL_SHRM_GT3 24213	32.26 2.47 -0.01	28.21 2.14 0.00	26.27 1.88 0.00	26.97 1.90 0.00	27.01 1.98 -0.01	33.42 2.50 -0.01	42.35 3.10 -0.01	45.37 3.42 -2.58	48.98 3.59 -4.16	48.94 3.73 -3.82	49.56 3.49 -4.05	49.69 3.33 -5.69	49.59 3.37 -7.04	49.62 3.29 -7.65	49.29 3.55 -6.30	48.44 3.61 -5.10	49.60 3.78 -3.89	50.25 3.80 -5.64	54.72 3.54 -9.50	67.28 3.99 -15.85	68.68 4.66 -11.68	59.57 4.04 -10.09	48.11 3.18 -8.02	43.61 2.85 -5.60
PPL_SHRM_GT4 24214	32.26 2.47 -0.01	28.21 2.14 0.00	26.27 1.88 0.00	26.97 1.90 0.00	27.01 1.98 -0.01	33.42 2.50 -0.01	42.35 3.10 -0.01	45.37 3.42 -2.58	48.98 3.59 -4.16	48.94 3.73 -3.82	49.56 3.49 -4.05	49.69 3.33 -5.69	49.59 3.37 -7.04	49.62 3.29 -7.65	49.29 3.55 -6.30	48.44 3.61 -5.10	49.60 3.78 -3.89	50.25 3.80 -5.64	54.72 3.54 -9.50	67.28 3.99 -15.85	68.68 4.66 -11.68	59.57 4.04 -10.09	48.11 3.18 -8.02	43.61 2.85 -5.60
PROJECT___ORANGE 1 24174	29.49 -0.30 0.00	25.81 -0.26 0.00	24.14 -0.24 0.00	24.81 -0.25 0.00	24.77 -0.25 0.00	30.63 -0.28 0.00	39.05 -0.20 0.00	39.01 -0.35 0.00	40.90 -0.33 0.00	41.25 -0.25 -0.11	41.77 -0.29 -0.04	40.71 -0.20 -0.26	38.94 -0.24 0.00	39.00 -0.27 -0.59	40.06 -0.28 -0.89	40.63 -0.28 -1.19	42.80 -0.38 -1.25	41.40 -0.41 -1.00	41.92 -0.50 -0.74	46.98 -0.43 0.03	52.04 -0.42 -0.12	46.02 -0.45 -1.04	36.55 -0.37 0.00	34.85 -0.32 0.00
PROJECT___ORANGE 2 24166	29.49 -0.30 0.00	25.81 -0.26 0.00	24.14 -0.24 0.00	24.81 -0.25 0.00	24.77 -0.25 0.00	30.63 -0.28 0.00	39.05 -0.20 0.00	39.01 -0.35 0.00	40.90 -0.33 0.00	41.25 -0.25 -0.11	41.77 -0.29 -0.04	40.71 -0.20 -0.26	38.94 -0.24 0.00	39.00 -0.27 -0.59	40.06 -0.28 -0.89	40.63 -0.28 -1.19	42.80 -0.38 -1.25	41.40 -0.41 -1.00	41.92 -0.50 -0.74	46.98 -0.43 0.03	52.04 -0.42 -0.12	46.02 -0.45 -1.04	36.55 -0.37 0.00	34.85 -0.32 0.00
PUCKETT___SOLAR 323809	30.38 0.60 0.00	26.62 0.55 0.00	24.87 0.49 0.00	25.56 0.50 0.00	25.55 0.53 0.00	31.32 0.80 0.38	40.46 1.29 0.08	40.57 1.22 0.01	42.11 1.24 0.36	42.14 1.24 0.49	42.73 1.14 0.44	41.70 1.34 0.30	40.31 1.17 0.04	39.92 1.09 -0.34	40.71 1.02 -0.25	41.04 0.99 -0.33	42.83 1.05 0.15	42.09 1.02 -0.26	43.08 1.00 -0.40	48.76 1.38 0.06	53.91 1.57 -0.01	47.31 1.32 -0.56	37.88 0.96 0.00	35.97 0.81 0.00
PYRITES___HYD 24023	29.87 0.09 0.00	26.12 0.05 0.00	24.44 0.05 0.00	25.16 0.10 0.00	25.20 0.18 0.00	31.06 0.15 0.00	39.60 0.35 0.00	39.76 0.39 0.00	41.31 0.08 0.00	41.21 -0.21 -0.03	41.83 -0.21 -0.01	40.24 -0.49 -0.07	38.63 -0.55 0.00	38.30 -0.54 -0.16	39.28 -0.39 -0.24	39.68 -0.36 -0.32	41.93 -0.34 -0.33	40.51 -0.57 -0.27	41.68 -0.25 -0.25	47.33 -0.24 -0.12	52.34 -0.21 -0.21	45.78 0.00 -0.34	36.88 -0.04 0.00	35.31 0.14 0.00
QUAKERRD_115KV_BK1 80622	27.81 -1.97 0.01	24.34 -1.72 0.01	22.77 -1.61 0.01	23.50 -1.55 0.01	23.41 -1.60 0.01	29.24 -2.10 -0.44	36.98 -2.32 -0.05	37.05 -2.32 -0.01	39.13 -2.35 -0.25	39.46 -2.32 -0.38	39.99 -2.35 -0.32	38.69 -2.28 -0.31	37.01 -2.19 -0.03	36.71 -1.97 0.00	37.30 -2.33 -0.19	37.60 -2.38 -0.27	39.94 -2.64 -0.65	38.48 -2.57 -0.24	39.51 -2.17 0.01	44.43 -1.99 1.02	48.87 -2.15 1.32	43.35 -2.09 0.00	35.29 -1.62 0.00	33.41 -1.76 0.00
QUENSBRY_115KV_TB8 356137	31.45 1.67 0.00	27.55 1.49 0.00	25.78 1.39 0.00	26.52 1.45 0.00	26.42 1.40 0.00	32.54 1.64 0.00	41.56 2.32 0.00	41.65 2.28 0.00	43.42 2.19 0.00	43.46 2.07 0.00	44.26 2.23 0.00	42.53 1.87 0.00	40.82 1.65 0.00	40.46 1.78 0.00	41.25 1.81 0.00	41.63 1.91 0.00	44.28 2.35 0.00	43.43 2.61 0.00	44.43 2.75 0.00	50.86 3.42 0.00	55.89 3.56 0.00	48.48 3.04 0.00	39.43 2.51 0.00	37.38 2.22 0.00
RAMAPO___LBMP 323565	31.24 1.46 0.00	27.35 1.28 0.00	25.58 1.19 0.00	26.14 1.08 0.00	26.15 1.13 0.00	32.33 1.42 0.00	40.97 1.73 0.00	41.45 2.09 0.00	43.42 2.19 0.00	43.79 2.40 0.00	44.38 2.35 0.00	42.94 2.28 0.00	41.49 2.31 0.00	40.93 2.24 0.00	41.81 2.37 0.00	42.06 2.34 0.00	44.41 2.47 0.00	43.22 2.41 0.00	43.89 2.21 0.00	49.72 2.28 0.00	55.16 2.83 0.00	47.71 2.27 0.00	38.58 1.66 0.00	36.50 1.34 0.00

RANKINE____ 23646	26.66 -3.10 0.02	23.39 -2.66 0.02	21.85 -2.51 0.02	22.56 -2.48 0.02	22.42 -2.58 0.02	25.81 -2.91 2.19	35.85 -2.94 0.46	36.10 -3.19 0.08	36.40 -2.80 2.03	35.37 -2.86 3.16	36.33 -3.11 2.59	35.25 -2.85 2.56	36.10 -2.86 0.22	35.28 -3.40 0.00	34.96 -2.92 1.56	34.27 -3.26 2.19	32.96 -3.69 5.29	35.36 -3.51 1.95	37.76 -3.92 0.01	42.86 -3.56 1.03	47.13 -3.87 1.33	42.12 -3.32 0.00	34.55 -2.36 0.00	32.56 -2.60 0.00
RAVENSWOOD_GT2_1 24244	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.85 2.48 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.87 2.94 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.68 1.51 0.00
RAVENSWOOD_GT2_2 24245	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.85 2.48 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.87 2.94 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.68 1.51 0.00
RAVENSWOOD_GT2_3 24246	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.47 1.40 0.00	26.37 1.35 0.00	32.61 1.70 0.00	41.25 2.00 0.00	41.85 2.48 0.00	43.87 2.64 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.76 0.00	42.00 2.82 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.87 2.94 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00
RAVENSWOOD_GT2_4 24247	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.47 1.40 0.00	26.37 1.35 0.00	32.61 1.70 0.00	41.25 2.00 0.00	41.85 2.48 0.00	43.87 2.64 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.76 0.00	42.00 2.82 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.87 2.94 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.68 1.51 0.00
RAVENSWOOD_GT3_1 24248	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.61 1.70 0.00	41.21 1.96 0.00	41.85 2.48 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.76 0.00	42.00 2.82 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.87 2.94 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.68 1.51 0.00
RAVENSWOOD_GT3_2 24249	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.61 1.70 0.00	41.21 1.96 0.00	41.85 2.48 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.76 0.00	42.00 2.82 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.87 2.94 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.68 1.51 0.00
RAVENSWOOD_GT3_3 24250	31.54 1.76 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.29 2.04 0.00	41.89 2.52 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.04 2.86 0.00	41.43 2.75 0.00	42.36 2.92 0.00	42.58 2.86 0.00	44.95 3.02 0.00	43.75 2.94 0.00	44.35 2.67 0.00	50.24 2.80 0.00	55.79 3.45 0.00	48.16 2.73 0.00	38.91 1.99 0.00	36.75 1.58 0.00
RAVENSWOOD_GT3_4 24251	31.54 1.76 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.29 2.04 0.00	41.89 2.52 0.00	43.91 2.68 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.04 2.86 0.00	41.43 2.75 0.00	42.36 2.92 0.00	42.58 2.86 0.00	44.95 3.02 0.00	43.75 2.94 0.00	44.35 2.67 0.00	50.24 2.80 0.00	55.79 3.45 0.00	48.16 2.73 0.00	38.91 1.99 0.00	36.75 1.58 0.00
RAVENSWOOD_GT_1 23729	31.67 1.88 -0.01	27.75 1.67 -0.01	25.93 1.54 -0.01	26.58 1.50 -0.01	26.51 1.48 -0.01	32.74 1.82 -0.01	41.25 2.00 0.00	41.89 2.52 0.00	43.99 2.76 0.00	44.50 3.10 0.00	45.02 2.98 0.00	43.59 2.93 0.00	42.11 2.94 0.00	41.51 2.82 0.00	42.40 2.96 0.00	42.62 2.90 0.00	44.95 3.02 0.00	43.80 2.98 0.00	44.35 2.67 0.00	50.20 2.75 0.00	55.69 3.35 0.00	48.12 2.68 0.00	38.88 1.96 0.00	36.78 1.62 0.00
RAVENSWOOD_GT_10 24258	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.85 2.48 0.00	43.83 2.60 0.00	44.29 2.90 0.00	44.85 2.82 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.83 2.89 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.68 1.51 0.00
RAVENSWOOD_GT_11 24259	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.85 2.48 0.00	43.83 2.60 0.00	44.29 2.90 0.00	44.85 2.82 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.83 2.89 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.68 1.51 0.00
RAVENSWOOD_GT_4 24252	31.55 1.76 -0.01	27.64 1.56 -0.01	25.86 1.46 -0.01	26.50 1.43 -0.01	26.40 1.38 -0.01	32.64 1.73 -0.01	41.21 1.96 0.00	41.85 2.48 0.00	43.87 2.64 0.00	44.37 2.98 0.00	44.93 2.90 0.00	43.46 2.81 0.00	41.99 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.54 2.82 0.00	44.87 2.94 0.00	43.71 2.90 0.00	44.26 2.58 0.00	50.15 2.70 0.00	55.68 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.71 1.55 0.00
RAVENSWOOD_GT_5 24254	31.55 1.76 -0.01	27.64 1.56 -0.01	25.86 1.46 -0.01	26.50 1.43 -0.01	26.40 1.38 -0.01	32.64 1.73 -0.01	41.21 1.96 0.00	41.85 2.48 0.00	43.87 2.64 0.00	44.37 2.98 0.00	44.93 2.90 0.00	43.46 2.81 0.00	41.99 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.54 2.82 0.00	44.87 2.94 0.00	43.71 2.90 0.00	44.26 2.58 0.00	50.15 2.70 0.00	55.68 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.71 1.55 0.00
RAVENSWOOD_GT_6 24253	31.55 1.76 -0.01	27.64 1.56 -0.01	25.86 1.46 -0.01	26.50 1.43 -0.01	26.40 1.38 -0.01	32.64 1.73 -0.01	41.21 1.96 0.00	41.85 2.48 0.00	43.87 2.64 0.00	44.37 2.98 0.00	44.93 2.90 0.00	43.46 2.81 0.00	41.99 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.54 2.82 0.00	44.87 2.94 0.00	43.71 2.90 0.00	44.26 2.58 0.00	50.15 2.70 0.00	55.68 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.71 1.55 0.00

RAVENSWOOD_GT_7 24255	31.55 1.76 -0.01	27.64 1.56 -0.01	25.86 1.46 -0.01	26.50 1.43 -0.01	26.40 1.38 -0.01	32.64 1.73 -0.01	41.21 1.96 0.00	41.85 2.48 0.00	43.87 2.64 0.00	44.37 2.98 0.00	44.93 2.90 0.00	43.46 2.81 0.00	41.99 2.82 0.00	41.39 2.71 0.00	42.32 2.88 0.00	42.54 2.82 0.00	44.87 2.94 0.00	43.71 2.90 0.00	44.26 2.58 0.00	50.15 2.70 0.00	55.68 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.71 1.55 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.85 2.48 0.00	43.83 2.60 0.00	44.29 2.90 0.00	44.85 2.82 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.83 2.89 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.68 1.51 0.00
RAVENSWOOD_GT_9 24257	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.85 2.48 0.00	43.83 2.60 0.00	44.29 2.90 0.00	44.85 2.82 0.00	43.43 2.76 0.00	41.96 2.78 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.50 2.78 0.00	44.83 2.89 0.00	43.67 2.86 0.00	44.27 2.58 0.00	50.15 2.70 0.00	55.69 3.35 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.68 1.51 0.00
RAVENSWOOD___1 23533	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.55 1.48 -0.01	26.48 1.45 -0.01	32.74 1.82 -0.01	41.21 1.96 0.00	41.81 2.44 0.00	43.95 2.72 0.00	44.45 3.06 0.00	45.01 2.98 0.00	43.55 2.89 0.00	42.12 2.94 0.00	41.47 2.79 0.00	42.40 2.96 0.00	42.62 2.90 0.00	44.95 3.02 0.00	43.76 2.94 0.00	44.31 2.63 0.00	50.19 2.75 0.00	55.58 3.25 0.00	48.12 2.68 0.00	38.87 1.96 0.00	36.75 1.58 0.00
RAVENSWOOD___2 23534	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.55 1.48 -0.01	26.48 1.45 -0.01	32.71 1.79 -0.01	41.21 1.96 0.00	41.81 2.44 0.00	43.95 2.72 0.00	44.45 3.06 0.00	44.97 2.94 0.00	43.55 2.89 0.00	42.07 2.90 0.00	41.47 2.79 0.00	42.36 2.92 0.00	42.62 2.90 0.00	44.95 3.02 0.00	43.76 2.94 0.00	44.31 2.63 0.00	50.19 2.75 0.00	55.53 3.19 0.00	48.12 2.68 0.00	38.84 1.92 0.00	36.75 1.58 0.00
RAVENSWOOD___3 23535	31.51 1.73 0.00	27.61 1.54 0.00	25.83 1.44 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.57 1.67 0.00	41.21 1.96 0.00	41.77 2.40 0.00	43.83 2.60 0.00	44.33 2.94 0.00	44.89 2.86 0.00	43.43 2.77 0.00	42.00 2.82 0.00	41.35 2.67 0.00	42.28 2.84 0.00	42.54 2.82 0.00	44.87 2.93 0.00	43.67 2.86 0.00	44.27 2.59 0.00	50.15 2.70 0.00	55.58 3.25 0.00	48.07 2.63 0.00	38.84 1.92 0.00	36.68 1.51 0.00
RAVENSWOOD___4 23820	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.55 1.48 -0.01	26.48 1.45 -0.01	32.70 1.79 -0.01	41.21 1.96 0.00	41.81 2.44 0.00	43.95 2.72 0.00	44.45 3.06 0.00	44.97 2.94 0.00	43.55 2.89 0.00	42.07 2.90 0.00	41.47 2.79 0.00	42.36 2.92 0.00	42.62 2.90 0.00	44.95 3.02 0.00	43.75 2.94 0.00	44.31 2.63 0.00	50.14 2.70 0.00	55.53 3.19 0.00	48.07 2.63 0.00	38.83 1.92 0.00	36.75 1.58 0.00
RCPL_TRUST___DRP 24196	31.66 1.88 0.00	27.74 1.67 0.00	25.92 1.54 0.00	26.57 1.50 0.00	26.47 1.45 0.00	32.76 1.85 0.00	41.48 2.24 0.00	42.16 2.80 0.00	44.16 2.93 0.00	44.66 3.27 0.00	45.22 3.19 0.00	43.79 3.13 0.00	42.35 3.17 0.00	41.70 3.02 0.00	42.63 3.19 0.00	42.86 3.14 0.00	45.20 3.27 0.00	44.00 3.18 0.00	44.56 2.88 0.00	50.48 3.04 0.00	56.10 3.77 0.00	48.39 2.95 0.00	39.06 2.14 0.00	36.85 1.69 0.00
RED___ROCHESTER 323720	28.34 -1.43 0.01	24.78 -1.28 0.01	23.16 -1.22 0.01	23.92 -1.13 0.01	23.83 -1.18 0.01	28.33 -1.58 1.00	37.76 -1.53 -0.05	38.08 -1.30 -0.01	40.04 -1.44 -0.25	40.42 -1.36 -0.39	41.01 -1.35 -0.32	39.64 -1.34 -0.32	37.92 -1.29 -0.04	37.68 -1.01 0.00	38.17 -1.46 -0.19	38.40 -1.55 -0.23	40.70 -1.80 -0.56	39.31 -1.71 -0.21	40.42 -1.25 0.01	45.59 -0.81 1.05	50.15 -0.84 1.35	44.39 -1.04 0.00	36.18 -0.74 0.00	34.14 -1.02 0.00
REGAN___SOLAR 323812	31.54 1.76 0.00	27.63 1.56 0.00	25.80 1.41 0.00	26.54 1.48 0.00	26.47 1.45 0.00	32.82 1.92 0.00	41.91 2.67 0.00	41.96 2.60 0.00	43.54 2.31 0.00	43.34 1.95 0.00	43.75 1.72 0.00	42.17 1.51 0.00	40.58 1.41 0.00	39.96 1.27 0.00	40.78 1.34 0.00	41.27 1.55 0.00	43.86 1.93 0.00	43.14 2.33 0.00	44.27 2.59 0.00	50.90 3.46 0.00	56.00 3.66 0.00	48.57 3.13 0.00	39.43 2.51 0.00	37.45 2.28 0.00
RENSSELAER___COGEN 23796	30.41 0.63 0.00	26.62 0.55 0.00	24.90 0.51 0.00	25.56 0.50 0.00	25.47 0.45 0.00	31.43 0.52 0.00	39.72 0.47 0.00	39.92 0.55 0.00	41.89 0.66 0.00	41.97 0.58 0.00	42.66 0.63 0.00	41.15 0.49 0.00	39.65 0.47 0.00	39.15 0.47 0.00	39.95 0.51 0.00	40.27 0.56 0.00	42.56 0.63 0.00	41.51 0.69 0.00	42.31 0.63 0.00	48.01 0.57 0.00	52.81 0.47 0.00	45.99 0.55 0.00	37.47 0.55 0.00	35.66 0.49 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.20 2.41 0.00	28.21 2.14 0.00	26.36 1.98 0.00	27.14 2.08 0.00	27.00 1.98 0.00	33.38 2.47 0.00	42.82 3.57 0.00	42.75 3.39 0.00	44.53 3.30 0.00	44.50 3.10 0.00	45.31 3.28 0.00	43.34 2.68 0.00	41.45 2.27 0.00	41.04 2.36 0.00	41.88 2.45 0.00	42.34 2.62 0.00	45.04 3.10 0.00	44.37 3.55 0.00	45.60 3.92 0.00	52.42 4.98 0.00	57.67 5.34 0.00	49.89 4.45 0.00	40.57 3.65 0.00	38.40 3.24 0.00
REVERE_CPPR_DRP 24186	30.56 0.77 0.00	26.75 0.68 0.00	25.02 0.63 0.00	25.76 0.70 0.00	25.75 0.73 0.00	31.83 0.93 0.00	40.66 1.41 0.00	40.86 1.50 0.00	42.55 1.32 0.00	42.65 1.20 -0.06	43.27 1.22 -0.02	42.22 1.42 -0.14	40.47 1.29 0.00	40.05 1.04 -0.32	41.11 1.18 -0.49	41.52 1.15 -0.65	44.00 1.38 -0.68	42.63 1.27 -0.55	43.38 1.29 -0.41	49.23 1.76 -0.04	54.51 2.04 -0.14	47.79 1.77 -0.58	38.25 1.33 0.00	36.40 1.23 0.00
REYNLDDPA_13_KV_LD 356490	30.08 0.30 0.00	26.28 0.21 0.00	24.58 0.19 0.00	25.31 0.25 0.00	25.30 0.28 0.00	31.21 0.31 0.00	39.68 0.43 0.00	39.88 0.51 0.00	41.85 0.62 0.00	42.01 0.62 0.00	42.74 0.71 0.00	41.43 0.77 0.00	39.88 0.71 0.00	39.34 0.66 0.00	40.23 0.79 0.00	40.47 0.75 0.00	42.69 0.76 0.00	41.34 0.53 0.00	42.31 0.63 0.00	47.97 0.52 0.00	53.01 0.68 0.00	46.03 0.59 0.00	37.32 0.41 0.00	35.66 0.49 0.00
REYNOLDS_115KV_TB3 80639	30.59 0.80 0.00	26.77 0.70 0.00	25.05 0.66 0.00	25.71 0.65 0.00	25.62 0.60 0.00	31.62 0.71 0.00	39.99 0.75 0.00	40.19 0.83 0.00	42.14 0.91 0.00	42.22 0.83 0.00	42.91 0.88 0.00	41.39 0.73 0.00	39.92 0.74 0.00	39.42 0.73 0.00	40.19 0.75 0.00	40.51 0.79 0.00	42.86 0.92 0.00	41.84 1.02 0.00	42.60 0.92 0.00	48.39 0.95 0.00	53.23 0.89 0.00	46.30 0.86 0.00	37.73 0.81 0.00	35.90 0.74 0.00

RIVERBAY____ 323610	32.17 2.38 -0.01	28.21 2.14 -0.01	26.39 2.00 -0.01	27.03 1.95 -0.01	26.96 1.93 -0.01	33.32 2.41 -0.01	41.64 2.39 0.00	42.32 2.95 0.00	44.41 3.17 0.00	44.91 3.52 0.00	45.43 3.40 0.00	43.95 3.29 0.00	42.47 3.29 0.00	41.86 3.17 0.00	42.75 3.31 0.00	42.98 3.26 0.00	45.37 3.44 0.00	44.16 3.35 0.00	44.72 3.04 0.00	50.67 3.23 0.00	56.16 3.82 0.00	48.57 3.14 0.00	39.24 2.33 0.00	37.24 2.07 0.00
RIVERSDE_115KV_TB3 55908	30.50 0.71 0.00	26.72 0.65 0.00	24.97 0.59 0.00	25.64 0.58 0.00	25.57 0.55 0.00	31.52 0.62 0.00	39.87 0.63 0.00	40.07 0.71 0.00	42.06 0.82 0.00	42.14 0.75 0.00	42.87 0.84 0.00	41.31 0.65 0.00	39.80 0.63 0.00	39.34 0.66 0.00	40.11 0.67 0.00	40.43 0.71 0.00	42.73 0.80 0.00	41.71 0.90 0.00	42.47 0.79 0.00	48.25 0.81 0.00	53.07 0.73 0.00	46.17 0.73 0.00	37.62 0.70 0.00	35.80 0.63 0.00
ROARING__BROOK_WT_PWR 323790	29.37 -0.42 0.00	25.73 -0.34 0.00	24.10 -0.29 0.00	24.79 -0.28 0.00	24.77 -0.25 0.00	30.60 -0.31 0.00	38.89 -0.35 0.00	39.05 -0.32 0.00	40.90 -0.33 0.00	41.06 -0.33 0.00	41.69 -0.34 0.00	40.33 -0.33 0.00	38.86 -0.31 0.00	38.37 -0.31 0.00	39.12 -0.32 0.00	39.40 -0.32 0.00	41.56 -0.38 0.00	40.41 -0.41 0.00	41.26 -0.42 0.00	46.92 -0.52 0.00	51.76 -0.57 0.00	44.89 -0.54 0.00	36.44 -0.48 0.00	34.71 -0.46 0.00
ROCHESRG_115KV_T4 355643	28.04 -1.73 0.01	24.55 -1.51 0.01	22.94 -1.44 0.01	23.72 -1.33 0.01	23.61 -1.40 0.01	27.91 -1.89 1.11	37.24 -2.00 0.00	37.41 -1.97 -0.01	39.47 -1.98 -0.22	39.79 -1.95 -0.34	40.33 -1.98 -0.28	38.98 -1.95 -0.28	37.37 -1.84 -0.03	37.10 -1.59 0.00	37.59 -2.01 -0.17	37.89 -2.07 -0.24	40.16 -2.35 -0.57	38.78 -2.24 -0.21	39.88 -1.79 0.01	44.95 -1.42 1.07	49.44 -1.52 1.38	43.85 -1.59 0.00	35.74 -1.18 0.00	33.79 -1.37 0.00
ROCHESTER_9_IC 23652	28.22 -1.55 0.01	24.70 -1.36 0.01	23.08 -1.29 0.01	23.85 -1.20 0.01	23.76 -1.25 0.01	28.24 -1.67 1.00	37.61 -1.69 -0.05	37.72 -1.65 -0.01	39.89 -1.61 -0.27	40.23 -1.57 -0.42	40.82 -1.56 -0.34	39.45 -1.55 -0.34	37.73 -1.49 -0.04	37.45 -1.24 0.00	38.03 -1.62 -0.20	38.30 -1.71 -0.29	40.66 -1.97 -0.70	39.15 -1.92 -0.26	40.21 -1.46 0.01	45.36 -1.04 1.04	49.95 -1.05 1.34	44.21 -1.23 0.00	36.03 -0.89 0.00	34.04 -1.13 0.00
ROCKVIEW_13_KV_LD 356306	31.51 1.73 0.00	27.58 1.51 0.00	25.80 1.41 0.00	26.42 1.35 0.00	26.35 1.33 0.00	32.61 1.70 0.00	41.32 2.08 0.00	41.89 2.52 0.00	43.91 2.68 0.00	44.33 2.94 0.00	44.93 2.90 0.00	43.47 2.81 0.00	42.00 2.82 0.00	41.39 2.71 0.00	42.28 2.84 0.00	42.54 2.82 0.00	44.91 2.98 0.00	43.71 2.90 0.00	44.35 2.67 0.00	50.29 2.85 0.00	55.74 3.40 0.00	48.16 2.73 0.00	38.95 2.03 0.00	36.78 1.62 0.00
ROME____115KV_TB2 80656	30.56 0.77 0.00	26.75 0.68 0.00	25.02 0.63 0.00	25.76 0.70 0.00	25.75 0.73 0.00	31.83 0.93 0.00	40.66 1.41 0.00	40.86 1.50 0.00	42.55 1.32 0.00	42.65 1.20 -0.06	43.27 1.22 -0.02	42.22 1.42 -0.14	40.47 1.29 0.00	40.05 1.04 -0.32	41.11 1.18 -0.49	41.52 1.15 -0.65	44.00 1.38 -0.68	42.63 1.27 -0.55	43.38 1.29 -0.41	49.23 1.76 -0.04	54.51 2.04 -0.14	47.79 1.77 -0.58	38.25 1.33 0.00	36.40 1.23 0.00
ROSETON__1 23587	31.09 1.31 0.00	27.21 1.15 0.00	25.49 1.10 0.00	26.09 1.03 0.00	26.05 1.03 0.00	32.17 1.27 0.00	40.74 1.49 0.00	41.14 1.77 0.00	43.17 1.94 0.00	43.50 2.11 0.00	44.09 2.06 0.00	42.65 1.99 0.00	41.17 2.00 0.00	40.62 1.93 0.00	41.49 2.05 0.00	41.78 2.06 0.00	44.11 2.18 0.00	42.98 2.16 0.00	43.64 1.96 0.00	49.48 2.04 0.00	54.74 2.41 0.00	47.44 2.00 0.00	38.43 1.51 0.00	36.36 1.20 0.00
ROSETON__2 23588	31.09 1.31 0.00	27.21 1.15 0.00	25.49 1.10 0.00	26.09 1.03 0.00	26.05 1.03 0.00	32.17 1.27 0.00	40.74 1.49 0.00	41.14 1.77 0.00	43.17 1.94 0.00	43.50 2.11 0.00	44.09 2.06 0.00	42.65 1.99 0.00	41.17 2.00 0.00	40.62 1.93 0.00	41.49 2.05 0.00	41.78 2.06 0.00	44.11 2.18 0.00	42.98 2.16 0.00	43.64 1.96 0.00	49.48 2.04 0.00	54.74 2.41 0.00	47.44 2.00 0.00	38.43 1.51 0.00	36.36 1.20 0.00
ROTTDRAM_115KV_TB3 80664	30.62 0.83 0.00	26.82 0.76 0.00	25.07 0.68 0.00	25.76 0.70 0.00	25.70 0.68 0.00	31.74 0.83 0.00	40.26 1.02 0.00	40.47 1.10 0.00	42.34 1.11 0.00	42.43 1.03 0.00	43.08 1.05 0.00	41.60 0.94 0.00	40.08 0.90 0.00	39.61 0.93 0.00	40.39 0.95 0.00	40.71 0.99 0.00	43.07 1.13 0.00	42.04 1.22 0.00	42.89 1.21 0.00	48.87 1.42 0.00	53.85 1.52 0.00	46.76 1.32 0.00	37.99 1.07 0.00	36.11 0.95 0.00
RUSSELL__1 23602	28.31 -1.46 0.01	24.78 -1.28 0.01	23.16 -1.22 0.01	23.92 -1.13 0.01	23.83 -1.18 0.01	28.33 -1.58 1.00	37.77 -1.53 -0.05	37.88 -1.50 -0.01	40.08 -1.40 -0.25	40.42 -1.37 -0.39	40.97 -1.39 -0.32	39.64 -1.34 -0.32	37.92 -1.29 -0.04	37.64 -1.04 0.00	38.17 -1.46 -0.19	38.48 -1.51 -0.27	40.83 -1.76 -0.66	39.34 -1.71 -0.24	40.38 -1.29 0.01	45.59 -0.81 1.05	50.15 -0.84 1.35	44.39 -1.05 0.00	36.14 -0.78 0.00	34.15 -1.02 0.00
RUSSELL__2 23532	28.31 -1.46 0.01	24.78 -1.28 0.01	23.16 -1.22 0.01	23.92 -1.13 0.01	23.83 -1.18 0.01	28.33 -1.58 1.00	37.77 -1.53 -0.05	37.88 -1.50 -0.01	40.08 -1.40 -0.25	40.42 -1.37 -0.39	40.97 -1.39 -0.32	39.64 -1.34 -0.32	37.92 -1.29 -0.04	37.64 -1.04 0.00	38.17 -1.46 -0.19	38.48 -1.51 -0.27	40.83 -1.76 -0.66	39.34 -1.71 -0.24	40.38 -1.29 0.01	45.59 -0.81 1.05	50.15 -0.84 1.35	44.39 -1.05 0.00	36.14 -0.78 0.00	34.15 -1.02 0.00
RUSSELL__3 23549	28.31 -1.46 0.01	24.78 -1.28 0.01	23.16 -1.22 0.01	23.92 -1.13 0.01	23.83 -1.18 0.01	28.33 -1.58 1.00	37.77 -1.53 -0.05	37.88 -1.50 -0.01	40.08 -1.40 -0.25	40.42 -1.37 -0.39	40.97 -1.39 -0.32	39.64 -1.34 -0.32	37.92 -1.29 -0.04	37.64 -1.04 0.00	38.17 -1.46 -0.19	38.48 -1.51 -0.27	40.83 -1.76 -0.66	39.34 -1.71 -0.24	40.38 -1.29 0.01	45.59 -0.81 1.05	50.15 -0.84 1.35	44.39 -1.05 0.00	36.14 -0.78 0.00	34.15 -1.02 0.00
RUSSELL__4 23556	28.31 -1.46 0.01	24.78 -1.28 0.01	23.16 -1.22 0.01	23.92 -1.13 0.01	23.83 -1.18 0.01	28.33 -1.58 1.00	37.77 -1.53 -0.05	37.88 -1.50 -0.01	40.08 -1.40 -0.25	40.42 -1.37 -0.39	40.97 -1.39 -0.32	39.64 -1.34 -0.32	37.92 -1.29 -0.04	37.64 -1.04 0.00	38.17 -1.46 -0.19	38.48 -1.51 -0.27	40.83 -1.76 -0.66	39.34 -1.71 -0.24	40.38 -1.29 0.01	45.59 -0.81 1.05	50.15 -0.84 1.35	44.39 -1.05 0.00	36.14 -0.78 0.00	34.15 -1.02 0.00
RUSSELL__STATION 23914	28.31 -1.46 0.01	24.78 -1.28 0.01	23.16 -1.22 0.01	23.92 -1.13 0.01	23.83 -1.18 0.01	28.33 -1.58 1.00	37.77 -1.53 -0.05	37.88 -1.50 -0.01	40.08 -1.40 -0.25	40.42 -1.37 -0.39	40.97 -1.39 -0.32	39.64 -1.34 -0.32	37.92 -1.29 -0.04	37.64 -1.04 0.00	38.17 -1.46 -0.19	38.48 -1.51 -0.27	40.83 -1.76 -0.66	39.34 -1.71 -0.24	40.38 -1.29 0.01	45.59 -0.81 1.05	50.15 -0.84 1.35	44.39 -1.05 0.00	36.14 -0.78 0.00	34.15 -1.02 0.00

S SALMON___HYD 24043	29.49 -0.30 0.00	25.81 -0.26 0.00	24.14 -0.24 0.00	24.86 -0.20 0.00	24.79 -0.23 0.00	30.60 -0.31 0.00	38.97 -0.27 0.00	38.97 -0.39 0.00	40.61 -0.62 0.00	40.93 -0.66 -0.20	41.47 -0.63 -0.07	40.65 -0.49 -0.47	38.63 -0.55 0.00	39.14 -0.62 -1.08	40.49 -0.59 -1.64	41.30 -0.59 -2.18	43.55 -0.67 -2.28	41.99 -0.65 -1.83	42.22 -0.62 -1.16	47.79 -0.47 -0.82	53.18 -0.47 -1.31	46.56 -0.50 -1.62	36.48 -0.44 0.00	34.88 -0.28 0.00
S.PERRY___115KV_TB1 80734	28.56 -1.19 0.03	24.94 -1.09 0.03	23.33 -1.02 0.03	24.06 -0.98 0.03	24.01 -0.98 0.03	33.64 -0.99 -3.72	40.46 -0.39 -1.61	38.94 -0.67 -0.24	47.27 -0.66 -6.69	50.99 -0.83 -10.43	49.41 -1.18 -8.55	47.97 -1.14 -8.45	38.24 -1.21 -0.28	37.33 -1.35 0.00	43.29 -1.26 -5.11	45.60 -1.35 -7.23	57.87 -1.55 -17.49	46.03 -1.22 -6.44	40.80 -0.88 0.01	46.46 -0.09 0.88	51.35 0.16 1.14	45.30 -0.14 0.00	36.81 -0.11 0.00	34.67 -0.49 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.37 -3.40 0.02	23.18 -2.87 0.02	21.61 -2.76 0.02	22.41 -2.63 0.02	22.25 -2.75 0.02	25.31 -3.40 2.20	35.14 -3.65 0.46	35.51 -3.78 0.08	35.59 -3.59 2.05	34.54 -3.64 3.21	35.59 -3.82 2.61	34.45 -3.62 2.60	35.40 -3.56 0.21	35.01 -3.67 0.00	34.20 -3.63 1.61	33.58 -3.93 2.21	32.20 -4.40 5.33	34.65 -4.20 1.97	37.50 -4.17 0.01	42.68 -3.70 1.07	46.88 -4.08 1.38	41.80 -3.64 0.00	34.30 -2.62 0.00	32.28 -2.88 0.00
SAWYER___23_KV_LOAD 55526	26.37 -3.40 0.02	23.18 -2.87 0.02	21.61 -2.76 0.02	22.41 -2.63 0.02	22.25 -2.75 0.02	25.31 -3.40 2.20	35.14 -3.65 0.46	35.51 -3.78 0.08	35.59 -3.59 2.05	34.54 -3.64 3.21	35.59 -3.82 2.61	34.45 -3.62 2.60	35.40 -3.56 0.21	35.01 -3.67 0.00	34.20 -3.63 1.61	33.58 -3.93 2.21	32.20 -4.40 5.33	34.65 -4.20 1.97	37.50 -4.17 0.01	42.68 -3.70 1.07	46.88 -4.08 1.38	41.80 -3.64 0.00	34.30 -2.62 0.00	32.28 -2.88 0.00
SELKIRK___I 23801	30.62 0.83 0.00	26.83 0.76 0.00	25.09 0.71 0.00	25.76 0.70 0.00	25.67 0.65 0.00	31.71 0.80 0.00	40.11 0.86 0.00	40.27 0.91 0.00	42.22 0.99 0.00	42.34 0.95 0.00	43.00 0.97 0.00	41.47 0.81 0.00	39.96 0.78 0.00	39.42 0.73 0.00	40.23 0.79 0.00	40.55 0.84 0.00	42.85 0.92 0.00	41.84 1.02 0.00	42.64 0.96 0.00	48.49 1.04 0.00	53.44 1.10 0.00	46.44 1.00 0.00	37.84 0.92 0.00	36.01 0.84 0.00
SELKIRK___II 23799	30.44 0.65 0.00	26.64 0.57 0.00	24.92 0.54 0.00	25.59 0.53 0.00	25.52 0.50 0.00	31.49 0.59 0.00	39.83 0.59 0.00	39.99 0.63 0.00	41.97 0.74 0.00	42.09 0.70 0.00	42.79 0.76 0.00	41.27 0.61 0.00	39.76 0.59 0.00	39.27 0.58 0.00	40.07 0.63 0.00	40.39 0.67 0.00	42.69 0.76 0.00	41.63 0.82 0.00	42.39 0.71 0.00	48.16 0.71 0.00	53.01 0.68 0.00	46.12 0.68 0.00	37.54 0.63 0.00	35.73 0.56 0.00
SENECA OSWGO___HYD 24041	29.13 -0.66 0.00	25.50 -0.57 0.00	23.83 -0.56 0.00	24.51 -0.55 0.00	24.47 -0.55 0.00	30.26 -0.65 0.00	38.50 -0.75 0.00	38.46 -0.90 0.00	40.24 -0.99 0.00	40.73 -0.95 -0.29	41.16 -0.97 -0.10	40.39 -0.93 -0.67	38.28 -0.90 0.00	39.32 -0.89 -1.52	40.80 -0.95 -2.31	41.88 -0.91 -3.08	44.11 -1.05 -3.23	42.37 -1.02 -2.58	42.38 -1.04 -1.74	47.91 -1.09 -1.56	53.57 -1.15 -2.39	46.77 -1.09 -2.42	36.07 -0.85 0.00	34.39 -0.77 0.00
SENECA___115KV_TB3 355854	26.66 -3.10 0.02	23.39 -2.66 0.02	21.85 -2.51 0.02	22.61 -2.43 0.02	22.45 -2.55 0.02	25.87 -2.84 2.19	35.93 -2.86 0.46	35.98 -3.31 0.08	36.40 -2.81 2.03	35.41 -2.82 3.16	36.46 -2.98 2.59	35.29 -2.81 2.56	36.18 -2.78 0.22	35.40 -3.29 0.00	35.00 -2.88 1.56	34.50 -3.18 2.04	33.36 -3.65 4.93	35.53 -3.47 1.82	37.80 -3.88 0.01	42.90 -3.51 1.03	47.14 -3.87 1.33	42.17 -3.27 0.00	34.59 -2.32 0.00	32.60 -2.57 0.00
SENECA___ENERGY 23797	29.10 -0.68 0.00	25.47 -0.60 0.00	23.80 -0.59 0.00	24.48 -0.58 0.00	24.47 -0.55 0.00	30.65 -0.56 -0.30	39.04 -0.32 -0.11	38.95 -0.43 -0.02	41.27 -0.41 -0.45	41.84 -0.37 -0.82	42.14 -0.50 -0.61	41.05 -0.45 -0.84	38.65 -0.55 -0.02	38.68 -0.62 -0.62	40.13 -0.59 -1.28	40.86 -0.59 -1.74	43.72 -0.71 -2.50	41.60 -0.69 -1.48	41.74 -0.58 -0.64	47.06 -0.38 0.00	52.16 -0.31 -0.14	45.88 -0.45 -0.90	36.55 -0.37 0.00	34.74 -0.42 0.00
SHOEMAKER___GT 23640	31.00 1.22 0.00	27.14 1.07 0.00	25.44 1.05 0.00	26.02 0.95 0.00	25.97 0.95 0.00	32.11 1.20 0.00	40.70 1.45 0.00	41.02 1.65 0.00	43.00 1.77 0.00	43.34 1.95 0.00	43.88 1.85 0.00	42.45 1.79 0.00	40.98 1.80 0.00	40.46 1.78 0.00	41.33 1.89 0.00	41.63 1.91 0.00	43.95 2.01 0.00	42.81 2.00 0.00	43.51 1.83 0.00	49.39 1.95 0.00	54.69 2.36 0.00	47.35 1.91 0.00	38.36 1.44 0.00	36.29 1.12 0.00
SHOEMAKR_138KV_BK 111 55601	31.00 1.22 0.00	27.14 1.07 0.00	25.44 1.05 0.00	26.02 0.95 0.00	26.00 0.98 0.00	32.11 1.21 0.00	40.70 1.45 0.00	41.10 1.73 0.00	43.00 1.77 0.00	43.34 1.95 0.00	43.92 1.89 0.00	42.49 1.83 0.00	41.02 1.84 0.00	40.50 1.82 0.00	41.33 1.89 0.00	41.63 1.91 0.00	43.99 2.05 0.00	42.86 2.04 0.00	43.52 1.83 0.00	49.39 1.95 0.00	54.74 2.41 0.00	47.35 1.91 0.00	38.36 1.44 0.00	36.29 1.13 0.00
SHOREHAM_IC_1 23715	32.26 2.47 -0.01	28.21 2.14 0.00	26.27 1.88 0.00	26.97 1.90 0.00	27.01 1.98 -0.01	33.42 2.50 -0.01	42.35 3.10 -0.01	45.37 3.42 -2.58	48.98 3.59 -4.16	48.94 3.73 -3.82	49.56 3.49 -4.05	49.69 3.33 -5.69	49.59 3.37 -7.04	49.62 3.29 -7.65	49.29 3.55 -6.30	48.44 3.61 -5.10	49.60 3.78 -3.89	50.25 3.80 -5.64	54.72 3.54 -9.50	67.28 3.99 -15.85	68.68 4.66 -11.68	59.57 4.04 -10.09	48.11 3.18 -8.02	43.61 2.85 -5.60
SHOREHAM_IC_2 23716	32.26 2.47 -0.01	28.21 2.14 0.00	26.27 1.88 0.00	26.97 1.90 0.00	27.01 1.98 -0.01	33.42 2.50 -0.01	42.35 3.10 -0.01	45.37 3.42 -2.58	48.98 3.59 -4.16	48.94 3.73 -3.82	49.56 3.49 -4.05	49.69 3.33 -5.69	49.59 3.37 -7.04	49.62 3.29 -7.65	49.29 3.55 -6.30	48.44 3.61 -5.10	49.60 3.78 -3.89	50.25 3.80 -5.64	54.72 3.54 -9.50	67.28 3.99 -15.85	68.68 4.66 -11.68	59.57 4.04 -10.09	48.11 3.18 -8.02	43.61 2.85 -5.60
SISSONVILLE____ 23735	29.46 -0.33 0.00	25.73 -0.34 0.00	24.09 -0.29 0.00	24.81 -0.25 0.00	24.82 -0.20 0.00	30.54 -0.37 0.00	38.93 -0.31 0.00	39.13 -0.24 0.00	40.78 -0.45 0.00	40.76 -0.66 -0.03	41.41 -0.63 -0.01	39.76 -0.98 -0.08	38.16 -1.02 0.00	37.85 -1.01 -0.17	38.80 -0.91 -0.27	39.16 -0.91 -0.35	41.21 -1.09 -0.37	39.68 -1.43 -0.30	40.79 -1.17 -0.27	46.21 -1.38 -0.14	51.11 -1.47 -0.24	44.69 -1.14 -0.38	36.07 -0.85 0.00	34.60 -0.56 0.00
SITHE_IND_GS1 24169	28.92 -0.86 0.00	25.31 -0.76 0.00	23.68 -0.71 0.00	24.36 -0.70 0.00	24.29 -0.73 0.00	30.01 -0.90 0.00	38.15 -1.10 0.00	38.11 -1.26 0.00	39.83 -1.40 0.00	39.23 -1.41 0.75	40.34 -1.43 0.26	37.56 -1.34 1.76	37.84 -1.33 0.00	33.40 -1.28 4.01	31.96 -1.38 6.10	30.26 -1.35 8.11	31.96 -1.47 8.50	32.59 -1.43 6.79	35.19 -1.52 5.07	36.71 -1.52 9.21	37.67 -1.68 12.99	36.93 -1.50 7.01	35.77 -1.14 0.00	34.18 -0.98 0.00

SITHE_IND_GS2 24170	28.92 -0.86 0.00	25.31 -0.76 0.00	23.68 -0.71 0.00	24.36 -0.70 0.00	24.29 -0.73 0.00	30.01 -0.90 0.00	38.15 -1.10 0.00	38.11 -1.26 0.00	39.83 -1.40 0.00	39.23 -1.41 0.75	40.34 -1.43 0.26	37.56 -1.34 1.76	37.84 -1.33 0.00	33.40 -1.28 4.01	31.96 -1.38 6.10	30.26 -1.35 8.11	31.96 -1.47 8.50	32.59 -1.43 6.79	35.19 -1.42 5.07	36.71 -1.52 9.21	37.67 -1.68 12.99	36.93 -1.50 7.01	35.77 -1.14 0.00	34.18 -0.98 0.00
SITHE_IND_GS3 24171	28.92 -0.86 0.00	25.31 -0.76 0.00	23.68 -0.71 0.00	24.36 -0.70 0.00	24.29 -0.73 0.00	30.01 -0.90 0.00	38.15 -1.10 0.00	38.11 -1.26 0.00	39.83 -1.40 0.00	39.23 -1.41 0.75	40.34 -1.43 0.26	37.56 -1.34 1.76	37.84 -1.33 0.00	33.40 -1.28 4.01	31.96 -1.38 6.10	30.26 -1.35 8.11	31.96 -1.47 8.50	32.59 -1.43 6.79	35.19 -1.42 5.07	36.71 -1.52 9.21	37.67 -1.68 12.99	36.93 -1.50 7.01	35.77 -1.14 0.00	34.18 -0.98 0.00
SITHE_IND_GS4 24172	28.92 -0.86 0.00	25.31 -0.76 0.00	23.68 -0.71 0.00	24.36 -0.70 0.00	24.29 -0.73 0.00	30.01 -0.90 0.00	38.15 -1.10 0.00	38.11 -1.26 0.00	39.83 -1.40 0.00	39.23 -1.41 0.75	40.34 -1.43 0.26	37.56 -1.34 1.76	37.84 -1.33 0.00	33.40 -1.28 4.01	31.96 -1.38 6.10	30.26 -1.35 8.11	31.96 -1.47 8.50	32.59 -1.43 6.79	35.19 -1.42 5.07	36.71 -1.52 9.21	37.67 -1.68 12.99	36.93 -1.50 7.01	35.77 -1.14 0.00	34.18 -0.98 0.00
SITHE___BATAVIA 24024	27.30 -2.47 0.02	23.89 -2.16 0.02	22.32 -2.05 0.02	23.14 -1.91 0.02	23.00 -2.00 0.02	26.74 -2.53 1.63	36.50 -2.51 0.23	36.89 -2.44 0.04	37.66 -2.47 1.10	37.03 -2.65 1.71	37.90 -2.73 1.40	36.55 -2.72 1.39	36.04 -2.62 0.51	36.17 -2.51 0.00	35.83 -2.76 0.85	35.70 -2.98 1.04	36.11 -3.31 2.51	36.83 -3.06 0.92	38.96 -2.71 0.01	44.30 -2.09 1.05	48.72 -2.25 1.36	43.30 -2.13 0.00	35.44 -1.48 0.00	33.33 -1.83 0.00
SITHE___INDEPEND 23800	28.92 -0.86 0.00	25.31 -0.76 0.00	23.68 -0.71 0.00	24.36 -0.70 0.00	24.30 -0.73 0.00	30.01 -0.90 0.00	38.15 -1.10 0.00	38.07 -1.30 0.00	39.83 -1.40 0.00	39.27 -1.37 0.75	40.34 -1.43 0.26	37.56 -1.34 1.76	37.84 -1.33 0.00	33.40 -1.28 4.01	32.00 -1.34 6.10	30.26 -1.35 8.11	31.96 -1.47 8.50	32.59 -1.43 6.79	35.18 -1.42 5.08	36.71 -1.52 9.22	37.72 -1.62 13.00	36.91 -1.50 7.02	35.77 -1.14 0.00	34.18 -0.98 0.00
SITHE___MASSENA 23902	29.87 0.09 0.00	26.09 0.03 0.00	24.41 0.02 0.00	25.14 0.08 0.00	25.12 0.10 0.00	31.03 0.12 0.00	39.44 0.20 0.00	39.64 0.28 0.00	41.56 0.33 0.00	41.68 0.29 0.00	42.36 0.33 0.00	40.98 0.32 0.00	39.45 0.28 0.00	38.96 0.27 0.00	39.79 0.35 0.00	40.03 0.32 0.00	42.23 0.30 0.00	40.94 0.12 0.00	41.98 0.29 0.00	47.63 0.19 0.00	52.65 0.32 0.00	45.71 0.27 0.00	37.07 0.15 0.00	35.38 0.21 0.00
SITHE___OGDNSBRG 24021	30.02 0.24 0.00	26.23 0.16 0.00	24.53 0.15 0.00	25.26 0.20 0.00	25.27 0.25 0.00	31.18 0.28 0.00	39.72 0.47 0.00	39.88 0.51 0.00	41.48 0.25 0.00	41.42 0.00 -0.02	42.04 0.00 -0.01	40.55 -0.16 -0.05	38.94 -0.24 0.00	38.58 -0.23 -0.12	39.55 -0.08 -0.19	39.97 0.00 -0.25	42.28 0.08 -0.26	40.90 -0.12 -0.21	42.08 0.21 -0.19	47.78 0.24 -0.10	52.82 0.31 -0.17	46.11 0.41 -0.27	37.18 0.26 0.00	35.55 0.39 0.00
SITHE___STERLING 23777	30.35 0.56 0.00	26.56 0.49 0.00	24.85 0.46 0.00	25.56 0.50 0.00	25.55 0.53 0.00	31.58 0.68 0.00	40.30 1.06 0.00	40.43 1.06 0.00	42.18 0.95 0.00	42.33 0.87 -0.06	42.94 0.88 -0.02	41.86 1.06 -0.15	40.11 0.94 0.00	39.79 0.77 -0.33	40.78 0.83 -0.51	41.23 0.84 -0.67	43.65 1.00 -0.71	42.32 0.94 -0.56	42.95 0.96 -0.31	48.67 1.28 0.06	53.80 1.46 0.00	47.15 1.27 -0.44	37.88 0.96 0.00	36.04 0.88 0.00
SLEIGHT__34_KV_TB1 80719	28.53 -1.25 0.01	24.97 -1.09 0.01	23.33 -1.05 0.01	24.08 -0.98 0.01	24.01 -1.00 0.01	29.96 -1.30 -0.35	38.04 -1.26 -0.05	38.12 -1.26 -0.01	40.27 -1.20 -0.23	40.63 -1.16 -0.39	41.12 -1.22 -0.31	39.85 -1.18 -0.37	38.02 -1.18 -0.02	37.86 -1.01 -0.18	38.62 -1.26 -0.45	39.06 -1.27 -0.61	41.41 -1.51 -0.99	39.87 -1.47 -0.53	40.73 -1.13 -0.17	45.84 -0.85 0.75	50.57 -0.84 0.93	44.69 -1.00 -0.25	36.14 -0.78 0.00	34.25 -0.91 0.00
SOUTH CAIRO___GT 23612	31.12 1.34 0.00	27.27 1.20 0.00	25.51 1.12 0.00	26.19 1.13 0.00	26.02 1.00 0.00	32.20 1.30 0.00	40.93 1.69 0.00	41.02 1.65 0.00	42.92 1.69 0.00	42.76 1.37 0.00	43.33 1.30 0.00	41.68 1.02 0.00	40.08 0.90 0.00	39.61 0.93 0.00	40.42 0.99 0.00	40.83 1.11 0.00	43.36 1.43 0.00	42.49 1.67 0.00	43.39 1.71 0.00	49.48 2.04 0.00	54.64 2.30 0.00	47.35 1.91 0.00	38.58 1.66 0.00	36.61 1.44 0.00
SOUTH HAMPTN___IC 23720	32.14 2.35 -0.01	28.08 2.01 0.00	26.14 1.76 0.00	26.84 1.78 0.00	26.88 1.85 -0.01	33.29 2.38 -0.01	42.20 2.94 -0.01	45.49 3.54 -2.57	49.14 3.75 -4.16	49.10 3.89 -3.82	49.73 3.65 -4.04	49.96 3.62 -5.69	49.89 3.68 -7.03	50.01 3.68 -7.64	49.64 3.91 -6.30	48.75 3.93 -5.10	49.97 4.15 -3.88	50.61 4.17 -5.63	55.13 3.92 -9.53	67.89 4.46 -15.99	69.30 5.13 -11.84	60.01 4.41 -10.17	48.36 3.43 -8.01	43.85 3.10 -5.59
SOUTHDOW__115KV_TB1 355954	27.53 -2.23 0.02	24.06 -1.98 0.02	22.53 -1.83 0.02	23.21 -1.83 0.02	23.05 -1.95 0.02	27.05 -1.73 2.12	37.54 -1.26 0.45	37.75 -1.54 0.08	38.26 -0.99 1.98	37.36 -0.95 3.08	38.33 -1.18 2.52	37.11 -1.06 2.50	37.71 -1.25 0.21	36.44 -2.24 0.00	36.70 -1.22 1.52	36.04 -1.55 2.13	34.89 -1.89 5.15	37.20 -1.71 1.90	39.05 -2.63 0.01	44.28 -2.18 0.98	48.76 -2.30 1.27	43.58 -1.86 0.00	35.70 -1.22 0.00	33.65 -1.51 0.00
SOUTHOLD_69_KV_BK 2 55809	31.91 2.11 -0.01	27.84 1.77 0.00	25.92 1.54 0.00	26.64 1.58 0.00	26.68 1.65 -0.01	33.05 2.13 -0.01	41.92 2.67 -0.01	45.48 3.54 -2.57	49.10 3.71 -4.16	49.02 3.81 -3.82	49.73 3.66 -4.04	49.97 3.62 -5.69	49.97 3.76 -7.03	50.12 3.79 -7.64	49.76 4.02 -6.30	48.79 3.97 -5.10	50.05 4.24 -3.89	50.77 4.33 -5.63	55.30 4.08 -9.53	68.08 4.65 -15.99	69.61 5.44 -11.83	60.19 4.59 -10.16	48.44 3.51 -8.01	43.96 3.20 -5.59
SOUTHOLD___IC 23719	31.91 2.11 -0.01	27.84 1.77 0.00	25.92 1.54 0.00	26.64 1.58 0.00	26.68 1.65 -0.01	33.05 2.13 -0.01	41.92 2.67 -0.01	45.41 3.47 -2.57	49.10 3.71 -4.16	49.02 3.81 -3.82	49.69 3.62 -4.04	49.96 3.62 -5.69	49.97 3.76 -7.03	50.12 3.79 -7.64	49.76 4.02 -6.30	48.83 4.01 -5.10	50.10 4.28 -3.89	50.77 4.32 -5.63	55.30 4.09 -9.53	68.08 4.65 -15.99	69.51 5.34 -11.83	60.19 4.59 -10.16	48.44 3.51 -8.01	43.96 3.20 -5.59
SOUTH_FORK_WT_PWR 323839	31.52 1.73 -0.01	27.50 1.43 0.00	25.61 1.22 0.00	26.32 1.25 0.00	26.35 1.33 -0.01	32.64 1.73 -0.01	41.37 2.12 -0.01	45.05 3.11 -2.57	48.69 3.30 -4.16	48.64 3.43 -3.82	49.31 3.24 -4.04	49.64 3.29 -5.69	49.74 3.53 -7.03	49.93 3.60 -7.64	49.56 3.82 -6.30	48.59 3.78 -5.10	49.84 4.03 -3.88	50.57 4.12 -5.63	55.09 3.88 -9.53	67.84 4.41 -15.99	69.25 5.08 -11.84	59.92 4.32 -10.16	48.25 3.32 -8.01	43.78 3.02 -5.59

SPIERFLS_115KV_TB 1 80737	31.27 1.49 0.00	27.37 1.30 0.00	25.66 1.27 0.00	26.37 1.30 0.00	26.27 1.25 0.00	32.33 1.42 0.00	41.21 1.96 0.00	41.30 1.93 0.00	43.05 1.81 0.00	43.09 1.70 0.00	43.88 1.85 0.00	42.16 1.50 0.00	40.51 1.33 0.00	40.19 1.51 0.00	40.98 1.54 0.00	41.35 1.63 0.00	44.03 2.10 0.00	43.14 2.33 0.00	44.14 2.46 0.00	50.43 2.99 0.00	55.48 3.14 0.00	48.12 2.68 0.00	39.13 2.22 0.00	37.13 1.97 0.00
ST LAWRENCE____ 23600	29.64 -0.15 0.00	25.91 -0.16 0.00	24.24 -0.15 0.00	24.94 -0.12 0.00	24.92 -0.10 0.00	30.78 -0.12 0.00	39.13 -0.12 0.00	39.29 -0.08 0.00	41.19 -0.04 0.00	41.31 -0.08 0.00	41.99 -0.04 0.00	40.62 -0.04 0.00	39.10 -0.08 0.00	38.65 -0.04 0.00	39.40 -0.04 0.00	39.68 -0.04 0.00	41.89 -0.04 0.00	40.69 -0.12 0.00	41.64 -0.04 0.00	47.30 -0.14 0.00	52.23 -0.10 0.00	45.35 -0.09 0.00	36.81 -0.11 0.00	35.09 -0.07 0.00
STATE_CA_115KV_115_LB 55624	30.50 0.71 0.00	26.72 0.65 0.00	25.00 0.61 0.00	25.66 0.60 0.00	25.57 0.55 0.00	31.52 0.62 0.00	39.91 0.67 0.00	40.11 0.75 0.00	42.10 0.87 0.00	42.22 0.83 0.00	42.95 0.92 0.00	41.39 0.73 0.00	39.88 0.71 0.00	39.38 0.70 0.00	40.15 0.71 0.00	40.47 0.75 0.00	42.77 0.84 0.00	41.71 0.90 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.12 0.79 0.00	46.17 0.73 0.00	37.66 0.74 0.00	35.83 0.67 0.00
STATE_ST_34_KV_LOAD 55959	29.55 -0.24 -0.01	25.84 -0.23 -0.01	24.17 -0.22 -0.01	24.84 -0.23 -0.01	24.83 -0.20 -0.01	30.91 -0.15 -0.16	39.34 0.04 -0.06	39.45 0.08 -0.01	41.61 0.12 -0.25	42.04 0.12 -0.53	42.44 0.04 -0.37	41.37 0.08 -0.63	39.15 -0.04 -0.01	39.28 -0.12 -0.72	40.64 -0.08 -1.28	41.45 0.00 -1.73	44.05 -0.08 -2.20	42.24 -0.04 -1.46	42.50 0.04 -0.78	47.86 0.28 -0.14	53.10 0.42 -0.35	46.76 0.23 -1.09	37.06 0.15 0.00	35.24 0.07 0.00
STATION 5_MISC_HYD 23604	28.22 -1.55 0.01	24.70 -1.36 0.01	23.08 -1.29 0.01	23.87 -1.18 0.01	23.76 -1.25 0.01	28.24 -1.67 1.00	37.61 -1.69 -0.05	37.92 -1.46 -0.01	39.89 -1.61 -0.27	40.23 -1.57 -0.42	40.82 -1.55 -0.34	39.45 -1.55 -0.34	37.73 -1.49 -0.04	37.48 -1.20 0.00	38.02 -1.62 -0.20	38.22 -1.75 -0.25	40.52 -2.01 -0.60	39.12 -1.92 -0.22	40.21 -1.46 0.01	45.36 -1.04 1.04	49.95 -1.05 1.34	44.21 -1.22 0.00	36.03 -0.89 0.00	34.04 -1.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.64 -1.13 0.01	25.07 -0.99 0.01	23.45 -0.93 0.01	24.17 -0.88 0.01	24.11 -0.90 0.01	29.81 -1.14 -0.05	38.34 -0.98 -0.08	38.32 -1.06 -0.01	40.55 -1.03 -0.35	41.02 -0.95 -0.58	41.44 -1.05 -0.46	40.21 -0.98 -0.53	38.23 -0.98 -0.03	37.98 -0.89 -0.19	38.89 -1.10 -0.56	39.33 -1.15 -0.77	41.92 -1.34 -1.32	40.21 -1.27 -0.66	40.91 -1.00 -0.23	46.06 -0.71 0.68	50.84 -0.68 0.82	44.95 -0.82 -0.33	36.29 -0.63 0.00	34.39 -0.77 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.10 -1.67 0.01	24.60 -1.46 0.01	23.01 -1.37 0.01	23.77 -1.28 0.01	23.66 -1.35 0.01	28.63 -1.79 0.48	37.41 -1.88 -0.05	37.53 -1.85 -0.01	39.67 -1.81 -0.26	40.06 -1.74 -0.40	40.59 -1.77 -0.33	39.24 -1.75 -0.33	37.57 -1.65 -0.04	37.25 -1.43 0.00	37.82 -1.81 -0.20	38.13 -1.87 -0.28	40.47 -2.14 -0.68	38.98 -2.08 -0.25	40.01 -1.67 0.01	45.13 -1.28 1.03	49.64 -1.36 1.33	43.98 -1.45 0.00	35.81 -1.11 0.00	33.86 -1.30 0.00
STA_56____34_KV_BUS2 355983	28.10 -1.67 0.01	24.60 -1.46 0.01	23.01 -1.37 0.01	23.77 -1.28 0.01	23.66 -1.35 0.01	28.63 -1.79 0.48	37.41 -1.88 -0.05	37.53 -1.85 -0.01	39.67 -1.81 -0.26	40.06 -1.74 -0.40	40.59 -1.77 -0.33	39.24 -1.75 -0.33	37.57 -1.65 -0.04	37.25 -1.43 0.00	37.82 -1.81 -0.20	38.13 -1.87 -0.28	40.47 -2.14 -0.68	38.98 -2.08 -0.25	40.01 -1.67 0.01	45.13 -1.28 1.03	49.64 -1.36 1.33	43.98 -1.45 0.00	35.81 -1.11 0.00	33.86 -1.30 0.00
STA_67____115KV_BK2 355882	28.19 -1.58 0.01	24.65 -1.41 0.01	23.06 -1.32 0.01	23.82 -1.23 0.01	23.73 -1.28 0.01	28.17 -1.73 1.00	37.53 -1.77 -0.06	37.64 -1.73 -0.01	39.81 -1.69 -0.27	40.16 -1.66 -0.42	40.74 -1.64 -0.35	39.37 -1.63 -0.34	37.65 -1.57 -0.04	37.37 -1.32 0.00	37.95 -1.70 -0.21	38.22 -1.79 -0.29	40.59 -2.05 -0.71	39.08 -2.00 -0.26	40.13 -1.54 0.01	45.31 -1.09 1.04	49.85 -1.15 1.34	44.17 -1.27 0.00	35.96 -0.96 0.00	33.97 -1.20 0.00
STA_7____115KV_9TRANS 80674	28.31 -1.46 0.01	24.78 -1.28 0.01	23.16 -1.22 0.01	23.92 -1.13 0.01	23.83 -1.18 0.01	28.33 -1.58 1.00	37.77 -1.53 -0.05	37.88 -1.50 -0.01	40.08 -1.40 -0.25	40.42 -1.37 -0.39	40.97 -1.39 -0.32	39.64 -1.34 -0.32	37.92 -1.29 -0.04	37.64 -1.04 0.00	38.17 -1.46 -0.19	38.48 -1.51 -0.27	40.83 -1.76 -0.66	39.34 -1.71 -0.24	40.38 -1.29 0.01	45.59 -0.81 1.05	50.15 -0.84 1.35	44.39 -1.05 0.00	36.14 -0.78 0.00	34.15 -1.02 0.00
STA_82____115KV_TB1 80780	28.13 -1.64 0.01	24.62 -1.43 0.01	23.01 -1.37 0.01	23.80 -1.25 0.01	23.71 -1.30 0.01	28.14 -1.76 1.00	37.46 -1.84 -0.06	37.57 -1.81 -0.01	39.73 -1.77 -0.27	40.08 -1.74 -0.43	40.61 -1.77 -0.35	39.30 -1.71 -0.34	37.57 -1.65 -0.04	37.29 -1.39 0.00	37.83 -1.81 -0.21	38.11 -1.91 -0.30	40.51 -2.14 -0.71	39.00 -2.08 -0.26	40.05 -1.63 0.01	45.22 -1.19 1.04	49.74 -1.26 1.34	44.07 -1.36 0.00	35.88 -1.03 0.00	33.93 -1.23 0.00
STEEL____WIND 323596	26.63 -3.13 0.02	23.33 -2.71 0.02	21.83 -2.54 0.02	22.59 -2.46 0.02	22.42 -2.58 0.02	25.84 -2.87 2.19	35.89 -2.90 0.46	35.94 -3.35 0.08	36.36 -2.84 2.03	35.37 -2.86 3.16	36.41 -3.03 2.59	35.25 -2.85 2.56	36.14 -2.82 0.22	35.36 -3.33 0.00	34.96 -2.92 1.56	34.46 -3.22 2.04	33.32 -3.69 4.93	35.49 -3.51 1.82	37.80 -3.88 0.01	42.86 -3.56 1.03	47.08 -3.93 1.33	42.12 -3.32 0.00	34.55 -2.36 0.00	32.56 -2.60 0.00
STEPHTWN_115KV_BK_2 55603	30.65 0.86 0.00	26.85 0.78 0.00	25.09 0.71 0.00	25.76 0.70 0.00	25.67 0.65 0.00	31.71 0.80 0.00	40.19 0.94 0.00	40.35 0.98 0.00	42.34 1.11 0.00	42.47 1.08 0.00	43.21 1.18 0.00	41.60 0.94 0.00	40.04 0.86 0.00	39.57 0.89 0.00	40.31 0.87 0.00	40.67 0.95 0.00	42.98 1.05 0.00	41.96 1.14 0.00	42.76 1.08 0.00	48.58 1.14 0.00	53.49 1.15 0.00	46.44 1.00 0.00	37.88 0.96 0.00	36.01 0.84 0.00
STEUBEN_REC_LFGE 323667	27.63 -2.08 0.07	24.18 -1.82 0.07	22.61 -1.71 0.07	23.29 -1.70 0.07	23.30 -1.65 0.07	31.93 -1.51 -2.54	39.41 -0.90 -1.07	38.23 -1.30 -0.16	44.66 -0.99 -4.42	47.40 -0.91 -6.92	46.38 -1.30 -5.66	45.31 -1.02 -5.67	38.11 -1.21 -0.15	37.04 -1.86 -0.22	41.80 -1.34 -3.70	43.34 -1.59 -5.21	52.01 -1.93 -12.00	43.68 -1.76 -4.62	39.90 -2.04 -0.26	45.24 -1.66 0.54	50.08 -1.62 0.64	44.26 -1.54 -0.37	35.74 -1.18 0.00	33.72 -1.44 0.00
STILLWATER____SOLAR 323814	31.09 1.31 0.00	27.24 1.17 0.00	25.49 1.10 0.00	26.16 1.10 0.00	26.10 1.08 0.00	32.20 1.30 0.00	40.93 1.69 0.00	41.06 1.69 0.00	43.00 1.77 0.00	43.05 1.66 0.00	43.79 1.76 0.00	42.17 1.51 0.00	40.58 1.41 0.00	40.07 1.39 0.00	40.90 1.46 0.00	41.23 1.51 0.00	43.74 1.80 0.00	42.77 1.96 0.00	43.64 1.96 0.00	49.81 2.37 0.00	54.74 2.41 0.00	47.62 2.18 0.00	38.73 1.81 0.00	36.75 1.58 0.00

STONY___BROOK 24151	32.29 2.50 -0.01	28.23 2.16 0.00	26.29 1.90 0.00	26.99 1.93 0.00	27.01 1.98 -0.01	33.42 2.50 -0.01	42.35 3.10 -0.01	45.34 3.39 -2.58	48.99 3.59 -4.17	48.95 3.73 -3.83	49.57 3.49 -4.06	49.74 3.37 -5.71	49.60 3.37 -7.06	49.60 3.25 -7.67	49.27 3.51 -6.32	48.41 3.58 -5.12	49.56 3.73 -3.90	50.18 3.71 -5.65	54.43 3.42 -9.33	66.53 3.84 -15.25	67.86 4.50 -11.02	59.01 3.82 -9.76	47.98 3.03 -8.04	43.52 2.74 -5.61
STURGEON_POOL_HYD 23609	31.24 1.46 0.00	27.32 1.25 0.00	25.58 1.19 0.00	26.19 1.13 0.00	26.12 1.10 0.00	32.33 1.42 0.00	40.93 1.69 0.00	41.33 1.97 0.00	43.29 2.06 0.00	43.59 2.19 0.00	44.17 2.14 0.00	42.73 2.07 0.00	41.29 2.12 0.00	40.73 2.05 0.00	41.61 2.17 0.00	41.90 2.18 0.00	44.28 2.35 0.00	43.14 2.33 0.00	43.77 2.08 0.00	49.67 2.23 0.00	55.11 2.77 0.00	47.66 2.23 0.00	38.58 1.66 0.00	36.54 1.37 0.00
ST_LAW_115_BK7_LBMP 345037	29.61 -0.18 0.00	25.91 -0.16 0.00	24.24 -0.15 0.00	24.94 -0.12 0.00	24.92 -0.10 0.00	30.78 -0.12 0.00	39.13 -0.12 0.00	39.29 -0.08 0.00	41.15 -0.08 0.00	41.31 -0.08 0.00	41.99 -0.04 0.00	40.62 -0.04 0.00	39.10 -0.08 0.00	38.65 -0.04 0.00	39.40 -0.04 0.00	39.68 -0.04 0.00	41.89 -0.04 0.00	40.65 -0.16 0.00	41.64 -0.04 0.00	47.25 -0.19 0.00	52.23 -0.10 0.00	45.35 -0.09 0.00	36.77 -0.15 0.00	35.06 -0.11 0.00
ST_LAW_115_BK8_LBMP 345038	29.61 -0.18 0.00	25.91 -0.16 0.00	24.24 -0.15 0.00	24.94 -0.12 0.00	24.92 -0.10 0.00	30.78 -0.12 0.00	39.13 -0.12 0.00	39.29 -0.08 0.00	41.15 -0.08 0.00	41.31 -0.08 0.00	41.99 -0.04 0.00	40.62 -0.04 0.00	39.10 -0.08 0.00	38.65 -0.04 0.00	39.40 -0.04 0.00	39.68 -0.04 0.00	41.89 -0.04 0.00	40.65 -0.16 0.00	41.64 -0.04 0.00	47.25 -0.19 0.00	52.23 -0.10 0.00	45.35 -0.09 0.00	36.77 -0.15 0.00	35.06 -0.11 0.00
ST_LAW_230_BK5_LBMP 345035	29.64 -0.15 0.00	25.91 -0.16 0.00	24.24 -0.15 0.00	24.94 -0.12 0.00	24.92 -0.10 0.00	30.78 -0.12 0.00	39.13 -0.12 0.00	39.29 -0.08 0.00	41.19 -0.04 0.00	41.31 -0.08 0.00	41.99 -0.04 0.00	40.62 -0.04 0.00	39.10 -0.08 0.00	38.65 -0.04 0.00	39.40 -0.04 0.00	39.68 -0.04 0.00	41.89 -0.04 0.00	40.69 -0.12 0.00	41.64 -0.04 0.00	47.30 -0.14 0.00	52.23 -0.10 0.00	45.35 -0.09 0.00	36.81 -0.11 0.00	35.09 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	29.64 -0.15 0.00	25.91 -0.16 0.00	24.24 -0.15 0.00	24.94 -0.12 0.00	24.92 -0.10 0.00	30.78 -0.12 0.00	39.13 -0.12 0.00	39.29 -0.08 0.00	41.19 -0.04 0.00	41.31 -0.08 0.00	41.99 -0.04 0.00	40.62 -0.04 0.00	39.10 -0.08 0.00	38.65 -0.04 0.00	39.40 -0.04 0.00	39.68 -0.04 0.00	41.89 -0.04 0.00	40.69 -0.12 0.00	41.64 -0.04 0.00	47.30 -0.14 0.00	52.23 -0.10 0.00	45.35 -0.09 0.00	36.81 -0.11 0.00	35.09 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.12 1.34 0.00	27.27 1.20 0.00	25.53 1.15 0.00	26.09 1.03 0.00	26.07 1.05 0.00	32.23 1.33 0.00	40.85 1.61 0.00	41.30 1.93 0.00	43.25 2.02 0.00	43.63 2.24 0.00	44.22 2.19 0.00	42.77 2.11 0.00	41.29 2.12 0.00	40.77 2.09 0.00	41.61 2.17 0.00	41.86 2.14 0.00	44.24 2.31 0.00	43.06 2.24 0.00	43.72 2.04 0.00	49.63 2.18 0.00	55.00 2.67 0.00	47.57 2.14 0.00	38.50 1.59 0.00	36.43 1.27 0.00
SWANROAD_115KV_TB1 355699	25.71 -4.05 0.02	22.63 -3.42 0.02	21.10 -3.27 0.02	21.94 -3.11 0.02	21.75 -3.25 0.02	24.68 -4.23 1.99	34.09 -4.75 0.40	34.50 -4.80 0.07	34.59 -4.74 1.90	33.59 -4.84 2.96	34.56 -5.04 2.42	33.47 -4.80 2.40	34.36 -4.58 0.23	34.16 -4.53 0.00	33.25 -4.73 1.46	32.59 -5.08 2.04	31.37 -5.62 4.94	33.61 -5.39 1.82	36.63 -5.04 0.01	41.67 -4.70 1.07	45.77 -5.18 1.39	40.85 -4.59 0.00	33.59 -3.32 0.00	31.58 -3.59 0.00
SYNERGY___BIOGAS 323694	27.29 -2.47 0.02	23.89 -2.16 0.02	22.35 -2.02 0.02	23.14 -1.90 0.02	22.98 -2.03 0.02	26.71 -2.57 1.63	36.47 -2.55 0.23	36.73 -2.60 0.04	37.66 -2.47 1.10	37.07 -2.61 1.71	37.86 -2.77 1.40	36.55 -2.72 1.39	36.04 -2.62 0.51	36.13 -2.55 0.00	35.83 -2.76 0.84	35.60 -2.94 1.18	35.76 -3.31 2.86	36.70 -3.06 1.05	38.96 -2.71 0.01	44.30 -2.09 1.05	48.72 -2.25 1.36	43.30 -2.14 0.00	35.44 -1.48 0.00	33.34 -1.83 0.00
SYRACUSE___ENERGY_ST1 323597	29.57 -0.21 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.89 -0.18 0.00	24.87 -0.15 0.00	30.75 -0.15 0.00	39.21 -0.04 0.00	39.13 -0.24 0.00	41.02 -0.21 0.00	41.39 -0.17 -0.17	41.92 -0.17 -0.06	40.93 -0.12 -0.39	39.02 -0.16 0.00	39.38 -0.19 -0.89	40.59 -0.20 -1.35	41.36 -0.16 -1.80	43.53 -0.29 -1.89	42.04 -0.29 -1.51	42.52 -0.29 -1.13	47.78 -0.24 -0.57	53.16 -0.16 -0.98	46.75 -0.27 -1.58	36.73 -0.18 0.00	35.02 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	29.57 -0.21 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.89 -0.18 0.00	24.87 -0.15 0.00	30.75 -0.15 0.00	39.21 -0.04 0.00	39.13 -0.24 0.00	41.02 -0.21 0.00	41.39 -0.17 -0.17	41.92 -0.17 -0.06	40.93 -0.12 -0.39	39.02 -0.16 0.00	39.38 -0.19 -0.89	40.59 -0.20 -1.35	41.36 -0.16 -1.80	43.53 -0.29 -1.89	42.04 -0.29 -1.51	42.52 -0.29 -1.13	47.78 -0.24 -0.57	53.16 -0.16 -0.98	46.75 -0.27 -1.58	36.73 -0.18 0.00	35.02 -0.14 0.00
SYRACUSE___POWER 24017	29.58 -0.21 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.89 -0.18 0.00	24.85 -0.18 0.00	30.72 -0.19 0.00	39.17 -0.08 0.00	39.13 -0.24 0.00	41.02 -0.21 0.00	41.35 -0.17 -0.12	41.86 -0.21 -0.04	40.82 -0.12 -0.28	39.02 -0.16 0.00	39.14 -0.19 -0.64	40.22 -0.20 -0.98	40.82 -0.20 -1.30	43.05 -0.25 -1.37	41.62 -0.29 -1.09	42.20 -0.29 -0.81	47.32 -0.24 -0.11	52.50 -0.16 -0.32	46.31 -0.27 -1.14	36.70 -0.22 0.00	34.99 -0.18 0.00
TALLMAN__138KV_BK151 55660	31.30 1.52 0.00	27.40 1.33 0.00	25.63 1.24 0.00	26.22 1.15 0.00	26.20 1.18 0.00	32.39 1.48 0.00	41.05 1.81 0.00	41.57 2.20 0.00	43.50 2.27 0.00	43.92 2.52 0.00	44.51 2.48 0.00	43.10 2.44 0.00	41.60 2.43 0.00	41.04 2.36 0.00	41.92 2.48 0.00	42.18 2.46 0.00	44.53 2.60 0.00	43.35 2.53 0.00	44.02 2.33 0.00	49.86 2.42 0.00	55.32 2.98 0.00	47.85 2.41 0.00	38.69 1.77 0.00	36.57 1.41 0.00
TEALLAVE_115KV_TB7 355573	29.49 -0.30 0.00	25.81 -0.26 0.00	24.12 -0.27 0.00	24.81 -0.25 0.00	24.77 -0.25 0.00	30.63 -0.28 0.00	39.05 -0.20 0.00	39.01 -0.35 0.00	40.90 -0.33 0.00	41.21 -0.29 -0.11	41.77 -0.29 -0.04	40.68 -0.24 -0.26	38.94 -0.24 0.00	39.01 -0.27 -0.59	40.03 -0.32 -0.90	40.64 -0.28 -1.20	42.77 -0.42 -1.26	41.41 -0.41 -1.01	41.93 -0.50 -0.75	46.94 -0.47 0.02	52.05 -0.42 -0.13	45.99 -0.50 -1.05	36.55 -0.37 0.00	34.81 -0.35 0.00
TELGRAPH_34_KV_EAST 80808	26.64 -3.13 0.02	23.39 -2.66 0.02	21.83 -2.54 0.02	22.64 -2.41 0.02	22.48 -2.53 0.02	25.88 -3.25 1.78	35.50 -3.45 0.30	35.81 -3.50 0.05	36.43 -3.38 1.42	35.70 -3.48 2.22	36.56 -3.66 1.82	35.37 -3.50 1.80	35.56 -3.37 0.24	35.36 -3.33 0.00	34.84 -3.51 1.09	34.46 -3.73 1.53	34.04 -4.19 3.70	35.49 -3.96 1.36	38.00 -3.67 0.01	43.20 -3.18 1.06	47.51 -3.45 1.37	42.26 -3.18 0.00	34.67 -2.25 0.00	32.63 -2.53 0.00

TEMPLE___115KV_TB 2 55572	29.49 -0.30 0.00	25.81 -0.26 0.00	24.14 -0.24 0.00	24.81 -0.25 0.00	24.77 -0.25 0.00	30.63 -0.28 0.00	39.05 -0.20 0.00	39.01 -0.35 0.00	40.90 -0.33 0.00	41.25 -0.25 -0.11	41.77 -0.29 -0.04	40.71 -0.20 -0.26	38.94 -0.24 0.00	39.00 -0.27 -0.59	40.06 -0.28 -0.89	40.63 -0.28 -1.19	42.80 -0.38 -1.25	41.40 -0.41 -1.00	41.92 -0.50 -0.74	46.98 -0.43 0.03	52.04 -0.42 -0.12	46.02 -0.45 -1.04	36.55 -0.37 0.00	34.85 -0.32 0.00
TIANA___69_KV_BK 1 55817	32.24 2.44 -0.01	28.15 2.09 0.00	26.22 1.83 0.00	26.94 1.88 0.00	26.98 1.95 -0.01	33.39 2.47 -0.01	42.35 3.10 -0.01	45.60 3.66 -2.57	49.18 3.79 -4.16	49.14 3.93 -3.82	49.77 3.70 -4.04	49.97 3.62 -5.69	49.85 3.64 -7.03	49.93 3.60 -7.64	49.60 3.87 -6.30	48.67 3.85 -5.10	49.93 4.11 -3.89	50.57 4.12 -5.63	55.09 3.88 -9.53	67.84 4.41 -15.99	69.35 5.18 -11.83	59.96 4.36 -10.16	48.33 3.40 -8.01	43.82 3.06 -5.59
TILDEN___115KV_TB1 80814	29.58 -0.21 0.00	25.89 -0.18 0.00	24.22 -0.17 0.00	24.89 -0.18 0.00	24.85 -0.18 0.00	30.72 -0.19 0.00	39.17 -0.08 0.00	39.13 -0.24 0.00	41.02 -0.21 0.00	41.35 -0.17 -0.12	41.86 -0.21 -0.04	40.82 -0.12 -0.28	39.02 -0.16 0.00	39.14 -0.19 -0.64	40.22 -0.20 -0.98	40.82 -0.20 -1.30	43.05 -0.25 -1.37	41.62 -0.29 -1.09	42.20 -0.29 -0.81	47.32 -0.24 -0.11	52.50 -0.16 -0.32	46.31 -0.27 -1.14	36.70 -0.22 0.00	34.99 -0.18 0.00
TRIGEN___CC 323695	31.80 2.00 -0.02	27.89 1.82 0.00	26.02 1.63 0.00	26.69 1.63 0.00	26.69 1.65 -0.02	32.96 2.04 -0.02	41.70 2.43 -0.02	46.58 2.76 -4.45	51.27 2.84 -7.20	51.06 3.06 -6.60	51.97 2.94 -7.00	53.30 2.81 -9.84	54.16 2.82 -12.17	54.61 2.71 -13.22	53.25 2.92 -10.89	51.48 2.94 -8.82	51.71 3.06 -6.72	53.54 2.98 -9.74	59.26 2.71 -14.87	72.40 2.94 -22.02	70.32 3.56 -14.42	62.76 2.86 -14.46	53.03 2.25 -13.86	46.78 1.93 -9.68
TRINITY___115KV___ 4 BK 55933	30.44 0.66 0.00	26.67 0.60 0.00	24.92 0.54 0.00	25.59 0.53 0.00	25.50 0.48 0.00	31.46 0.56 0.00	39.79 0.55 0.00	40.00 0.63 0.00	41.93 0.70 0.00	42.05 0.66 0.00	42.74 0.71 0.00	41.23 0.57 0.00	39.72 0.55 0.00	39.23 0.54 0.00	39.99 0.55 0.00	40.31 0.60 0.00	42.65 0.71 0.00	41.59 0.78 0.00	42.35 0.67 0.00	48.11 0.66 0.00	52.96 0.63 0.00	46.03 0.59 0.00	37.54 0.63 0.00	35.73 0.56 0.00
UNION___PROCESSING_DRP 323587	28.13 -1.64 0.01	24.62 -1.43 0.01	23.03 -1.34 0.01	23.80 -1.25 0.01	23.71 -1.30 0.01	28.11 -1.76 1.04	37.49 -1.81 -0.05	37.60 -1.77 -0.01	39.71 -1.77 -0.25	40.05 -1.74 -0.40	40.63 -1.72 -0.33	39.27 -1.71 -0.32	37.57 -1.65 -0.04	37.29 -1.39 0.00	37.86 -1.77 -0.19	38.13 -1.87 -0.28	40.46 -2.14 -0.67	38.98 -2.08 -0.25	40.05 -1.63 0.01	45.23 -1.19 1.03	49.75 -1.26 1.33	44.07 -1.36 0.00	35.88 -1.03 0.00	33.93 -1.23 0.00
UPPER HUDSON___HYD 24058	31.27 1.49 0.00	27.37 1.30 0.00	25.65 1.27 0.00	26.37 1.30 0.00	26.27 1.25 0.00	32.33 1.42 0.00	41.21 1.96 0.00	41.26 1.89 0.00	43.04 1.81 0.00	43.13 1.74 0.00	43.88 1.85 0.00	42.17 1.51 0.00	40.51 1.33 0.00	40.19 1.51 0.00	40.98 1.54 0.00	41.31 1.59 0.00	44.03 2.10 0.00	43.14 2.33 0.00	44.14 2.46 0.00	50.43 2.99 0.00	55.42 3.09 0.00	48.12 2.68 0.00	39.13 2.21 0.00	37.13 1.97 0.00
UPPER RAQUET___HYD 24056	29.46 -0.33 0.00	25.73 -0.34 0.00	24.10 -0.29 0.00	24.81 -0.25 0.00	24.82 -0.20 0.00	30.54 -0.37 0.00	38.93 -0.32 0.00	39.13 -0.23 0.00	40.78 -0.45 0.00	40.76 -0.66 -0.03	41.41 -0.63 -0.01	39.76 -0.98 -0.08	38.16 -1.02 0.00	37.85 -1.01 -0.17	38.80 -0.91 -0.27	39.16 -0.91 -0.35	41.21 -1.09 -0.37	39.68 -1.43 -0.30	40.70 -1.21 -0.23	46.18 -1.38 -0.11	51.17 -1.36 -0.20	44.62 -1.13 -0.31	36.07 -0.85 0.00	34.60 -0.56 0.00
VALLEY44_115KV_TB2 355964	27.41 -2.35 0.02	23.91 -2.14 0.02	22.41 -1.95 0.02	22.81 -2.23 0.02	22.79 -2.20 0.02	27.24 -1.61 2.06	37.76 -1.06 0.43	37.64 -1.65 0.07	38.22 -1.11 1.90	37.32 -1.12 2.95	37.80 -1.81 2.42	37.09 -1.18 2.39	37.56 -1.41 0.20	35.40 -3.29 0.00	36.65 -1.34 1.45	35.88 -1.79 2.05	35.02 -1.97 4.94	37.24 -1.76 1.82	38.05 -3.63 0.01	42.78 -3.70 0.96	47.17 -3.93 1.24	42.48 -2.95 0.00	34.63 -2.29 0.00	32.77 -2.39 0.00
VALLEY___115KV_TB 1-4 80826	29.72 -0.06 0.00	26.07 0.00 0.00	24.39 0.00 0.00	25.06 0.00 0.00	25.02 0.00 0.00	30.97 0.06 0.00	39.28 0.04 0.00	39.48 0.12 0.00	41.31 0.08 0.00	41.43 0.04 0.00	42.11 0.08 0.00	40.90 0.24 0.00	39.41 0.24 0.00	38.84 0.15 0.00	39.56 0.12 0.00	39.76 0.04 0.00	41.98 0.04 0.00	40.69 -0.12 0.00	41.47 -0.21 0.00	47.21 -0.24 0.00	52.07 -0.26 0.00	45.26 -0.18 0.00	36.88 -0.04 0.00	35.16 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.08 2.29 -0.01	28.13 2.06 -0.01	26.27 1.88 -0.01	27.05 1.98 -0.01	27.00 1.98 -0.01	33.22 2.60 0.28	42.92 3.73 0.06	43.57 4.21 0.01	45.11 4.12 0.25	45.11 4.06 0.33	45.81 4.08 0.30	45.19 4.72 0.19	43.54 4.39 0.03	42.64 3.67 -0.28	43.65 3.98 -0.23	43.87 3.85 -0.29	46.07 4.19 0.06	44.88 3.84 -0.23	45.73 3.71 -0.34	52.04 4.65 0.05	57.57 5.23 0.00	50.46 4.54 -0.48	40.31 3.40 0.00	38.33 3.16 0.00
VISCHER___FERRY HYD 24020	30.83 1.04 0.00	27.01 0.94 0.00	25.24 0.85 0.00	25.92 0.85 0.00	25.85 0.82 0.00	31.92 1.02 0.00	40.46 1.22 0.00	40.63 1.26 0.00	42.63 1.40 0.00	42.59 1.20 0.00	43.33 1.30 0.00	41.80 1.14 0.00	40.27 1.10 0.00	39.77 1.08 0.00	40.58 1.14 0.00	40.91 1.19 0.00	43.36 1.43 0.00	42.33 1.51 0.00	43.14 1.46 0.00	49.10 1.66 0.00	53.90 1.57 0.00	46.98 1.55 0.00	38.21 1.29 0.00	36.32 1.16 0.00
V_A_10_SYNC_DSASP 323832	26.61 -3.16 0.02	23.39 -2.66 0.02	21.81 -2.56 0.02	22.69 -2.36 0.02	22.53 -2.48 0.02	25.46 -3.40 2.05	35.04 -3.81 0.40	35.52 -3.78 0.07	35.55 -3.88 1.81	34.69 -3.89 2.81	35.77 -3.95 2.31	34.52 -3.86 2.28	35.26 -3.72 0.19	35.43 -3.25 0.00	34.23 -3.83 1.38	33.72 -4.05 1.95	32.73 -4.49 4.72	34.75 -4.33 1.74	38.05 -3.63 0.01	43.39 -3.08 0.97	47.73 -3.35 1.25	42.21 -3.23 0.00	34.52 -2.40 0.00	32.56 -2.60 0.00
V_CMM_10_SYNC_DSASP 323787	29.99 0.21 0.00	26.23 0.16 0.00	24.53 0.15 0.00	25.24 0.18 0.00	25.25 0.23 0.00	31.15 0.25 0.00	39.60 0.35 0.00	39.76 0.39 0.00	41.73 0.49 0.00	41.93 0.54 0.00	42.62 0.59 0.00	41.31 0.65 0.00	39.76 0.59 0.00	39.23 0.54 0.00	40.11 0.67 0.00	40.35 0.64 0.00	42.56 0.63 0.00	41.22 0.41 0.00	42.22 0.54 0.00	47.87 0.43 0.00	52.44 0.10 0.00	45.94 0.50 0.00	37.25 0.33 0.00	35.55 0.39 0.00
V_CMP_10_SYNC_DSASP 323788	29.90 0.12 0.00	26.15 0.08 0.00	24.46 0.07 0.00	25.19 0.13 0.00	25.20 0.18 0.00	31.15 0.25 0.00	39.68 0.43 0.00	39.88 0.51 0.00	41.85 0.62 0.00	41.97 0.58 0.00	42.66 0.63 0.00	41.27 0.61 0.00	39.72 0.55 0.00	39.23 0.54 0.00	40.03 0.59 0.00	40.31 0.60 0.00	42.52 0.59 0.00	41.30 0.49 0.00	42.31 0.63 0.00	48.01 0.57 0.00	53.02 0.68 0.00	46.07 0.64 0.00	37.29 0.37 0.00	35.55 0.39 0.00

V_D_10_SYNC_DSASP 323841	29.87 0.09 0.00	26.09 0.03 0.00	24.41 0.02 0.00	25.14 0.08 0.00	25.12 0.10 0.00	31.03 0.12 0.00	39.44 0.20 0.00	39.64 0.28 0.00	41.56 0.33 0.00	41.68 0.29 0.00	42.37 0.34 0.00	40.99 0.33 0.00	39.45 0.27 0.00	38.95 0.27 0.00	39.79 0.35 0.00	40.08 0.36 0.00	42.27 0.34 0.00	40.94 0.12 0.00	41.97 0.29 0.00	47.63 0.19 0.00	52.55 0.21 0.00	45.71 0.27 0.00	37.06 0.15 0.00	35.38 0.21 0.00
V_E_10_SYNC_DSASP 323830	31.78 1.97 -0.03	27.87 1.77 -0.03	26.03 1.61 -0.03	26.80 1.70 -0.03	26.80 1.75 -0.03	33.08 2.32 0.14	42.70 3.45 0.00	43.07 3.70 0.00	44.65 3.42 0.00	44.65 3.19 -0.07	45.16 3.11 -0.02	44.49 3.66 -0.17	42.41 3.25 0.02	41.70 2.63 -0.38	42.82 2.80 -0.58	43.15 2.66 -0.77	45.76 3.02 -0.81	44.36 2.90 -0.65	45.10 2.96 -0.46	51.30 3.89 0.03	56.84 4.45 -0.06	49.90 3.82 -0.65	39.69 2.77 0.00	37.66 2.50 0.00
V_F_30_NSYNC___DSASP 323816	31.12 1.34 0.00	27.24 1.17 0.00	25.48 1.10 0.00	26.19 1.13 0.00	26.10 1.08 0.00	32.23 1.33 0.00	40.97 1.73 0.00	41.14 1.77 0.00	43.05 1.81 0.00	43.13 1.74 0.00	43.88 1.85 0.00	42.25 1.59 0.00	40.62 1.45 0.00	40.15 1.47 0.00	40.98 1.54 0.00	41.31 1.59 0.00	43.78 1.85 0.00	42.82 2.00 0.00	43.68 2.00 0.00	49.86 2.42 0.00	54.85 2.51 0.00	47.62 2.18 0.00	38.73 1.81 0.00	36.78 1.62 0.00
V_F_30_SYNC_DSASP 323786	30.50 0.71 0.00	26.72 0.65 0.00	25.00 0.61 0.00	25.66 0.60 0.00	25.57 0.55 0.00	31.52 0.62 0.00	39.91 0.67 0.00	40.11 0.75 0.00	42.10 0.87 0.00	42.22 0.83 0.00	42.95 0.92 0.00	41.39 0.73 0.00	39.88 0.71 0.00	39.38 0.70 0.00	40.15 0.71 0.00	40.47 0.75 0.00	42.77 0.84 0.00	41.71 0.90 0.00	42.51 0.83 0.00	48.25 0.81 0.00	53.12 0.79 0.00	46.17 0.73 0.00	37.66 0.74 0.00	35.80 0.63 0.00
V_XM_10_SYNC_DSASP 323789	29.90 0.12 0.00	26.15 0.08 0.00	24.46 0.07 0.00	25.19 0.13 0.00	25.20 0.18 0.00	31.15 0.25 0.00	39.68 0.43 0.00	39.88 0.51 0.00	41.85 0.62 0.00	41.97 0.58 0.00	42.66 0.63 0.00	41.27 0.61 0.00	39.72 0.55 0.00	39.23 0.54 0.00	40.03 0.59 0.00	40.31 0.60 0.00	42.52 0.59 0.00	41.30 0.49 0.00	42.31 0.63 0.00	48.01 0.57 0.00	53.02 0.68 0.00	46.07 0.64 0.00	37.29 0.37 0.00	35.55 0.39 0.00
W.BABYLN_69_KV_BK1 56697	32.33 2.53 -0.01	28.28 2.22 0.00	26.34 1.95 0.00	27.04 1.98 0.00	27.06 2.03 -0.01	33.48 2.57 -0.01	42.43 3.18 -0.01	45.71 3.54 -2.81	49.43 3.67 -4.53	49.40 3.85 -4.16	50.09 3.66 -4.41	50.35 3.50 -6.20	50.33 3.49 -7.67	50.38 3.37 -8.33	49.93 3.63 -6.86	48.93 3.65 -5.56	49.98 3.82 -4.23	50.75 3.80 -6.14	54.89 3.54 -9.66	66.33 3.99 -14.90	67.23 4.71 -10.19	58.98 3.86 -9.68	48.71 3.06 -8.73	43.97 2.71 -6.10
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.36 1.58 0.00	27.45 1.38 0.00	25.70 1.32 0.00	26.27 1.20 0.00	26.25 1.23 0.00	32.45 1.55 0.00	41.17 1.92 0.00	41.65 2.28 0.00	43.62 2.39 0.00	44.04 2.65 0.00	44.64 2.61 0.00	43.18 2.52 0.00	41.72 2.55 0.00	41.16 2.48 0.00	42.04 2.60 0.00	42.30 2.58 0.00	44.66 2.73 0.00	43.47 2.65 0.00	44.10 2.42 0.00	50.00 2.56 0.00	55.48 3.14 0.00	47.98 2.54 0.00	38.80 1.88 0.00	36.68 1.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.54 1.76 0.00	27.63 1.56 0.00	25.85 1.46 0.00	26.47 1.40 0.00	26.40 1.38 0.00	32.64 1.73 0.00	41.32 2.08 0.00	41.96 2.60 0.00	43.95 2.72 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.07 2.90 0.00	41.47 2.79 0.00	42.40 2.96 0.00	42.62 2.90 0.00	44.95 3.02 0.00	43.79 2.98 0.00	44.35 2.67 0.00	50.24 2.80 0.00	55.84 3.51 0.00	48.16 2.73 0.00	38.91 1.99 0.00	36.71 1.55 0.00
W50THST__13_KV_LOAD 356117	31.66 1.88 0.00	27.74 1.67 0.00	25.95 1.56 0.00	26.57 1.50 0.00	26.50 1.48 0.00	32.79 1.89 0.00	41.52 2.28 0.00	42.16 2.80 0.00	44.20 2.97 0.00	44.70 3.31 0.00	45.27 3.24 0.00	43.79 3.13 0.00	42.35 3.17 0.00	41.70 3.02 0.00	42.67 3.23 0.00	42.90 3.18 0.00	45.25 3.31 0.00	44.04 3.22 0.00	44.60 2.92 0.00	50.53 3.08 0.00	56.10 3.77 0.00	48.39 2.95 0.00	39.10 2.18 0.00	36.89 1.72 0.00
WADING RIVER_IC_1 23522	32.26 2.47 -0.01	28.18 2.11 0.00	26.27 1.88 0.00	26.97 1.90 0.00	26.98 1.95 -0.01	33.42 2.50 -0.01	42.32 3.06 -0.01	45.36 3.42 -2.57	48.97 3.59 -4.16	48.97 3.77 -3.82	49.56 3.49 -4.04	49.72 3.37 -5.68	49.61 3.41 -7.03	49.65 3.33 -7.64	49.32 3.59 -6.30	48.47 3.65 -5.10	49.63 3.82 -3.88	50.24 3.80 -5.63	54.76 3.54 -9.53	67.48 4.03 -16.01	68.85 4.66 -11.86	59.66 4.04 -10.18	48.10 3.18 -8.01	43.60 2.85 -5.59
WADING RIVER_IC_2 23547	32.26 2.47 -0.01	28.18 2.11 0.00	26.27 1.88 0.00	26.97 1.90 0.00	26.98 1.95 -0.01	33.42 2.50 -0.01	42.32 3.06 -0.01	45.36 3.42 -2.57	48.97 3.59 -4.16	48.97 3.77 -3.82	49.56 3.49 -4.04	49.72 3.37 -5.68	49.61 3.41 -7.03	49.65 3.33 -7.64	49.32 3.59 -6.30	48.47 3.65 -5.10	49.63 3.82 -3.88	50.24 3.80 -5.63	54.76 3.54 -9.53	67.48 4.03 -16.01	68.85 4.66 -11.86	59.66 4.04 -10.18	48.10 3.18 -8.01	43.60 2.85 -5.59
WADING RIVER_IC_3 23601	32.26 2.47 -0.01	28.18 2.11 0.00	26.27 1.88 0.00	26.97 1.90 0.00	26.98 1.95 -0.01	33.42 2.50 -0.01	42.32 3.06 -0.01	45.36 3.42 -2.57	48.97 3.59 -4.16	48.97 3.77 -3.82	49.56 3.49 -4.04	49.72 3.37 -5.68	49.61 3.41 -7.03	49.65 3.33 -7.64	49.32 3.59 -6.30	48.47 3.65 -5.10	49.63 3.82 -3.88	50.24 3.80 -5.63	54.76 3.54 -9.53	67.48 4.03 -16.01	68.85 4.66 -11.86	59.66 4.04 -10.18	48.10 3.18 -8.01	43.60 2.85 -5.59
WALDENNY_12_KV_BK2 80841	26.60 -3.16 0.02	23.36 -2.69 0.02	21.80 -2.56 0.02	22.56 -2.48 0.02	22.40 -2.60 0.02	25.73 -3.00 2.17	35.69 -3.10 0.45	36.02 -3.27 0.08	36.27 -2.93 2.03	35.29 -2.94 3.17	36.28 -3.15 2.59	35.17 -2.93 2.57	36.02 -2.94 0.22	35.32 -3.37 0.00	34.88 -3.00 1.56	34.19 -3.34 2.19	32.82 -3.82 5.30	35.23 -3.63 1.95	37.76 -3.92 0.01	42.90 -3.51 1.03	47.13 -3.87 1.34	42.08 -3.36 0.00	34.55 -2.36 0.00	32.56 -2.60 0.00
WALDEN___HYDRO 24148	31.27 1.49 0.00	27.37 1.30 0.00	25.63 1.24 0.00	26.22 1.15 0.00	26.17 1.15 0.00	32.36 1.45 0.00	41.01 1.77 0.00	41.45 2.09 0.00	43.42 2.19 0.00	43.75 2.36 0.00	44.34 2.31 0.00	42.90 2.24 0.00	41.41 2.23 0.00	40.89 2.20 0.00	41.77 2.33 0.00	42.02 2.30 0.00	44.41 2.47 0.00	43.26 2.45 0.00	43.93 2.25 0.00	49.86 2.42 0.00	55.32 2.98 0.00	47.80 2.36 0.00	38.69 1.77 0.00	36.57 1.41 0.00
WARRENSBURG____ 23737	31.27 1.49 0.00	27.37 1.30 0.00	25.66 1.27 0.00	26.37 1.30 0.00	26.27 1.25 0.00	32.33 1.42 0.00	41.21 1.96 0.00	41.30 1.93 0.00	43.05 1.81 0.00	43.09 1.70 0.00	43.88 1.85 0.00	42.16 1.50 0.00	40.51 1.33 0.00	40.19 1.51 0.00	40.98 1.54 0.00	41.35 1.63 0.00	44.03 2.10 0.00	43.14 2.33 0.00	44.14 2.46 0.00	50.43 2.99 0.00	55.48 3.14 0.00	48.12 2.68 0.00	39.13 2.22 0.00	37.13 1.97 0.00

WATERSIDE___6 8 9 23538	31.64 1.85 -0.01	27.72 1.64 -0.01	25.93 1.54 -0.01	26.55 1.48 -0.01	26.48 1.45 -0.01	32.71 1.79 -0.01	41.21 1.96 0.00	41.85 2.48 0.00	43.95 2.72 0.00	44.41 3.02 0.00	44.97 2.94 0.00	43.51 2.85 0.00	42.07 2.90 0.00	41.47 2.79 0.00	42.36 2.92 0.00	42.58 2.86 0.00	44.91 2.98 0.00	43.75 2.94 0.00	44.31 2.63 0.00	50.15 2.70 0.00	55.63 3.30 0.00	48.07 2.64 0.00	38.84 1.92 0.00	36.75 1.58 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.60 -0.18 0.00	25.99 -0.08 0.00	24.31 -0.07 0.00	24.99 -0.08 0.00	24.97 -0.05 0.00	30.91 0.00 0.00	39.13 -0.12 0.00	39.33 -0.04 0.00	41.07 -0.16 0.00	41.23 -0.17 0.00	41.86 -0.17 0.00	40.74 0.08 0.00	39.21 0.04 0.00	38.65 -0.04 0.00	39.32 -0.12 0.00	39.56 -0.16 0.00	41.72 -0.21 0.00	40.41 -0.41 0.00	41.18 -0.50 0.00	46.87 -0.57 0.00	51.76 -0.58 0.00	44.94 -0.50 0.00	36.70 -0.22 0.00	35.02 -0.14 0.00
WDELAWARE___HYD 323627	31.54 1.76 0.00	27.61 1.54 0.00	25.85 1.46 0.00	26.44 1.38 0.00	26.37 1.35 0.00	32.67 1.76 0.00	41.48 2.24 0.00	41.85 2.48 0.00	43.91 2.68 0.00	44.17 2.77 0.00	44.72 2.69 0.00	43.30 2.64 0.00	41.80 2.63 0.00	41.28 2.59 0.00	42.16 2.72 0.00	42.42 2.70 0.00	44.87 2.93 0.00	43.71 2.90 0.00	44.39 2.71 0.00	50.43 2.99 0.00	55.90 3.56 0.00	48.35 2.91 0.00	39.09 2.18 0.00	36.96 1.79 0.00
WEST BABYLON___IC 23714	32.33 2.53 -0.01	28.28 2.22 0.00	26.34 1.95 0.00	27.04 1.98 0.00	27.06 2.03 -0.01	33.48 2.57 -0.01	42.43 3.18 -0.01	45.71 3.54 -2.81	49.43 3.67 -4.53	49.40 3.85 -4.16	50.09 3.66 -4.41	50.35 3.50 -6.20	50.33 3.49 -7.67	50.38 3.37 -8.33	49.93 3.63 -6.86	48.93 3.65 -5.56	49.98 3.82 -4.23	50.75 3.80 -6.14	54.89 3.54 -9.66	66.33 3.99 -14.90	67.23 4.71 -10.19	58.98 3.86 -9.68	48.71 3.06 -8.73	43.97 2.71 -6.10
WEST CANADA___HYD 24049	29.87 0.09 0.00	26.15 0.08 0.00	24.46 0.07 0.00	25.14 0.08 0.00	25.07 0.05 0.00	30.97 0.06 0.00	39.32 0.08 0.00	39.45 0.08 0.00	41.31 0.08 0.00	41.47 0.08 0.00	42.11 0.08 0.00	40.74 0.08 0.00	39.25 0.08 0.00	38.76 0.08 0.00	39.52 0.08 0.00	39.80 0.08 0.00	42.06 0.13 0.00	40.94 0.12 0.00	41.76 0.08 0.00	47.54 0.10 0.00	52.44 0.10 0.00	45.53 0.09 0.00	36.99 0.07 0.00	35.24 0.07 0.00
WESTERN_NY_WIND 24143	27.21 -2.56 0.02	23.84 -2.22 0.02	22.27 -2.10 0.02	23.07 -1.98 0.02	22.93 -2.08 0.02	26.56 -2.66 1.69	36.32 -2.67 0.25	36.61 -2.72 0.04	37.45 -2.56 1.22	36.75 -2.73 1.91	37.57 -2.90 1.56	36.27 -2.85 1.55	35.98 -2.74 0.45	36.01 -2.67 0.00	35.66 -2.84 0.94	35.34 -3.06 1.32	35.31 -3.44 3.19	36.46 -3.18 1.17	38.84 -2.83 0.01	44.16 -2.23 1.06	48.56 -2.41 1.36	43.17 -2.27 0.00	35.33 -1.59 0.00	33.23 -1.93 0.00
WESTOVER___LESR 323668	29.87 0.09 0.01	26.14 0.08 0.01	24.45 0.07 0.01	25.11 0.05 0.01	25.07 0.05 0.01	30.65 0.19 0.44	39.62 0.47 0.10	39.78 0.43 0.02	41.30 0.49 0.43	41.33 0.54 0.60	41.93 0.42 0.52	40.84 0.57 0.39	39.61 0.47 0.04	39.29 0.27 -0.34	40.06 0.43 -0.19	40.34 0.40 -0.23	41.92 0.38 0.39	41.35 0.37 -0.17	42.35 0.25 -0.42	47.81 0.43 0.06	52.92 0.58 -0.01	46.48 0.45 -0.59	37.21 0.30 0.00	35.38 0.21 0.00
WETHRSFD_WT_PWR 323626	26.78 -2.98 0.03	23.49 -2.55 0.03	21.94 -2.41 0.03	22.68 -2.36 0.03	22.59 -2.40 0.03	24.92 -2.66 3.33	35.74 -2.59 0.91	36.19 -3.03 0.15	34.63 -2.68 3.92	32.64 -2.65 6.10	34.08 -2.94 5.00	32.99 -2.72 4.94	36.24 -2.67 0.27	35.51 -3.17 0.00	33.60 -2.84 3.00	32.53 -3.10 4.10	28.55 -3.48 9.90	33.86 -3.30 3.65	38.13 -3.54 0.01	43.38 -3.13 0.93	47.78 -3.35 1.20	42.53 -2.91 0.00	34.78 -2.14 0.00	32.81 -2.36 0.00
WHAVSTOR_138KV_BK127 55557	31.27 1.49 0.00	27.37 1.30 0.00	25.63 1.24 0.00	26.22 1.15 0.00	26.20 1.18 0.00	32.36 1.45 0.00	41.01 1.77 0.00	41.53 2.17 0.00	43.50 2.27 0.00	43.88 2.48 0.00	44.47 2.44 0.00	43.02 2.36 0.00	41.57 2.39 0.00	41.01 2.32 0.00	41.88 2.45 0.00	42.14 2.42 0.00	44.49 2.56 0.00	43.30 2.49 0.00	43.97 2.29 0.00	49.81 2.37 0.00	55.27 2.93 0.00	47.80 2.36 0.00	38.65 1.74 0.00	36.54 1.37 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.27 1.49 0.00	27.37 1.30 0.00	25.63 1.24 0.00	26.22 1.15 0.00	26.20 1.18 0.00	32.36 1.45 0.00	41.01 1.77 0.00	41.53 2.17 0.00	43.50 2.27 0.00	43.88 2.48 0.00	44.47 2.44 0.00	43.02 2.36 0.00	41.57 2.39 0.00	41.01 2.32 0.00	41.88 2.45 0.00	42.14 2.42 0.00	44.49 2.56 0.00	43.30 2.49 0.00	43.97 2.29 0.00	49.81 2.37 0.00	55.27 2.93 0.00	47.80 2.36 0.00	38.65 1.74 0.00	36.54 1.37 0.00
WHITEHAL_115KV_TB1 80871	31.66 1.88 0.00	27.74 1.67 0.00	25.95 1.56 0.00	26.69 1.63 0.00	26.60 1.58 0.00	32.79 1.89 0.00	41.95 2.71 0.00	42.00 2.64 0.00	43.75 2.52 0.00	43.75 2.36 0.00	44.51 2.48 0.00	42.69 2.03 0.00	40.94 1.76 0.00	40.58 1.90 0.00	41.37 1.93 0.00	41.78 2.07 0.00	44.49 2.56 0.00	43.71 2.90 0.00	44.81 3.13 0.00	51.33 3.89 0.00	56.47 4.13 0.00	48.94 3.50 0.00	39.76 2.84 0.00	37.66 2.50 0.00
WHITEPLN_13_KV_LOAD 356215	31.60 1.82 0.00	27.66 1.59 0.00	25.87 1.49 0.00	26.49 1.43 0.00	26.42 1.40 0.00	32.67 1.76 0.00	41.44 2.20 0.00	42.00 2.64 0.00	44.08 2.84 0.00	44.54 3.15 0.00	45.10 3.07 0.00	43.63 2.97 0.00	42.11 2.94 0.00	41.55 2.86 0.00	42.44 3.00 0.00	42.70 2.98 0.00	45.04 3.10 0.00	43.88 3.06 0.00	44.52 2.83 0.00	50.43 2.99 0.00	55.89 3.56 0.00	48.30 2.86 0.00	39.06 2.14 0.00	36.89 1.72 0.00
WM_FLOYD_69_KV_BK2 356380	32.30 2.50 -0.01	28.23 2.16 0.00	26.29 1.90 0.00	26.99 1.93 0.00	27.01 1.98 -0.01	33.45 2.53 -0.01	42.39 3.14 -0.01	45.45 3.50 -2.58	49.03 3.63 -4.17	48.98 3.77 -3.82	49.61 3.53 -4.05	49.73 3.37 -5.69	49.59 3.37 -7.04	49.63 3.29 -7.66	49.30 3.55 -6.31	48.40 3.57 -5.11	49.60 3.77 -3.89	50.25 3.80 -5.64	54.73 3.54 -9.51	67.32 3.99 -15.89	68.77 4.71 -11.73	59.55 4.00 -10.11	48.12 3.17 -8.02	43.62 2.85 -5.60
WOODARD___115KV_TB2 355635	29.46 -0.33 0.00	25.78 -0.29 0.00	24.12 -0.27 0.00	24.79 -0.28 0.00	24.77 -0.25 0.00	30.60 -0.31 0.00	39.01 -0.24 0.00	38.93 -0.43 0.00	40.82 -0.41 0.00	41.20 -0.33 -0.14	41.70 -0.38 -0.05	40.66 -0.33 -0.32	38.86 -0.31 0.00	39.07 -0.35 -0.73	40.20 -0.35 -1.12	40.84 -0.36 -1.48	43.03 -0.46 -1.56	41.61 -0.45 -1.24	42.03 -0.58 -0.93	47.12 -0.52 -0.20	52.27 -0.52 -0.46	46.15 -0.59 -1.30	36.47 -0.44 0.00	34.78 -0.39 0.00
YORK___WARBASSE 23770	31.82 2.03 -0.01	27.85 1.77 -0.01	26.05 1.66 -0.01	26.70 1.63 -0.01	26.60 1.58 -0.01	32.89 1.98 -0.01	41.44 2.20 0.00	42.12 2.76 0.00	44.21 2.97 -0.01	44.71 3.31 -0.01	45.27 3.24 -0.01	43.80 3.13 -0.01	42.32 3.13 -0.01	41.71 3.02 -0.01	42.60 3.16 -0.01	42.82 3.10 -0.01	45.21 3.27 -0.01	44.05 3.22 -0.01	44.57 2.88 -0.01	50.49 3.04 -0.01	56.01 3.66 -0.01	48.40 2.95 -0.01	39.10 2.18 -0.01	36.97 1.79 -0.01