

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/29/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.48	32.30	30.96	29.79	29.76	31.61	34.78	38.06	40.12	37.41	36.59	35.09	32.70	32.50	32.88	33.60	35.85	39.68	45.83	50.65	46.11	39.96	37.65	34.14
24138	1.62	1.65	1.58	1.55	1.63	1.70	1.75	2.19	2.13	2.08	1.87	1.86	1.76	1.69	1.80	1.81	1.96	2.35	2.64	2.82	2.53	1.97	1.66	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.61	32.40	30.96	29.85	29.79	31.67	34.85	38.10	40.13	37.41	36.59	35.12	32.73	32.53	32.91	33.63	35.88	39.64	45.83	50.69	46.11	40.04	37.72	34.21
24260	1.75	1.75	1.59	1.61	1.66	1.76	1.82	2.22	2.13	2.08	1.87	1.89	1.79	1.72	1.83	1.84	2.00	2.31	2.63	2.87	2.53	2.05	1.73	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.61	32.40	30.96	29.85	29.79	31.67	34.85	38.10	40.13	37.41	36.59	35.12	32.73	32.53	32.91	33.63	35.88	39.64	45.83	50.69	46.11	40.04	37.72	34.21
24261	1.75	1.75	1.59	1.61	1.66	1.76	1.82	2.22	2.13	2.08	1.87	1.89	1.79	1.72	1.83	1.84	2.00	2.31	2.63	2.87	2.53	2.05	1.73	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.58	32.37	31.02	29.82	29.76	31.73	34.98	38.03	40.16	37.37	36.77	35.12	32.52	32.31	32.63	33.38	35.64	39.27	45.74	50.55	46.02	40.11	37.97	34.44
24011	1.72	1.72	1.64	1.58	1.63	1.82	1.95	2.15	2.17	2.05	2.05	1.89	1.58	1.51	1.55	1.59	1.76	1.94	2.55	2.73	2.44	2.13	1.98	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.64	32.46	31.07	29.90	29.84	31.83	35.15	38.14	40.32	37.48	36.91	35.22	32.58	32.37	32.69	33.44	35.74	39.38	45.88	50.74	46.20	40.26	38.12	34.54
23798	1.78	1.81	1.70	1.67	1.72	1.92	2.12	2.26	2.32	2.15	2.19	1.99	1.64	1.57	1.61	1.65	1.86	2.05	2.68	2.92	2.61	2.28	2.12	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.58	32.37	31.02	29.82	29.76	31.73	34.98	38.03	40.16	37.37	36.77	35.12	32.52	32.31	32.63	33.38	35.64	39.27	45.74	50.55	46.02	40.11	37.97	34.44
24028	1.72	1.72	1.64	1.58	1.63	1.82	1.95	2.15	2.17	2.05	2.05	1.89	1.58	1.51	1.55	1.59	1.76	1.94	2.55	2.73	2.44	2.13	1.98	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.32	32.09	30.81	29.71	29.64	31.55	34.85	37.88	39.67	36.95	36.32	34.85	32.46	32.22	32.54	33.19	35.41	38.90	45.14	49.83	45.45	39.54	37.33	34.01
23527	1.47	1.44	1.44	1.47	1.52	1.64	1.82	2.01	1.67	1.63	1.60	1.63	1.52	1.42	1.46	1.40	1.53	1.57	1.95	2.01	1.87	1.56	1.33	1.28
	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
AIR_PRODUCTS___DRP	32.36	31.23	30.05	28.94	28.86	30.66	33.72	36.34	38.15	35.53	34.89	33.53	31.28	31.17	31.42	32.11	34.22	37.48	43.46	48.02	43.76	38.14	36.10	32.87
24190	0.51	0.58	0.68	0.71	0.73	0.75	0.69	0.47	0.15	0.21	0.17	0.30	0.34	0.37	0.34	0.32	0.34	0.15	0.26	0.19	0.17	0.15	0.11	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.05	30.90	29.55	28.29	28.10	29.82	32.97	35.80	38.11	35.39	34.79	33.33	31.03	30.96	31.23	31.95	34.05	37.55	43.37	48.02	43.76	38.10	36.14	32.87
355683	0.19	0.25	0.18	0.06	-0.03	-0.09	-0.07	-0.07	0.11	0.07	0.07	0.10	0.09	0.15	0.16	0.16	0.17	0.22	0.17	0.19	0.17	0.11	0.14	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.84	31.69	30.43	29.28	29.22	31.08	34.22	36.92	38.83	36.06	35.38	33.93	31.59	31.45	31.76	32.49	34.69	38.19	44.32	49.02	44.67	38.97	36.93	33.59
323833	0.99	1.04	1.06	1.05	1.10	1.17	1.19	1.04	0.83	0.74	0.66	0.70	0.65	0.65	0.68	0.70	0.81	0.86	1.12	1.20	1.09	0.99	0.93	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.84	31.69	30.43	29.28	29.22	31.05	34.22	36.92	38.80	36.06	35.38	33.93	31.59	31.45	31.76	32.49	34.66	38.15	44.28	49.02	44.67	38.93	36.93	33.59
323834	0.99	1.04	1.06	1.05	1.10	1.14	1.19	1.04	0.80	0.74	0.66	0.70	0.65	0.65	0.68	0.70	0.78	0.82	1.08	1.20	1.09	0.95	0.93	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.36	31.23	30.05	28.94	28.86	30.66	33.72	36.34	38.15	35.53	34.89	33.53	31.28	31.17	31.42	32.11	34.22	37.48	43.46	48.02	43.76	38.14	36.10	32.87
23571	0.51	0.58	0.68	0.71	0.73	0.75	0.69	0.47	0.15	0.21	0.17	0.30	0.34	0.37	0.34	0.32	0.34	0.15	0.26	0.19	0.17	0.15	0.11	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.36 0.51 0.00	31.23 0.58 0.00	30.05 0.68 0.00	28.94 0.71 0.00	28.86 0.73 0.00	30.66 0.75 0.00	33.72 0.69 0.00	36.34 0.47 0.00	38.15 0.15 0.00	35.53 0.21 0.00	34.89 0.17 0.00	33.53 0.30 0.00	31.28 0.34 0.00	31.17 0.37 0.00	31.42 0.34 0.00	32.11 0.32 0.00	34.22 0.34 0.00	37.48 0.15 0.00	43.46 0.26 0.00	48.02 0.19 0.00	43.76 0.17 0.00	38.14 0.15 0.00	36.10 0.11 0.00	32.87 0.13 0.00
ALBANY___3 23573	32.36 0.51 0.00	31.23 0.58 0.00	30.05 0.68 0.00	28.94 0.71 0.00	28.86 0.73 0.00	30.66 0.75 0.00	33.72 0.69 0.00	36.34 0.47 0.00	38.15 0.15 0.00	35.53 0.21 0.00	34.89 0.17 0.00	33.53 0.30 0.00	31.28 0.34 0.00	31.17 0.37 0.00	31.42 0.34 0.00	32.11 0.32 0.00	34.22 0.34 0.00	37.48 0.15 0.00	43.46 0.26 0.00	48.02 0.19 0.00	43.76 0.17 0.00	38.14 0.15 0.00	36.10 0.11 0.00	32.87 0.13 0.00
ALBANY___4 23574	32.36 0.51 0.00	31.23 0.58 0.00	30.05 0.68 0.00	28.94 0.71 0.00	28.86 0.73 0.00	30.66 0.75 0.00	33.72 0.69 0.00	36.34 0.47 0.00	38.15 0.15 0.00	35.53 0.21 0.00	34.89 0.17 0.00	33.53 0.30 0.00	31.28 0.34 0.00	31.17 0.37 0.00	31.42 0.34 0.00	32.11 0.32 0.00	34.22 0.34 0.00	37.48 0.15 0.00	43.46 0.26 0.00	48.02 0.19 0.00	43.76 0.17 0.00	38.14 0.15 0.00	36.10 0.11 0.00	32.87 0.13 0.00
ALBANY___LFGE 323615	32.59 0.73 0.00	31.48 0.83 0.00	30.22 0.85 0.00	29.11 0.88 0.00	29.05 0.93 0.00	30.87 0.96 0.00	33.99 0.96 0.00	36.63 0.75 0.00	38.49 0.49 0.00	35.85 0.53 0.00	35.24 0.52 0.00	33.86 0.63 0.00	31.56 0.62 0.00	31.42 0.62 0.00	31.70 0.62 0.00	32.39 0.60 0.00	34.52 0.64 0.00	37.85 0.52 0.00	43.88 0.69 0.00	48.49 0.67 0.00	44.15 0.57 0.00	38.48 0.49 0.00	36.46 0.47 0.00	33.16 0.42 0.00
ALCOA_PA_115KV_PL-6C 55860	32.24 0.38 0.00	31.08 0.43 0.00	29.72 0.35 0.00	28.44 0.20 0.00	28.21 0.08 0.00	29.94 0.03 0.00	33.13 0.10 0.00	35.98 0.11 0.00	38.30 0.30 0.00	35.57 0.25 0.00	34.93 0.21 0.00	33.46 0.23 0.00	31.16 0.22 0.00	31.08 0.28 0.00	31.36 0.28 0.00	32.11 0.32 0.00	34.19 0.30 0.00	37.74 0.41 0.00	43.63 0.43 0.00	48.30 0.48 0.00	44.02 0.44 0.00	38.33 0.34 0.00	36.35 0.36 0.00	33.06 0.33 0.00
ALCOA_RYNLDS___DRP 24188	32.24 0.38 0.00	31.08 0.43 0.00	29.72 0.35 0.00	28.44 0.20 0.00	28.21 0.08 0.00	29.94 0.03 0.00	33.13 0.10 0.00	35.98 0.11 0.00	38.30 0.30 0.00	35.57 0.25 0.00	34.93 0.21 0.00	33.46 0.23 0.00	31.16 0.22 0.00	31.08 0.28 0.00	31.36 0.28 0.00	32.11 0.32 0.00	34.19 0.30 0.00	37.74 0.41 0.00	43.63 0.43 0.00	48.30 0.48 0.00	44.02 0.44 0.00	38.33 0.34 0.00	36.35 0.36 0.00	33.06 0.33 0.00
ALCOA___DSASP 323711	32.24 0.38 0.00	31.08 0.43 0.00	29.72 0.35 0.00	28.44 0.20 0.00	28.21 0.08 0.00	29.94 0.03 0.00	33.13 0.10 0.00	36.02 0.14 0.00	38.30 0.30 0.00	35.57 0.25 0.00	34.93 0.21 0.00	33.43 0.20 0.00	31.16 0.22 0.00	31.08 0.28 0.00	31.36 0.28 0.00	32.11 0.32 0.00	34.19 0.30 0.00	37.74 0.41 0.00	43.63 0.43 0.00	48.30 0.48 0.00	44.02 0.44 0.00	38.33 0.34 0.00	36.35 0.36 0.00	33.06 0.33 0.00
ALLEGHENY___COGEN 23514	31.06 -0.80 0.00	29.45 -1.20 0.00	28.20 -1.18 0.00	27.08 -1.16 0.00	26.92 -1.21 0.00	28.77 -1.14 0.00	32.07 -0.96 0.00	34.55 -1.33 0.00	36.78 -1.22 0.00	33.84 -1.48 0.00	33.23 -1.49 0.00	31.43 -1.79 0.00	29.11 -1.83 0.00	29.05 -1.75 0.00	29.15 -1.93 0.00	30.07 -1.72 0.00	32.29 -1.59 0.00	36.25 -1.08 0.00	43.15 -0.04 0.00	48.30 0.48 0.00	44.41 0.83 0.00	38.86 0.87 0.00	37.04 1.04 0.00	33.36 0.62 0.00
ALTAMONT_115KV_TB 2 55880	32.56 0.70 0.00	31.36 0.70 0.00	30.11 0.73 0.00	28.97 0.73 0.00	28.89 0.76 0.00	30.72 0.81 0.00	33.86 0.83 0.00	36.70 0.83 0.00	38.64 0.65 0.00	35.96 0.64 0.00	35.31 0.59 0.00	33.86 0.63 0.00	31.56 0.62 0.00	31.39 0.59 0.00	31.70 0.62 0.00	32.39 0.60 0.00	34.53 0.64 0.00	38.00 0.67 0.00	44.06 0.86 0.00	48.73 0.91 0.00	44.37 0.78 0.00	38.67 0.68 0.00	36.61 0.61 0.00	33.29 0.56 0.00
ALTONA_WT_PWR 323606	32.52 0.67 0.00	31.26 0.61 0.00	29.78 0.41 0.00	28.35 0.11 0.00	28.10 -0.03 0.00	29.52 -0.39 0.00	32.67 -0.36 0.00	35.59 -0.29 0.00	37.92 -0.08 0.00	35.29 -0.04 0.00	34.75 0.03 0.00	33.36 0.13 0.00	31.13 0.19 0.00	31.11 0.31 0.00	31.42 0.34 0.00	32.20 0.41 0.00	34.36 0.47 0.00	37.93 0.60 0.00	43.88 0.69 0.00	48.64 0.81 0.00	44.24 0.65 0.00	38.48 0.49 0.00	36.39 0.40 0.00	33.03 0.29 0.00
AMERICAN_REF_FUEL 24010	28.70 -3.15 0.00	27.10 -3.55 0.00	25.93 -3.44 0.00	24.93 -3.30 0.00	24.64 -3.49 0.00	26.41 -3.50 0.00	29.60 -3.44 0.00	31.68 -4.20 0.00	34.23 -3.76 0.00	31.68 -3.64 0.00	31.49 -3.23 0.00	29.90 -3.32 0.00	27.69 -3.25 0.00	27.72 -3.08 0.00	27.69 -3.39 0.00	28.61 -3.18 0.00	30.66 -3.22 0.00	33.78 -3.55 0.00	39.70 -3.50 0.00	44.00 -3.83 0.00	40.31 -3.27 0.00	35.17 -2.81 0.00	34.01 -1.98 0.00	30.97 -1.77 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.80 -3.06 0.00	27.31 -3.34 0.00	26.05 -3.32 0.00	25.08 -3.16 0.00	24.75 -3.38 0.00	26.47 -3.44 0.00	29.73 -3.30 0.00	31.97 -3.91 0.00	34.39 -3.61 0.00	31.90 -3.43 0.00	31.70 -3.02 0.00	30.07 -3.16 0.00	27.88 -3.06 0.00	27.85 -2.96 0.00	27.88 -3.20 0.00	28.86 -2.92 0.00	31.07 -2.81 0.00	34.49 -2.84 0.00	41.04 -2.16 0.00	45.91 -1.91 0.00	42.32 -1.27 0.00	36.92 -1.06 0.00	35.60 -0.40 0.00	32.44 -0.30 0.00
ARTHUR KILL_GT_1 23520	50.05 1.85 -16.34	50.01 1.90 -17.46	49.47 1.76 -18.34	49.44 1.69 -19.50	49.44 1.80 -19.51	49.47 1.92 -17.65	50.05 1.95 -15.07	50.02 2.15 -11.99	50.68 2.20 -10.48	51.93 1.94 -14.67	50.67 1.91 -14.05	51.96 1.69 -17.04	50.63 1.61 -18.08	50.66 1.60 -18.26	50.63 1.68 -17.88	51.70 1.68 -18.23	53.21 1.83 -17.50	54.37 2.16 -14.88	54.39 2.46 -8.73	56.14 2.72 -5.59	54.39 2.40 -8.41	52.55 2.01 -12.55	51.97 1.83 -14.14	50.64 1.67 -16.23
ARTHUR_KILL_2 23512	49.95 1.75 -16.34	49.95 1.84 -17.46	49.38 1.67 -18.34	49.38 1.64 -19.50	49.38 1.74 -19.51	49.38 1.82 -17.65	49.95 1.85 -15.07	49.95 2.08 -11.99	50.57 2.09 -10.48	51.86 1.87 -14.67	50.57 1.80 -14.05	51.86 1.59 -17.04	50.57 1.55 -18.08	50.57 1.51 -18.26	50.57 1.62 -17.88	51.61 1.59 -18.23	53.11 1.73 -17.50	54.26 2.05 -14.88	54.26 2.33 -8.73	56.00 2.58 -5.59	54.26 2.26 -8.41	52.47 1.94 -12.55	51.86 1.73 -14.14	50.57 1.60 -16.23
ARTHUR_KILL_3 23513	49.53 1.34 -16.34	49.48 1.38 -17.45	49.02 1.32 -18.33	49.06 1.33 -19.50	49.03 1.41 -19.50	48.98 1.44 -17.64	49.51 1.42 -15.06	49.73 1.86 -11.99	50.22 1.75 -10.48	51.71 1.73 -14.66	50.28 1.53 -14.04	51.79 1.53 -17.03	50.50 1.49 -18.08	50.44 1.39 -18.25	50.47 1.52 -17.87	51.51 1.49 -18.23	52.97 1.59 -17.49	54.10 1.90 -14.87	53.99 2.07 -8.73	55.71 2.30 -5.59	53.99 2.01 -8.41	52.16 1.63 -12.54	51.42 1.29 -14.13	50.04 1.08 -16.22

ARTHUR_KILL_COGEN 323718	50.05 1.85 -16.34	50.01 1.90 -17.46	49.47 1.76 -18.34	49.44 1.69 -19.50	49.44 1.80 -19.51	49.47 1.92 -17.65	50.05 1.95 -15.07	50.02 2.15 -11.99	50.68 2.20 -10.48	51.93 1.94 -14.67	50.67 1.91 -14.05	51.96 1.69 -17.04	50.63 1.61 -18.08	50.66 1.60 -18.26	50.63 1.68 -17.88	51.70 1.68 -18.23	53.21 1.83 -17.50	54.37 2.16 -14.88	54.39 2.46 -8.73	56.14 2.72 -5.59	54.39 2.40 -8.41	52.55 2.01 -12.55	51.97 1.83 -14.14	50.64 1.67 -16.23
ASHOKAN____ 23654	33.73 1.88 0.00	32.49 1.84 0.00	31.07 1.70 0.00	29.93 1.69 0.00	29.90 1.77 0.00	31.85 1.94 0.00	34.95 1.92 0.00	37.63 1.76 0.00	39.52 1.52 0.00	36.59 1.27 0.00	35.76 1.04 0.00	34.19 0.96 0.00	31.84 0.90 0.00	31.63 0.83 0.00	32.01 0.93 0.00	32.80 1.02 0.00	34.97 1.08 0.00	38.90 1.57 0.00	45.40 2.20 0.00	50.21 2.39 0.00	45.72 2.13 0.00	39.88 1.90 0.00	37.79 1.80 0.00	34.50 1.77 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.30 1.43 -0.01	32.19 1.53 -0.01	30.82 1.44 -0.01	29.69 1.44 -0.01	29.65 1.52 -0.01	31.47 1.55 -0.01	34.61 1.59 0.01	37.91 2.04 0.01	40.00 2.01 0.01	37.25 1.94 0.01	36.48 1.77 0.01	34.95 1.73 0.01	32.63 1.70 0.01	32.43 1.63 0.01	32.84 1.77 0.01	33.50 1.72 0.01	35.70 1.83 0.01	39.49 2.16 0.01	45.56 2.37 0.01	50.44 2.63 0.01	45.93 2.35 0.01	39.84 1.86 0.01	37.50 1.51 0.01	33.92 1.18 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	33.30 1.43 -0.01	32.19 1.53 -0.01	30.82 1.44 -0.01	29.69 1.44 -0.01	29.65 1.52 -0.01	31.47 1.55 -0.01	34.61 1.59 0.01	37.91 2.04 0.01	40.00 2.01 0.01	37.25 1.94 0.01	36.48 1.77 0.01	34.95 1.73 0.01	32.63 1.70 0.01	32.43 1.63 0.01	32.84 1.77 0.01	33.50 1.72 0.01	35.70 1.83 0.01	39.49 2.16 0.01	45.56 2.37 0.01	50.44 2.63 0.01	45.93 2.35 0.01	39.84 1.86 0.01	37.50 1.51 0.01	33.92 1.18 -0.01
ASTORIA_GT2_1 24094	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01
ASTORIA_GT2_2 24095	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01
ASTORIA_GT2_3 24096	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01
ASTORIA_GT2_4 24097	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01
ASTORIA_GT3_1 24098	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01
ASTORIA_GT3_2 24099	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01
ASTORIA_GT3_3 24100	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01
ASTORIA_GT3_4 24101	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01
ASTORIA_GT4_1 24102	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01
ASTORIA_GT4_2 24103	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01
ASTORIA_GT4_3 24104	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01

ASTORIA_GT4_4 24105	33.36 1.50 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.71 1.47 -0.01	29.62 1.49 -0.01	31.53 1.62 -0.01	34.65 1.62 0.00	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.66 1.73 0.01	32.46 1.66 0.01	32.84 1.77 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.49 2.17 0.01	45.69 2.51 0.01	50.49 2.68 0.01	45.97 2.40 0.01	39.88 1.90 0.01	37.50 1.51 0.01	33.99 1.24 -0.01
ASTORIA_GT_1 23523	33.36 1.50 -0.01	32.25 1.59 -0.01	30.88 1.50 -0.01	29.71 1.47 -0.01	29.71 1.57 -0.01	31.50 1.58 -0.01	34.67 1.65 0.01	37.98 2.12 0.01	40.08 2.09 0.01	37.33 2.01 0.01	36.55 1.84 0.01	35.01 1.79 0.01	32.69 1.76 0.01	32.49 1.69 0.01	32.87 1.80 0.01	33.56 1.78 0.01	35.77 1.90 0.01	39.56 2.24 0.01	45.65 2.46 0.01	50.54 2.72 0.01	46.01 2.44 0.01	39.91 1.94 0.01	37.57 1.58 0.01	33.99 1.24 -0.01
ASTORIA_GT_10 24110	33.62 1.72 -0.05	32.38 1.72 -0.01	31.21 1.62 -0.22	30.60 1.64 -0.72	30.51 1.66 -0.72	32.33 1.76 -0.65	34.85 1.82 0.00	38.54 2.22 -0.45	40.52 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.62 1.76 -2.91	35.47 1.72 -2.94	35.79 1.83 -2.88	36.57 1.84 -2.94	38.68 1.97 -2.84	48.53 2.28 -8.93	50.22 2.63 -4.39	52.44 2.82 -1.79	50.13 2.48 -4.07	42.05 2.05 -2.02	38.25 1.73 -0.52	34.81 1.47 -0.60
ASTORIA_GT_11 24225	33.62 1.72 -0.05	32.38 1.72 -0.01	31.21 1.62 -0.22	30.60 1.64 -0.72	30.51 1.66 -0.72	32.33 1.76 -0.65	34.85 1.82 0.00	38.54 2.22 -0.45	40.52 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.62 1.76 -2.91	35.47 1.72 -2.94	35.79 1.83 -2.88	36.57 1.84 -2.94	38.68 1.97 -2.84	48.53 2.28 -8.93	50.22 2.63 -4.39	52.44 2.82 -1.79	50.13 2.48 -4.07	42.05 2.05 -2.02	38.25 1.73 -0.52	34.81 1.47 -0.60
ASTORIA_GT_12 24226	33.62 1.72 -0.05	32.38 1.72 -0.01	31.21 1.62 -0.22	30.60 1.64 -0.72	30.51 1.66 -0.72	32.33 1.76 -0.65	34.85 1.82 0.00	38.54 2.22 -0.45	40.52 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.62 1.76 -2.91	35.47 1.72 -2.94	35.79 1.83 -2.88	36.57 1.84 -2.94	38.68 1.97 -2.84	48.53 2.28 -8.93	50.22 2.63 -4.39	52.44 2.82 -1.79	50.13 2.48 -4.07	42.05 2.05 -2.02	38.25 1.73 -0.52	34.81 1.47 -0.60
ASTORIA_GT_13 24227	33.62 1.72 -0.05	32.38 1.72 -0.01	31.21 1.62 -0.22	30.60 1.64 -0.72	30.51 1.66 -0.72	32.33 1.76 -0.65	34.85 1.82 0.00	38.54 2.22 -0.45	40.52 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.62 1.76 -2.91	35.47 1.72 -2.94	35.79 1.83 -2.88	36.57 1.84 -2.94	38.68 1.97 -2.84	48.53 2.28 -8.93	50.22 2.63 -4.39	52.44 2.82 -1.79	50.13 2.48 -4.07	42.05 2.05 -2.02	38.25 1.73 -0.52	34.81 1.47 -0.60
ASTORIA_GT_5 24106	33.39 1.53 -0.01	32.25 1.59 -0.01	30.85 1.47 -0.01	29.74 1.50 -0.01	29.65 1.52 -0.01	31.56 1.65 -0.01	34.72 1.68 0.00	37.98 2.12 0.01	40.08 2.09 0.01	37.33 2.01 0.01	36.55 1.84 0.01	35.05 1.83 0.01	32.70 1.76 0.01	32.52 1.72 0.01	32.90 1.83 0.01	33.59 1.81 0.01	35.81 1.93 0.01	39.56 2.24 0.01	45.78 2.59 0.01	50.59 2.77 0.01	46.01 2.44 0.01	39.91 1.94 0.01	37.57 1.58 0.01	34.02 1.28 -0.01
ASTORIA_GT_7 24107	33.39 1.53 -0.01	32.25 1.59 -0.01	30.85 1.47 -0.01	29.74 1.50 -0.01	29.65 1.52 -0.01	31.56 1.65 -0.01	34.72 1.68 0.00	37.98 2.12 0.01	40.08 2.09 0.01	37.33 2.01 0.01	36.55 1.84 0.01	35.05 1.83 0.01	32.70 1.76 0.01	32.52 1.72 0.01	32.90 1.83 0.01	33.59 1.81 0.01	35.81 1.93 0.01	39.56 2.24 0.01	45.78 2.59 0.01	50.59 2.77 0.01	46.01 2.44 0.01	39.91 1.94 0.01	37.57 1.58 0.01	34.02 1.28 -0.01
ASTORIA_GT_8 24108	33.39 1.53 -0.01	32.25 1.59 -0.01	30.85 1.47 -0.01	29.74 1.50 -0.01	29.65 1.52 -0.01	31.56 1.65 -0.01	34.72 1.68 0.00	37.98 2.12 0.01	40.08 2.09 0.01	37.33 2.01 0.01	36.55 1.84 0.01	35.05 1.83 0.01	32.70 1.76 0.01	32.52 1.72 0.01	32.90 1.83 0.01	33.59 1.81 0.01	35.81 1.93 0.01	39.56 2.24 0.01	45.78 2.59 0.01	50.59 2.77 0.01	46.01 2.44 0.01	39.91 1.94 0.01	37.57 1.58 0.01	34.02 1.28 -0.01
ASTORIA___2 24149	33.30 1.43 -0.01	32.22 1.56 -0.01	30.82 1.44 -0.01	29.69 1.44 -0.01	29.68 1.55 -0.01	31.47 1.55 -0.01	34.64 1.62 0.01	37.91 2.04 0.01	40.00 2.01 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.63 1.70 0.01	32.43 1.63 0.01	32.84 1.77 0.01	33.50 1.72 0.01	35.74 1.86 0.01	39.49 2.16 0.01	45.61 2.42 0.01	50.49 2.68 0.01	45.93 2.35 0.01	39.84 1.86 0.01	37.50 1.51 0.01	33.96 1.21 -0.01
ASTORIA___3 23516	33.59 1.69 -0.05	32.37 1.72 -0.01	31.21 1.61 -0.22	30.57 1.61 -0.72	30.53 1.69 -0.72	32.30 1.73 -0.65	34.81 1.78 0.00	38.55 2.23 -0.45	40.51 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.62 1.76 -2.91	35.44 1.69 -2.94	35.79 1.83 -2.88	36.54 1.81 -2.94	38.65 1.93 -2.84	48.53 2.28 -8.93	50.13 2.55 -4.39	52.39 2.77 -1.79	50.13 2.48 -4.07	42.05 2.05 -2.02	38.24 1.73 -0.52	34.81 1.47 -0.60
ASTORIA___4 23517	33.62 1.72 -0.05	32.38 1.72 -0.01	31.21 1.62 -0.22	30.60 1.64 -0.72	30.51 1.66 -0.72	32.33 1.76 -0.65	34.85 1.82 0.00	38.54 2.22 -0.45	40.52 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.62 1.76 -2.91	35.47 1.72 -2.94	35.79 1.83 -2.88	36.57 1.84 -2.94	38.68 1.97 -2.84	48.53 2.28 -8.93	50.22 2.63 -4.39	52.44 2.82 -1.79	50.13 2.48 -4.07	42.05 2.05 -2.02	38.25 1.73 -0.52	34.81 1.47 -0.60
ASTORIA___5 23518	33.59 1.69 -0.05	32.37 1.72 -0.01	31.21 1.61 -0.22	30.57 1.61 -0.72	30.53 1.69 -0.72	32.30 1.73 -0.65	34.81 1.78 0.00	38.55 2.23 -0.45	40.51 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.62 1.76 -2.91	35.44 1.69 -2.94	35.79 1.83 -2.88	36.54 1.81 -2.94	38.65 1.93 -2.84	48.53 2.28 -8.93	50.13 2.55 -4.39	52.39 2.77 -1.79	50.13 2.48 -4.07	42.05 2.05 -2.02	38.24 1.73 -0.52	34.81 1.47 -0.60
AST_ENERGY_2_CC3 323677	33.38 1.53 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.52 1.61 0.00	34.62 1.59 0.00	37.85 1.97 0.00	39.86 1.86 0.00	37.16 1.84 0.00	36.35 1.63 0.00	34.85 1.63 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.26 2.44 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.47 1.48 0.00	33.98 1.24 0.00
AST_ENERGY_2_CC4 323678	33.38 1.53 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.52 1.61 0.00	34.62 1.59 0.00	37.85 1.97 0.00	39.86 1.86 0.00	37.16 1.84 0.00	36.35 1.63 0.00	34.85 1.63 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.26 2.44 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.47 1.48 0.00	33.98 1.24 0.00

ATHENS_STG_1 23668	32.65 0.80 0.00	31.48 0.83 0.00	30.16 0.79 0.00	29.06 0.82 0.00	29.00 0.87 0.00	30.81 0.90 0.00	33.95 0.92 0.00	36.95 1.08 0.00	38.91 0.91 0.00	36.24 0.92 0.00	35.52 0.80 0.00	34.06 0.83 0.00	31.74 0.80 0.00	31.57 0.77 0.00	31.88 0.81 0.00	32.58 0.80 0.00	34.73 0.85 0.00	38.26 0.93 0.00	44.32 1.12 0.00	49.02 1.20 0.00	44.63 1.04 0.00	38.89 0.91 0.00	36.82 0.83 0.00	33.46 0.72 0.00
ATHENS_STG_2 23670	32.65 0.80 0.00	31.48 0.83 0.00	30.16 0.79 0.00	29.06 0.82 0.00	29.00 0.87 0.00	30.81 0.90 0.00	33.95 0.92 0.00	36.95 1.08 0.00	38.91 0.91 0.00	36.24 0.92 0.00	35.52 0.80 0.00	34.06 0.83 0.00	31.74 0.80 0.00	31.57 0.77 0.00	31.88 0.81 0.00	32.58 0.80 0.00	34.73 0.85 0.00	38.26 0.93 0.00	44.32 1.12 0.00	49.02 1.20 0.00	44.63 1.04 0.00	38.89 0.91 0.00	36.82 0.83 0.00	33.46 0.72 0.00
ATHENS_STG_3 23677	32.65 0.80 0.00	31.48 0.83 0.00	30.16 0.79 0.00	29.06 0.82 0.00	29.00 0.87 0.00	30.81 0.90 0.00	33.95 0.92 0.00	36.95 1.08 0.00	38.91 0.91 0.00	36.24 0.92 0.00	35.52 0.80 0.00	34.06 0.83 0.00	31.74 0.80 0.00	31.57 0.77 0.00	31.88 0.81 0.00	32.58 0.80 0.00	34.73 0.85 0.00	38.26 0.93 0.00	44.32 1.12 0.00	49.02 1.20 0.00	44.63 1.04 0.00	38.89 0.91 0.00	36.82 0.83 0.00	33.46 0.72 0.00
AUBURN___LFGE 323710	31.60 -0.25 0.00	30.31 -0.34 0.00	29.02 -0.35 0.00	27.90 -0.34 0.00	27.79 -0.34 0.00	29.61 -0.30 0.00	32.80 -0.23 0.00	35.62 -0.25 0.00	37.88 -0.11 0.00	35.14 -0.18 0.00	34.58 -0.14 0.00	32.96 -0.27 0.00	30.63 -0.31 0.00	30.56 -0.25 0.00	30.77 -0.31 0.00	31.53 -0.25 0.00	33.68 -0.20 0.00	37.18 -0.15 0.00	43.15 -0.04 0.00	47.87 0.05 0.00	43.67 0.09 0.00	38.10 0.11 0.00	36.03 0.04 0.00	32.70 -0.03 0.00
BABYLON_RES_REC 323704	33.57 1.72 0.00	32.34 1.68 0.00	30.96 1.58 0.00	29.85 1.61 0.00	29.81 1.69 0.00	31.80 1.89 0.00	35.01 1.98 0.00	46.06 2.76 -7.42	40.47 2.47 0.00	37.30 1.98 0.00	36.45 1.74 0.00	34.85 1.63 0.00	32.39 1.45 0.00	32.22 1.42 0.00	32.72 1.65 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.68 2.35 0.00	45.61 2.42 0.00	50.74 2.92 0.00	46.24 2.66 0.00	40.53 2.55 0.00	37.86 1.87 0.00	34.44 1.70 0.00
BABYLON__69_KV_BK2 356345	33.86 2.01 0.00	32.55 1.90 0.00	31.25 1.88 0.00	30.07 1.84 0.00	29.95 1.83 0.00	32.09 2.18 0.00	35.38 2.35 0.00	46.37 3.09 -7.41	40.81 2.81 0.00	37.58 2.26 0.00	36.70 1.98 0.00	35.09 1.86 0.00	32.61 1.67 0.00	32.37 1.57 0.00	32.94 1.86 0.00	33.54 1.75 0.00	35.88 2.00 0.00	40.02 2.69 0.00	46.13 2.94 0.00	51.22 3.40 0.00	46.63 3.05 0.00	40.91 2.92 0.00	38.19 2.20 0.00	34.73 2.00 0.00
BALL_HILL_WT_PWR 323825	29.34 -2.52 0.00	27.83 -2.82 0.00	26.58 -2.79 0.00	25.56 -2.68 0.00	25.31 -2.81 0.00	27.04 -2.87 0.00	30.36 -2.67 0.00	32.61 -3.26 0.00	35.07 -2.93 0.00	32.53 -2.79 0.00	32.29 -2.43 0.00	30.63 -2.59 0.00	28.40 -2.54 0.00	28.37 -2.43 0.00	28.40 -2.67 0.00	29.37 -2.42 0.00	31.54 -2.34 0.00	34.87 -2.46 0.00	41.17 -2.03 0.00	45.86 -1.96 0.00	42.14 -1.44 0.00	36.73 -1.25 0.00	35.35 -0.65 0.00	32.21 -0.53 0.00
BARON_WINDS___WT_PWR 323822	29.59 -2.26 0.00	28.17 -2.48 0.00	26.96 -2.41 0.00	25.89 -2.34 0.00	25.71 -2.42 0.00	27.46 -2.45 0.00	30.55 -2.48 0.00	33.00 -2.87 0.00	35.19 -2.81 0.00	32.60 -2.72 0.00	32.22 -2.50 0.00	30.60 -2.63 0.00	28.40 -2.54 0.00	28.31 -2.49 0.00	28.47 -2.61 0.00	29.37 -2.42 0.00	31.51 -2.37 0.00	35.16 -2.17 0.00	41.47 -1.73 0.00	46.44 -1.39 0.00	42.62 -0.96 0.00	37.19 -0.80 0.00	35.49 -0.50 0.00	32.25 -0.49 0.00
BARRETT_IC_1 23704	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT_IC_10 23701	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT_IC_11 23702	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT_IC_12 23703	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT_IC_2 23705	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT_IC_3 23706	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT_IC_4 23707	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00

BARRETT_IC_5 23708	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT_IC_6 23709	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT_IC_7 23710	33.51 1.66 0.00	32.24 1.59 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.67 1.55 0.00	31.67 1.76 0.00	34.88 1.85 0.00	45.76 2.48 -7.41	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.85 1.63 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.62 0.00	33.35 1.56 0.00	35.61 1.73 0.00	39.53 2.20 0.00	45.57 2.38 0.00	50.41 2.58 0.00	45.98 2.40 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT_IC_8 23711	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT_IC_9 23700	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT___1 23545	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BARRETT___2 23546	33.45 1.59 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.64 1.73 0.00	34.81 1.78 0.00	45.77 2.47 -7.42	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.69 1.61 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.53 2.20 0.00	45.44 2.24 0.00	50.36 2.53 0.00	45.93 2.35 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.24 1.51 0.00
BATAVIA___115KV_TB1 55881	30.10 -1.75 0.00	28.60 -2.05 0.00	27.29 -2.09 0.00	26.26 -1.98 0.00	26.21 -1.91 0.00	27.88 -2.03 0.00	31.25 -1.78 0.00	33.65 -2.22 0.00	36.17 -1.82 0.00	33.41 -1.91 0.00	33.19 -1.53 0.00	31.40 -1.83 0.00	29.11 -1.83 0.00	29.08 -1.72 0.00	29.09 -1.99 0.00	30.01 -1.78 0.00	32.15 -1.73 0.00	35.61 -1.72 0.00	41.68 -1.51 0.00	46.49 -1.34 0.00	42.58 -1.00 0.00	37.19 -0.80 0.00	35.81 -0.18 0.00	32.38 -0.36 0.00
BAYONEEC___CTG1 323682	33.32 1.47 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.46 1.55 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.90 1.90 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.43 1.44 0.00	33.95 1.21 0.00
BAYONEEC___CTG10 323750	33.32 1.47 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.46 1.55 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.90 1.90 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.43 1.44 0.00	33.95 1.21 0.00
BAYONEEC___CTG2 323683	33.32 1.47 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.46 1.55 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.90 1.90 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.43 1.44 0.00	33.95 1.21 0.00
BAYONEEC___CTG3 323684	33.32 1.47 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.46 1.55 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.90 1.90 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.43 1.44 0.00	33.95 1.21 0.00
BAYONEEC___CTG4 323685	33.32 1.47 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.46 1.55 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.90 1.90 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.43 1.44 0.00	33.95 1.21 0.00
BAYONEEC___CTG5 323686	33.32 1.47 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.46 1.55 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.90 1.90 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.43 1.44 0.00	33.95 1.21 0.00
BAYONEEC___CTG6 323687	33.32 1.47 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.46 1.55 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.90 1.90 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.43 1.44 0.00	33.95 1.21 0.00

BAYONEEC___CTG7 323688	33.32 1.47 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.46 1.55 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.90 1.90 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.43 1.44 0.00	33.95 1.21 0.00
BAYONEEC___CTG8 323689	33.32 1.47 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.46 1.55 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.90 1.90 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.43 1.44 0.00	33.95 1.21 0.00
BAYONEEC___CTG9 323749	33.32 1.47 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.46 1.55 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.90 1.90 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.34 2.01 0.00	45.44 2.24 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.43 1.44 0.00	33.95 1.21 0.00
BEACON___LESR 323632	32.78 0.92 0.00	31.63 0.98 0.00	30.37 1.00 0.00	29.25 1.02 0.00	29.19 1.07 0.00	31.02 1.11 0.00	34.19 1.16 0.00	36.84 0.97 0.00	38.76 0.76 0.00	36.10 0.78 0.00	35.48 0.76 0.00	34.06 0.83 0.00	31.71 0.77 0.00	31.57 0.77 0.00	31.85 0.78 0.00	32.55 0.76 0.00	34.73 0.85 0.00	38.08 0.75 0.00	44.19 0.99 0.00	48.83 1.01 0.00	44.50 0.92 0.00	38.74 0.76 0.00	36.71 0.72 0.00	33.39 0.65 0.00
BEAVER RIVER___HYD 24048	31.63 -0.22 0.00	30.44 -0.21 0.00	29.34 -0.03 0.00	28.18 -0.06 0.00	27.76 -0.37 0.00	29.64 -0.27 0.00	32.80 -0.23 0.00	35.55 -0.32 0.00	37.73 -0.26 0.00	34.83 -0.49 0.00	34.20 -0.52 0.00	32.59 -0.63 0.00	30.35 -0.59 0.00	30.19 -0.62 0.00	30.46 -0.62 0.00	31.47 -0.32 0.00	33.61 -0.27 0.00	37.33 0.00 0.00	43.41 0.22 0.00	48.20 0.38 0.00	43.93 0.35 0.00	38.33 0.34 0.00	36.25 0.25 0.00	32.74 0.00 0.00
BEEBEE_GT_13 23619	30.42 -1.43 0.00	29.03 -1.62 0.00	27.76 -1.62 0.00	26.69 -1.55 0.00	26.64 -1.49 0.00	28.29 -1.62 0.00	31.58 -1.45 0.00	34.08 -1.79 0.00	36.55 -1.44 0.00	33.84 -1.48 0.00	33.50 -1.22 0.00	31.83 -1.40 0.00	29.58 -1.36 0.00	29.54 -1.26 0.00	29.62 -1.46 0.00	30.45 -1.34 0.00	32.53 -1.36 0.00	35.91 -1.42 0.00	41.81 -1.38 0.00	46.44 -1.39 0.00	42.45 -1.13 0.00	37.07 -0.91 0.00	35.49 -0.50 0.00	32.15 -0.59 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.27 2.07 -16.34	50.16 2.05 -17.46	49.62 1.91 -18.34	49.63 1.89 -19.50	49.58 1.94 -19.51	49.59 2.03 -17.65	50.25 2.15 -15.07	50.38 2.51 -11.99	50.99 2.51 -10.48	54.19 2.37 -16.50	50.99 2.22 -14.05	54.53 2.13 -19.17	53.28 2.01 -20.33	53.30 1.97 -20.53	53.26 2.08 -20.10	54.38 2.10 -20.50	55.84 2.27 -19.69	63.20 2.61 -23.26	65.14 3.07 -18.88	63.55 3.30 -12.43	72.42 2.92 -25.92	54.52 2.43 -14.10	52.26 2.12 -14.14	50.80 1.83 -16.23
BETHLEHEM___GRP 23843	32.36 0.51 0.00	31.23 0.58 0.00	30.05 0.68 0.00	28.94 0.71 0.00	28.86 0.73 0.00	30.66 0.75 0.00	33.72 0.69 0.00	36.34 0.47 0.00	38.15 0.15 0.00	35.53 0.21 0.00	34.89 0.17 0.00	33.53 0.30 0.00	31.28 0.34 0.00	31.17 0.37 0.00	31.42 0.34 0.00	32.11 0.32 0.00	34.22 0.34 0.00	37.48 0.15 0.00	43.46 0.26 0.00	48.02 0.19 0.00	43.76 0.17 0.00	38.14 0.15 0.00	36.10 0.11 0.00	32.87 0.13 0.00
BETHLEHEM___GS1 323560	32.36 0.51 0.00	31.23 0.58 0.00	30.05 0.68 0.00	28.94 0.71 0.00	28.86 0.73 0.00	30.66 0.75 0.00	33.73 0.69 0.00	36.34 0.47 0.00	38.15 0.15 0.00	35.53 0.21 0.00	34.89 0.17 0.00	33.56 0.33 0.00	31.28 0.34 0.00	31.14 0.34 0.00	31.42 0.34 0.00	32.11 0.32 0.00	34.22 0.34 0.00	37.48 0.15 0.00	43.46 0.26 0.00	48.02 0.19 0.00	43.76 0.18 0.00	38.10 0.11 0.00	36.10 0.11 0.00	32.87 0.13 0.00
BETHLEHEM___GS2 323561	32.36 0.51 0.00	31.23 0.58 0.00	30.05 0.68 0.00	28.94 0.71 0.00	28.86 0.73 0.00	30.66 0.75 0.00	33.73 0.69 0.00	36.34 0.47 0.00	38.15 0.15 0.00	35.53 0.21 0.00	34.89 0.17 0.00	33.56 0.33 0.00	31.28 0.34 0.00	31.14 0.34 0.00	31.42 0.34 0.00	32.11 0.32 0.00	34.22 0.34 0.00	37.48 0.15 0.00	43.46 0.26 0.00	48.02 0.19 0.00	43.76 0.18 0.00	38.10 0.11 0.00	36.10 0.11 0.00	32.87 0.13 0.00
BETHLEHEM___GS3 323562	32.36 0.51 0.00	31.23 0.58 0.00	30.05 0.68 0.00	28.94 0.71 0.00	28.86 0.73 0.00	30.66 0.75 0.00	33.73 0.69 0.00	36.34 0.47 0.00	38.15 0.15 0.00	35.53 0.21 0.00	34.89 0.17 0.00	33.56 0.33 0.00	31.28 0.34 0.00	31.14 0.34 0.00	31.42 0.34 0.00	32.11 0.32 0.00	34.22 0.34 0.00	37.48 0.15 0.00	43.46 0.26 0.00	48.02 0.19 0.00	43.76 0.18 0.00	38.10 0.11 0.00	36.10 0.11 0.00	32.87 0.13 0.00
BETHLEHEM___STEEL 23779	29.31 -2.55 0.00	27.86 -2.79 0.00	26.55 -2.82 0.00	25.56 -2.68 0.00	25.45 -2.67 0.00	27.07 -2.84 0.00	30.42 -2.61 0.00	32.68 -3.19 0.00	35.19 -2.81 0.00	32.64 -2.68 0.00	32.43 -2.29 0.00	30.70 -2.53 0.00	28.43 -2.51 0.00	28.46 -2.34 0.00	28.44 -2.64 0.00	29.37 -2.42 0.00	31.54 -2.34 0.00	34.83 -2.50 0.00	40.73 -2.46 0.00	45.48 -2.34 0.00	41.75 -1.83 0.00	36.35 -1.63 0.00	35.13 -0.86 0.00	31.98 -0.75 0.00
BETHLHEM_115KV_TB1 79974	32.40 0.54 0.00	31.26 0.61 0.00	30.05 0.68 0.00	28.94 0.71 0.00	28.86 0.73 0.00	30.66 0.75 0.00	33.76 0.73 0.00	36.41 0.54 0.00	38.23 0.23 0.00	35.60 0.28 0.00	34.96 0.24 0.00	33.59 0.37 0.00	31.34 0.40 0.00	31.20 0.40 0.00	31.48 0.40 0.00	32.17 0.38 0.00	34.29 0.41 0.00	37.59 0.26 0.00	43.58 0.39 0.00	48.16 0.33 0.00	43.89 0.31 0.00	38.21 0.23 0.00	36.21 0.22 0.00	32.93 0.20 0.00
BETHPAGE_CC_5 323564	33.61 1.75 0.00	32.37 1.72 0.00	30.99 1.61 0.00	29.85 1.61 0.00	29.81 1.69 0.00	31.80 1.89 0.00	35.01 1.98 0.00	46.06 2.76 -7.42	40.47 2.47 0.00	37.37 2.05 0.00	36.52 1.80 0.00	34.95 1.73 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.82 1.74 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.68 2.35 0.00	45.61 2.42 0.00	50.69 2.87 0.00	46.15 2.57 0.00	40.42 2.43 0.00	37.83 1.83 0.00	34.34 1.60 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.31 -2.55 0.00	27.89 -2.76 0.00	26.55 -2.82 0.00	25.56 -2.68 0.00	25.48 -2.64 0.00	27.10 -2.81 0.00	30.45 -2.58 0.00	32.72 -3.16 0.00	35.22 -2.77 0.00	32.67 -2.65 0.00	32.43 -2.29 0.00	30.73 -2.49 0.00	28.46 -2.48 0.00	28.46 -2.34 0.00	28.47 -2.61 0.00	29.40 -2.38 0.00	31.58 -2.30 0.00	34.87 -2.46 0.00	40.82 -2.38 0.00	45.58 -2.25 0.00	41.84 -1.74 0.00	36.47 -1.52 0.00	35.24 -0.76 0.00	32.05 -0.69 0.00

BINGHAMTON___COGEN 23790	31.44 -0.41 0.00	30.19 -0.46 0.00	28.87 -0.50 0.00	27.79 -0.45 0.00	27.68 -0.45 0.00	29.46 -0.45 0.00	32.63 -0.40 0.00	35.41 -0.47 0.00	37.58 -0.42 0.00	34.90 -0.42 0.00	34.37 -0.35 0.00	32.79 -0.43 0.00	30.48 -0.46 0.00	30.34 -0.46 0.00	30.58 -0.50 0.00	31.37 -0.41 0.00	33.51 -0.37 0.00	36.99 -0.34 0.00	42.98 -0.22 0.00	47.73 -0.10 0.00	43.54 -0.04 0.00	37.95 -0.04 0.00	35.99 0.00 0.00	32.74 0.00 0.00
BIXINCNT_115KV_LOAD 355685	28.35 -3.50 0.00	27.00 -3.65 0.00	25.70 -3.67 0.00	24.74 -3.50 0.00	24.61 -3.52 0.00	26.29 -3.62 0.00	29.43 -3.60 0.00	31.71 -4.16 0.00	34.08 -3.91 0.00	31.58 -3.74 0.00	31.42 -3.30 0.00	29.87 -3.36 0.00	27.54 -3.40 0.00	27.60 -3.20 0.00	27.53 -3.54 0.00	28.42 -3.37 0.00	30.60 -3.29 0.00	34.08 -3.25 0.00	40.26 -2.94 0.00	45.43 -2.39 0.00	42.01 -1.57 0.00	36.77 -1.22 0.00	35.49 -0.50 0.00	32.31 -0.43 0.00
BLACK RIVER___HYD 24047	31.95 0.10 0.00	30.71 0.06 0.00	29.49 0.12 0.00	28.35 0.11 0.00	28.01 -0.11 0.00	29.94 0.03 0.00	33.16 0.13 0.00	35.91 0.04 0.00	38.07 0.08 0.00	35.08 -0.25 0.00	34.44 -0.28 0.00	32.76 -0.47 0.00	30.51 -0.43 0.00	30.34 -0.46 0.00	30.58 -0.50 0.00	31.53 -0.26 0.00	33.71 -0.17 0.00	37.59 0.26 0.00	43.80 0.60 0.00	48.69 0.86 0.00	44.37 0.79 0.00	38.78 0.80 0.00	36.68 0.68 0.00	33.03 0.29 0.00
BLACKRVR_115KV_TB2 79977	31.95 0.10 0.00	30.71 0.06 0.00	29.49 0.12 0.00	28.35 0.11 0.00	28.04 -0.08 0.00	29.94 0.03 0.00	33.16 0.13 0.00	35.91 0.04 0.00	38.07 0.08 0.00	35.07 -0.25 0.00	34.44 -0.28 0.00	32.76 -0.47 0.00	30.51 -0.43 0.00	30.34 -0.46 0.00	30.58 -0.50 0.00	31.53 -0.25 0.00	33.71 -0.17 0.00	37.59 0.26 0.00	43.80 0.60 0.00	48.68 0.86 0.00	44.37 0.78 0.00	38.78 0.80 0.00	36.68 0.68 0.00	33.03 0.29 0.00
BLISS_WT_PWR 323608	28.16 -3.69 0.00	26.67 -3.98 0.00	25.46 -3.91 0.00	24.46 -3.78 0.00	24.19 -3.94 0.00	26.02 -3.89 0.00	29.07 -3.96 0.00	31.28 -4.59 0.00	33.66 -4.33 0.00	31.22 -4.10 0.00	31.07 -3.64 0.00	29.61 -3.62 0.00	27.26 -3.68 0.00	27.32 -3.48 0.00	27.25 -3.82 0.00	28.16 -3.62 0.00	30.32 -3.56 0.00	33.82 -3.51 0.00	40.30 -2.89 0.00	45.34 -2.49 0.00	41.97 -1.61 0.00	36.81 -1.18 0.00	35.52 -0.47 0.00	32.35 -0.39 0.00
BLUESTONE___WT_PWR 323821	32.68 0.83 0.00	31.32 0.67 0.00	29.93 0.56 0.00	28.77 0.54 0.00	28.63 0.51 0.00	30.57 0.66 0.00	33.82 0.79 0.00	36.77 0.90 0.00	39.02 1.03 0.00	36.10 0.78 0.00	35.59 0.87 0.00	33.86 0.63 0.00	31.40 0.46 0.00	31.27 0.46 0.00	31.51 0.43 0.00	32.49 0.70 0.00	34.73 0.85 0.00	38.67 1.34 0.00	45.05 1.86 0.00	50.03 2.20 0.00	45.67 2.09 0.00	39.96 1.97 0.00	37.86 1.87 0.00	34.18 1.44 0.00
BLUE_CIRC_CHEM_DRP 24182	32.65 0.80 0.00	31.48 0.83 0.00	30.25 0.88 0.00	29.11 0.88 0.00	29.03 0.90 0.00	30.87 0.96 0.00	33.99 0.96 0.00	36.74 0.86 0.00	38.64 0.65 0.00	35.96 0.64 0.00	35.27 0.56 0.00	33.82 0.60 0.00	31.53 0.59 0.00	31.39 0.59 0.00	31.67 0.59 0.00	32.39 0.60 0.00	34.56 0.68 0.00	37.96 0.63 0.00	44.06 0.86 0.00	48.73 0.91 0.00	44.37 0.78 0.00	38.71 0.72 0.00	36.68 0.68 0.00	33.36 0.62 0.00
BOC_GAS_DRP 24189	32.46 0.61 0.00	31.26 0.61 0.00	30.02 0.65 0.00	28.89 0.65 0.00	28.80 0.68 0.00	30.63 0.72 0.00	33.76 0.73 0.00	36.59 0.72 0.00	38.49 0.49 0.00	35.85 0.53 0.00	35.17 0.45 0.00	33.76 0.53 0.00	31.47 0.53 0.00	31.30 0.49 0.00	31.61 0.53 0.00	32.30 0.51 0.00	34.42 0.54 0.00	37.85 0.52 0.00	43.89 0.69 0.00	48.49 0.67 0.00	44.19 0.61 0.00	38.52 0.53 0.00	36.46 0.47 0.00	33.16 0.43 0.00
BOONVILLE_115KV_TB1 79983	32.17 0.32 0.00	30.96 0.31 0.00	29.75 0.38 0.00	28.63 0.40 0.00	28.35 0.23 0.00	30.24 0.33 0.00	33.43 0.40 0.00	36.31 0.43 0.00	38.49 0.49 0.00	35.64 0.32 0.00	35.03 0.31 0.00	33.43 0.20 0.00	31.09 0.15 0.00	30.93 0.12 0.00	31.20 0.12 0.00	32.11 0.32 0.00	34.25 0.37 0.00	37.93 0.60 0.00	44.02 0.82 0.00	48.78 0.96 0.00	44.45 0.87 0.00	38.78 0.80 0.00	36.71 0.72 0.00	33.23 0.49 0.00
BORALEX_4TH_BRANCH 23824	33.35 1.50 0.00	32.09 1.44 0.00	30.84 1.47 0.00	29.71 1.47 0.00	29.64 1.52 0.00	31.56 1.65 0.00	34.85 1.82 0.00	37.88 2.01 0.00	39.67 1.67 0.00	36.95 1.62 0.00	36.32 1.60 0.00	34.85 1.63 0.00	32.46 1.52 0.00	32.25 1.45 0.00	32.54 1.46 0.00	33.19 1.40 0.00	35.41 1.52 0.00	38.90 1.57 0.00	45.18 1.99 0.00	49.83 2.01 0.00	45.46 1.87 0.00	39.58 1.60 0.00	37.36 1.37 0.00	34.01 1.28 0.00
BOWLINE___1 23526	32.90 1.05 0.00	31.75 1.10 0.00	30.43 1.06 0.00	29.31 1.07 0.00	29.25 1.13 0.00	31.08 1.17 0.00	34.22 1.19 0.00	37.42 1.54 0.00	39.36 1.37 0.00	36.66 1.34 0.00	35.90 1.18 0.00	34.42 1.19 0.00	32.09 1.15 0.00	31.85 1.05 0.00	32.23 1.15 0.00	32.93 1.14 0.00	35.10 1.22 0.00	38.78 1.45 0.00	44.80 1.60 0.00	49.59 1.77 0.00	45.15 1.57 0.00	39.28 1.29 0.00	37.00 1.01 0.00	33.59 0.85 0.00
BOWLINE___2 23595	32.94 1.08 0.00	31.75 1.10 0.00	30.43 1.06 0.00	29.31 1.07 0.00	29.28 1.15 0.00	31.08 1.17 0.00	34.22 1.19 0.00	37.42 1.54 0.00	39.36 1.37 0.00	36.66 1.34 0.00	35.90 1.18 0.00	34.39 1.16 0.00	32.05 1.11 0.00	31.85 1.05 0.00	32.23 1.15 0.00	32.93 1.14 0.00	35.10 1.22 0.00	38.78 1.45 0.00	44.80 1.60 0.00	49.59 1.77 0.00	45.15 1.57 0.00	39.28 1.29 0.00	37.00 1.01 0.00	33.59 0.85 0.00
BRADY___115KV_TB2 356060	32.36 0.51 0.00	31.20 0.55 0.00	29.84 0.47 0.00	28.52 0.28 0.00	28.29 0.17 0.00	30.06 0.15 0.00	33.23 0.20 0.00	36.05 0.18 0.00	38.34 0.34 0.00	35.50 0.18 0.00	34.86 0.14 0.00	33.36 0.13 0.00	31.06 0.12 0.00	30.99 0.18 0.00	31.29 0.22 0.00	32.07 0.29 0.00	34.22 0.34 0.00	37.85 0.52 0.00	43.84 0.65 0.00	48.59 0.77 0.00	44.24 0.65 0.00	38.55 0.57 0.00	36.53 0.54 0.00	33.20 0.46 0.00
BRANSCOMB___SOLAR 323811	33.25 1.40 0.00	32.06 1.41 0.00	30.72 1.35 0.00	29.59 1.36 0.00	29.53 1.41 0.00	31.43 1.52 0.00	34.68 1.65 0.00	37.67 1.79 0.00	39.67 1.67 0.00	36.91 1.59 0.00	36.28 1.56 0.00	34.72 1.50 0.00	32.21 1.27 0.00	32.04 1.23 0.00	32.35 1.27 0.00	33.09 1.30 0.00	35.34 1.46 0.00	38.90 1.57 0.00	45.18 1.99 0.00	49.98 2.15 0.00	45.50 1.92 0.00	39.65 1.67 0.00	37.54 1.55 0.00	34.11 1.37 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	33.73 1.88 0.00	32.43 1.78 0.00	31.13 1.76 0.00	29.96 1.72 0.00	29.84 1.72 0.00	31.97 2.06 0.00	35.28 2.25 0.00	46.27 2.98 -7.41	40.66 2.66 0.00	37.44 2.12 0.00	36.56 1.84 0.00	34.95 1.73 0.00	32.49 1.55 0.00	32.25 1.45 0.00	32.79 1.71 0.00	33.41 1.62 0.00	35.75 1.86 0.00	39.83 2.50 0.00	45.92 2.72 0.00	50.88 3.06 0.00	46.33 2.75 0.00	40.72 2.73 0.00	38.01 2.02 0.00	34.60 1.87 0.00

BRISTLHL_115KV_TB1 79998	31.22 -0.64 0.00	29.98 -0.67 0.00	28.75 -0.62 0.00	27.62 -0.62 0.00	27.54 -0.59 0.00	29.31 -0.60 0.00	32.40 -0.63 0.00	35.16 -0.72 0.00	37.31 -0.68 0.00	34.65 -0.67 0.00	34.09 -0.62 0.00	32.56 -0.66 0.00	30.29 -0.65 0.00	30.16 -0.65 0.00	30.39 -0.68 0.00	31.09 -0.70 0.00	33.14 -0.75 0.00	36.51 -0.82 0.00	42.29 -0.91 0.00	46.87 -0.96 0.00	42.71 -0.87 0.00	37.26 -0.72 0.00	35.31 -0.68 0.00	32.12 -0.62 0.00
BROOKHAVEN___DRP 24191	33.35 1.50 0.00	32.15 1.50 0.00	30.93 1.56 0.00	29.76 1.52 0.00	29.62 1.49 0.00	31.85 1.94 0.00	35.21 2.18 0.00	46.19 2.91 -7.41	40.51 2.51 0.00	37.12 1.80 0.00	36.18 1.46 0.00	34.49 1.26 0.00	32.05 1.11 0.00	31.82 1.02 0.00	32.38 1.31 0.00	32.96 1.18 0.00	35.20 1.32 0.00	39.46 2.13 0.00	45.31 2.12 0.00	50.50 2.68 0.00	45.94 2.35 0.00	40.42 2.43 0.00	37.58 1.58 0.00	34.37 1.64 0.00
BROOKLYN_NAVY_YARD 23515	33.38 1.53 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.71 1.47 0.00	29.67 1.55 0.00	31.52 1.61 0.00	34.68 1.65 0.00	37.96 2.08 0.00	40.01 2.01 0.00	37.30 1.98 0.00	36.49 1.77 0.00	34.99 1.76 0.00	32.61 1.67 0.00	32.40 1.60 0.00	32.82 1.74 0.00	33.50 1.72 0.00	35.74 1.86 0.00	39.53 2.20 0.00	45.61 2.42 0.00	50.45 2.63 0.00	45.93 2.35 0.00	39.88 1.90 0.00	37.54 1.55 0.00	34.05 1.31 0.00
BROOKLYN___ARMY_DRP 323595	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
BROOKVLE_69_KV_TB1 55790	33.73 1.88 0.00	32.43 1.78 0.00	31.10 1.73 0.00	29.93 1.69 0.00	29.84 1.72 0.00	31.85 1.94 0.00	35.11 2.08 0.00	46.05 2.76 -7.41	40.51 2.51 0.00	37.48 2.15 0.00	36.63 1.91 0.00	35.09 1.86 0.00	32.64 1.70 0.00	32.44 1.63 0.00	32.91 1.83 0.00	33.57 1.78 0.00	35.85 1.97 0.00	39.83 2.50 0.00	46.00 2.81 0.00	50.98 3.16 0.00	46.41 2.83 0.00	40.53 2.54 0.00	37.97 1.98 0.00	34.47 1.74 0.00
BROOME_2_LFGE 323671	31.47 -0.38 0.00	30.19 -0.46 0.00	28.90 -0.47 0.00	27.79 -0.45 0.00	27.65 -0.48 0.00	29.46 -0.45 0.00	32.64 -0.39 0.00	35.37 -0.50 0.00	37.58 -0.42 0.00	34.90 -0.42 0.00	34.37 -0.35 0.00	32.79 -0.43 0.00	30.48 -0.46 0.00	30.37 -0.43 0.00	30.58 -0.50 0.00	31.37 -0.41 0.00	33.51 -0.37 0.00	36.99 -0.34 0.00	43.02 -0.17 0.00	47.73 -0.17 0.00	43.54 -0.04 0.00	37.98 0.00 0.00	35.99 0.00 0.00	32.74 0.00 0.00
BROOME___LFGE 323600	31.47 -0.38 0.00	30.19 -0.46 0.00	28.90 -0.47 0.00	27.79 -0.45 0.00	27.65 -0.48 0.00	29.46 -0.45 0.00	32.64 -0.39 0.00	35.37 -0.50 0.00	37.58 -0.42 0.00	34.90 -0.42 0.00	34.37 -0.35 0.00	32.79 -0.43 0.00	30.48 -0.46 0.00	30.37 -0.43 0.00	30.58 -0.50 0.00	31.37 -0.41 0.00	33.51 -0.37 0.00	36.99 -0.34 0.00	43.02 -0.17 0.00	47.73 -0.10 0.00	43.54 -0.04 0.00	37.98 0.00 0.00	35.99 0.00 0.00	32.74 0.00 0.00
BROWNFLS_115KV_TB_3_5 80003	31.35 -0.51 0.00	30.22 -0.43 0.00	29.02 -0.35 0.00	27.81 -0.42 0.00	27.45 -0.68 0.00	29.25 -0.66 0.00	32.37 -0.66 0.00	35.12 -0.75 0.00	37.31 -0.68 0.00	34.51 -0.81 0.00	33.89 -0.83 0.00	32.36 -0.86 0.00	30.14 -0.80 0.00	30.00 -0.80 0.00	30.30 -0.78 0.00	31.18 -0.60 0.00	33.27 -0.61 0.00	36.88 -0.45 0.00	42.81 -0.39 0.00	47.44 -0.38 0.00	43.23 -0.35 0.00	37.72 -0.27 0.00	35.71 -0.29 0.00	32.28 -0.46 0.00
BROWNSV1_27_KV_LOAD 356125	33.64 1.78 0.00	32.40 1.75 0.00	30.99 1.62 0.00	29.88 1.64 0.00	29.79 1.66 0.00	31.70 1.79 0.00	34.85 1.82 0.00	38.14 2.26 0.00	40.16 2.17 0.00	37.44 2.12 0.00	36.63 1.91 0.00	35.15 1.93 0.00	32.77 1.83 0.00	32.56 1.76 0.00	32.97 1.90 0.00	33.66 1.88 0.00	35.91 2.03 0.00	39.68 2.35 0.00	45.92 2.72 0.00	50.74 2.92 0.00	46.20 2.61 0.00	40.07 2.09 0.00	37.76 1.76 0.00	34.24 1.51 0.00
BURROWS___LYONSDAL 23803	32.01 0.16 0.00	30.80 0.15 0.00	29.66 0.29 0.00	28.55 0.31 0.00	28.18 0.06 0.00	30.09 0.18 0.00	33.26 0.23 0.00	36.09 0.22 0.00	38.26 0.27 0.00	35.43 0.11 0.00	34.79 0.07 0.00	33.19 -0.03 0.00	30.91 -0.03 0.00	30.71 -0.09 0.00	30.98 -0.09 0.00	31.95 0.16 0.00	34.09 0.20 0.00	37.82 0.49 0.00	43.89 0.69 0.00	48.64 0.81 0.00	44.32 0.74 0.00	38.67 0.68 0.00	36.61 0.61 0.00	33.10 0.36 0.00
CAITHNESS_CC_1 323624	33.32 1.47 0.00	32.12 1.47 0.00	30.84 1.47 0.00	29.71 1.47 0.00	29.67 1.55 0.00	31.73 1.82 0.00	35.05 2.02 0.00	46.13 2.83 -7.42	40.43 2.43 0.00	37.09 1.77 0.00	36.18 1.46 0.00	34.52 1.29 0.00	32.09 1.15 0.00	31.88 1.08 0.00	32.41 1.34 0.00	32.96 1.18 0.00	35.07 1.19 0.00	39.46 2.13 0.00	45.09 1.90 0.00	50.40 2.58 0.00	45.89 2.31 0.00	40.38 2.39 0.00	37.58 1.58 0.00	34.34 1.60 0.00
CALPINE BETH_PAGE_GT4 24209	33.67 1.82 0.00	32.37 1.72 0.00	31.05 1.67 0.00	29.90 1.67 0.00	29.79 1.66 0.00	31.82 1.91 0.00	35.08 2.05 0.00	46.05 2.76 -7.41	40.47 2.47 0.00	37.41 2.08 0.00	36.52 1.81 0.00	34.99 1.76 0.00	32.55 1.61 0.00	32.34 1.54 0.00	32.82 1.74 0.00	33.47 1.68 0.00	35.78 1.90 0.00	39.64 2.31 0.00	45.70 2.51 0.00	50.65 2.82 0.00	46.11 2.53 0.00	40.34 2.36 0.00	37.76 1.76 0.00	34.28 1.54 0.00
CALPINE_BETH_PAGE_GT_4 323586	33.64 1.78 0.00	32.37 1.72 0.00	31.01 1.64 0.00	29.88 1.64 0.00	29.84 1.72 0.00	31.80 1.89 0.00	35.01 1.98 0.00	46.06 2.76 -7.42	40.47 2.47 0.00	37.41 2.08 0.00	36.52 1.80 0.00	34.95 1.73 0.00	32.55 1.61 0.00	32.34 1.54 0.00	32.82 1.74 0.00	33.44 1.65 0.00	35.64 1.76 0.00	39.65 2.32 0.00	45.53 2.33 0.00	50.60 2.77 0.00	46.11 2.53 0.00	40.34 2.36 0.00	37.76 1.76 0.00	34.28 1.54 0.00
CALPINE_BP_GT1 23823	33.64 1.78 0.00	32.37 1.72 0.00	31.01 1.64 0.00	29.88 1.64 0.00	29.84 1.72 0.00	31.80 1.89 0.00	35.01 1.98 0.00	46.06 2.76 -7.42	40.47 2.47 0.00	37.41 2.08 0.00	36.52 1.80 0.00	34.95 1.73 0.00	32.55 1.61 0.00	32.34 1.54 0.00	32.82 1.74 0.00	33.44 1.65 0.00	35.64 1.76 0.00	39.65 2.32 0.00	45.53 2.33 0.00	50.60 2.77 0.00	46.11 2.53 0.00	40.34 2.36 0.00	37.76 1.76 0.00	34.28 1.54 0.00
CALSPAN___DRP 24200	29.31 -2.55 0.00	27.86 -2.79 0.00	26.55 -2.82 0.00	25.56 -2.68 0.00	25.45 -2.67 0.00	27.07 -2.84 0.00	30.42 -2.61 0.00	32.68 -3.19 0.00	35.19 -2.81 0.00	32.64 -2.68 0.00	32.43 -2.29 0.00	30.70 -2.53 0.00	28.43 -2.51 0.00	28.46 -2.34 0.00	28.44 -2.64 0.00	29.37 -2.42 0.00	31.54 -2.34 0.00	34.83 -2.50 0.00	40.73 -2.46 0.00	45.48 -2.34 0.00	41.75 -1.83 0.00	36.35 -1.63 0.00	35.13 -0.86 0.00	31.98 -0.75 0.00

CALVERTON___SOLAR 323806	33.32 1.47 0.00	32.18 1.53 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.80 1.89 0.00	35.18 2.15 0.00	46.31 3.01 -7.42	40.58 2.59 0.00	37.12 1.80 0.00	36.18 1.46 0.00	34.46 1.23 0.00	32.02 1.08 0.00	31.79 0.99 0.00	32.35 1.27 0.00	32.90 1.11 0.00	35.00 1.12 0.00	39.46 2.13 0.00	45.09 1.90 0.00	50.45 2.63 0.00	45.98 2.40 0.00	40.45 2.47 0.00	37.58 1.58 0.00	34.41 1.67 0.00
CANDIGU_WT_PWR 323617	29.59 -2.26 0.00	28.17 -2.48 0.00	26.96 -2.41 0.00	25.89 -2.34 0.00	25.71 -2.42 0.00	27.46 -2.45 0.00	30.55 -2.48 0.00	33.00 -2.87 0.00	35.19 -2.81 0.00	32.60 -2.72 0.00	32.22 -2.50 0.00	30.60 -2.63 0.00	28.40 -2.54 0.00	28.31 -2.49 0.00	28.47 -2.61 0.00	29.37 -2.42 0.00	31.51 -2.37 0.00	35.16 -2.17 0.00	41.47 -1.73 0.00	46.44 -1.39 0.00	42.62 -0.96 0.00	37.19 -0.80 0.00	35.49 -0.50 0.00	32.25 -0.49 0.00
CARR STREET_E_SYR 24060	31.51 -0.35 0.00	30.22 -0.43 0.00	28.96 -0.41 0.00	27.84 -0.40 0.00	27.70 -0.42 0.00	29.52 -0.39 0.00	32.64 -0.39 0.00	35.41 -0.47 0.00	37.62 -0.38 0.00	34.93 -0.39 0.00	34.37 -0.35 0.00	32.83 -0.40 0.00	30.54 -0.40 0.00	30.43 -0.37 0.00	30.64 -0.44 0.00	31.37 -0.41 0.00	33.44 -0.44 0.00	36.84 -0.49 0.00	42.72 -0.47 0.00	47.35 -0.48 0.00	43.19 -0.39 0.00	37.64 -0.34 0.00	35.67 -0.32 0.00	32.44 -0.30 0.00
CARTHAGE___PAPER 23857	31.76 -0.10 0.00	30.56 -0.09 0.00	29.40 0.03 0.00	28.24 0.00 0.00	27.84 -0.28 0.00	29.73 -0.18 0.00	32.93 -0.10 0.00	35.70 -0.18 0.00	37.85 -0.15 0.00	34.90 -0.42 0.00	34.23 -0.49 0.00	32.59 -0.63 0.00	30.35 -0.59 0.00	30.19 -0.62 0.00	30.46 -0.62 0.00	31.44 -0.35 0.00	33.61 -0.27 0.00	37.40 0.07 0.00	43.58 0.39 0.00	48.40 0.58 0.00	44.11 0.52 0.00	38.52 0.53 0.00	36.43 0.43 0.00	32.84 0.10 0.00
CASSADAGA_WT_PWR 323784	28.70 -3.15 0.00	27.22 -3.43 0.00	25.96 -3.41 0.00	24.99 -3.25 0.00	24.67 -3.46 0.00	26.35 -3.56 0.00	29.60 -3.44 0.00	31.86 -4.02 0.00	34.23 -3.76 0.00	31.76 -3.57 0.00	31.56 -3.16 0.00	29.94 -3.29 0.00	27.75 -3.19 0.00	27.69 -3.11 0.00	27.66 -3.42 0.00	28.71 -3.08 0.00	30.93 -2.95 0.00	34.38 -2.95 0.00	41.04 -2.16 0.00	46.01 -1.82 0.00	42.49 -1.09 0.00	37.04 -0.95 0.00	35.74 -0.25 0.00	32.61 -0.13 0.00
CE_DUNWOOD___DRP 24194	33.26 1.40 0.00	32.03 1.38 0.00	30.69 1.32 0.00	29.57 1.33 0.00	29.48 1.35 0.00	31.38 1.47 0.00	34.52 1.49 0.00	37.78 1.90 0.00	39.75 1.75 0.00	37.02 1.70 0.00	36.21 1.49 0.00	34.75 1.53 0.00	32.39 1.45 0.00	32.19 1.39 0.00	32.57 1.49 0.00	33.25 1.46 0.00	35.47 1.59 0.00	39.20 1.87 0.00	45.36 2.16 0.00	50.12 2.30 0.00	45.63 2.05 0.00	39.69 1.71 0.00	37.36 1.37 0.00	33.88 1.15 0.00
CE_MILLWOOD___DRP 24193	33.13 1.27 0.00	31.94 1.29 0.00	30.58 1.20 0.00	29.48 1.24 0.00	29.39 1.27 0.00	31.26 1.35 0.00	34.42 1.39 0.00	37.63 1.76 0.00	39.59 1.60 0.00	36.84 1.52 0.00	36.07 1.35 0.00	34.62 1.40 0.00	32.27 1.33 0.00	32.03 1.23 0.00	32.41 1.34 0.00	33.12 1.34 0.00	35.34 1.46 0.00	39.01 1.68 0.00	45.14 1.94 0.00	49.93 2.10 0.00	45.46 1.87 0.00	39.50 1.52 0.00	37.22 1.22 0.00	33.79 1.05 0.00
CE_NYC2_DRP 24202	33.62 1.72 -0.05	32.38 1.72 -0.01	31.21 1.62 -0.22	30.60 1.64 -0.72	30.51 1.66 -0.72	32.33 1.76 -0.65	34.85 1.82 0.00	38.54 2.22 -0.45	40.52 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.65 1.79 -2.91	35.47 1.72 -2.94	35.79 1.83 -2.88	36.57 1.84 -2.94	38.68 1.97 -2.84	48.53 2.28 -8.93	50.22 2.63 -4.39	52.44 2.82 -1.79	50.17 2.53 -4.07	42.05 2.05 -2.02	38.25 1.73 -0.52	34.81 1.47 -0.60
CE_NYC_DRP 24195	33.45 1.59 0.00	32.24 1.59 0.00	30.84 1.47 0.00	29.74 1.50 0.00	29.64 1.52 0.00	31.56 1.65 0.00	34.68 1.65 0.00	37.96 2.08 0.00	39.97 1.98 0.00	37.26 1.94 0.00	36.45 1.74 0.00	34.99 1.76 0.00	32.61 1.67 0.00	32.40 1.60 0.00	32.79 1.71 0.00	33.50 1.72 0.00	35.71 1.83 0.00	39.46 2.13 0.00	45.66 2.46 0.00	50.45 2.63 0.00	45.89 2.31 0.00	39.85 1.86 0.00	37.54 1.55 0.00	34.05 1.31 0.00
CHAFFEE___LFGE 323603	29.43 -2.42 0.00	27.98 -2.67 0.00	26.73 -2.64 0.00	25.73 -2.51 0.00	25.51 -2.61 0.00	27.22 -2.69 0.00	30.55 -2.48 0.00	32.90 -2.98 0.00	35.26 -2.74 0.00	32.74 -2.58 0.00	32.39 -2.33 0.00	30.77 -2.46 0.00	28.50 -2.44 0.00	28.43 -2.37 0.00	28.50 -2.58 0.00	29.44 -2.35 0.00	31.58 -2.31 0.00	34.87 -2.46 0.00	41.04 -2.16 0.00	45.72 -2.10 0.00	41.97 -1.61 0.00	36.54 -1.44 0.00	35.02 -0.97 0.00	31.92 -0.82 0.00
CHATEAUG_35_KV_LOAD 355732	32.30 0.45 0.00	31.05 0.40 0.00	29.58 0.21 0.00	28.18 -0.06 0.00	27.90 -0.23 0.00	29.40 -0.51 0.00	32.50 -0.53 0.00	35.37 -0.50 0.00	37.73 -0.27 0.00	35.11 -0.21 0.00	34.61 -0.10 0.00	33.23 0.00 0.00	31.00 0.06 0.00	30.99 0.18 0.00	31.33 0.25 0.00	32.07 0.29 0.00	34.22 0.34 0.00	37.78 0.45 0.00	43.67 0.48 0.00	48.40 0.57 0.00	44.06 0.48 0.00	38.29 0.30 0.00	36.21 0.22 0.00	32.87 0.13 0.00
CHATEAUG_WT_PWR 323614	32.30 0.45 0.00	31.05 0.40 0.00	29.58 0.21 0.00	28.18 -0.06 0.00	27.93 -0.20 0.00	29.43 -0.48 0.00	32.54 -0.49 0.00	35.45 -0.43 0.00	37.73 -0.26 0.00	35.11 -0.21 0.00	34.62 -0.10 0.00	33.23 0.00 0.00	31.00 0.06 0.00	30.99 0.19 0.00	31.30 0.22 0.00	32.07 0.29 0.00	34.19 0.30 0.00	37.78 0.45 0.00	43.67 0.48 0.00	48.40 0.58 0.00	44.02 0.44 0.00	38.29 0.30 0.00	36.21 0.22 0.00	32.87 0.13 0.00
CHAT_HIGH_FALL_HYD 323578	32.30 0.45 0.00	31.05 0.40 0.00	29.58 0.21 0.00	28.18 -0.06 0.00	27.90 -0.23 0.00	29.40 -0.51 0.00	32.50 -0.53 0.00	35.37 -0.50 0.00	37.73 -0.27 0.00	35.11 -0.21 0.00	34.61 -0.10 0.00	33.23 0.00 0.00	31.00 0.06 0.00	30.99 0.18 0.00	31.33 0.25 0.00	32.07 0.29 0.00	34.22 0.34 0.00	37.78 0.45 0.00	43.67 0.48 0.00	48.40 0.57 0.00	44.06 0.48 0.00	38.29 0.30 0.00	36.21 0.22 0.00	32.87 0.13 0.00
CHAUTAUQUA___LFGE 323629	29.28 -2.58 0.00	27.77 -2.88 0.00	26.49 -2.88 0.00	25.50 -2.74 0.00	25.20 -2.93 0.00	26.95 -2.96 0.00	30.26 -2.77 0.00	32.54 -3.34 0.00	34.99 -3.00 0.00	32.43 -2.90 0.00	32.22 -2.50 0.00	30.57 -2.66 0.00	28.31 -2.63 0.00	28.28 -2.53 0.00	28.31 -2.77 0.00	29.31 -2.48 0.00	31.48 -2.40 0.00	34.87 -2.46 0.00	41.30 -1.90 0.00	46.10 -1.72 0.00	42.41 -1.17 0.00	36.96 -1.02 0.00	35.60 -0.40 0.00	32.44 -0.30 0.00
CHERRYST_13_KV_LD 356241	33.54 1.69 0.00	32.31 1.66 0.00	30.93 1.56 0.00	29.82 1.58 0.00	29.73 1.60 0.00	31.61 1.70 0.00	34.78 1.75 0.00	38.03 2.15 0.00	40.05 2.05 0.00	37.37 2.05 0.00	36.52 1.81 0.00	35.05 1.83 0.00	32.67 1.73 0.00	32.47 1.66 0.00	32.88 1.80 0.00	33.57 1.78 0.00	35.81 1.93 0.00	39.57 2.24 0.00	45.79 2.59 0.00	50.60 2.77 0.00	46.02 2.44 0.00	39.96 1.98 0.00	37.61 1.62 0.00	34.11 1.37 0.00

CHESTROR_138KV_BK263 355645	32.81 0.96 0.00	31.60 0.95 0.00	30.28 0.91 0.00	29.17 0.93 0.00	29.08 0.96 0.00	30.93 1.02 0.00	34.09 1.06 0.00	37.17 1.29 0.00	39.14 1.14 0.00	36.42 1.09 0.00	35.69 0.97 0.00	34.19 0.96 0.00	31.87 0.93 0.00	31.67 0.86 0.00	32.04 0.96 0.00	32.74 0.95 0.00	34.90 1.02 0.00	38.56 1.23 0.00	44.62 1.43 0.00	49.35 1.53 0.00	44.93 1.35 0.00	39.12 1.14 0.00	36.89 0.90 0.00	33.49 0.75 0.00
CH_MIDHUDSON___DRP 24192	33.16 1.31 0.00	31.97 1.32 0.00	30.60 1.23 0.00	29.48 1.24 0.00	29.42 1.29 0.00	31.32 1.41 0.00	34.45 1.42 0.00	37.56 1.69 0.00	39.56 1.56 0.00	36.81 1.48 0.00	36.04 1.32 0.00	34.56 1.33 0.00	32.18 1.24 0.00	31.97 1.17 0.00	32.35 1.27 0.00	33.06 1.27 0.00	35.24 1.36 0.00	38.94 1.61 0.00	45.14 1.94 0.00	49.88 2.06 0.00	45.41 1.83 0.00	39.50 1.52 0.00	37.25 1.26 0.00	33.85 1.11 0.00
CH_MISC_IPPS 23765	33.22 1.37 0.00	32.03 1.38 0.00	30.66 1.29 0.00	29.54 1.30 0.00	29.50 1.38 0.00	31.35 1.44 0.00	34.52 1.49 0.00	37.63 1.76 0.00	39.67 1.67 0.00	36.84 1.52 0.00	36.07 1.35 0.00	34.56 1.33 0.00	32.21 1.27 0.00	32.00 1.20 0.00	32.38 1.31 0.00	33.09 1.30 0.00	35.27 1.39 0.00	39.05 1.72 0.00	45.23 2.03 0.00	50.03 2.20 0.00	45.54 1.96 0.00	39.62 1.63 0.00	37.36 1.37 0.00	33.95 1.21 0.00
CH_RES_BVR_FALLS 23983	31.57 -0.29 0.00	30.40 -0.25 0.00	29.14 -0.24 0.00	28.01 -0.23 0.00	27.90 -0.23 0.00	29.64 -0.27 0.00	32.73 -0.30 0.00	35.59 -0.29 0.00	37.77 -0.23 0.00	35.11 -0.21 0.00	34.55 -0.17 0.00	33.09 -0.13 0.00	30.82 -0.12 0.00	30.71 -0.09 0.00	30.98 -0.09 0.00	31.72 -0.06 0.00	33.81 -0.07 0.00	37.29 -0.04 0.00	43.15 -0.04 0.00	47.78 -0.05 0.00	43.54 -0.04 0.00	37.95 -0.04 0.00	35.96 -0.04 0.00	32.67 -0.07 0.00
CH_RES_NIAGARA 23895	28.57 -3.28 0.00	27.16 -3.49 0.00	25.88 -3.50 0.00	24.91 -3.33 0.00	24.92 -3.21 0.00	26.38 -3.53 0.00	29.66 -3.37 0.00	31.79 -4.09 0.00	34.31 -3.69 0.00	31.75 -3.57 0.00	31.56 -3.16 0.00	29.90 -3.32 0.00	27.72 -3.22 0.00	27.75 -3.05 0.00	27.72 -3.36 0.00	28.61 -3.18 0.00	30.66 -3.22 0.00	33.78 -3.55 0.00	39.39 -3.80 0.00	43.90 -3.92 0.00	40.27 -3.31 0.00	35.10 -2.89 0.00	34.01 -1.98 0.00	30.97 -1.77 0.00
CH_RES_SYRACUSE 23985	31.66 -0.19 0.00	30.40 -0.25 0.00	29.14 -0.24 0.00	28.01 -0.23 0.00	27.87 -0.25 0.00	29.70 -0.21 0.00	32.83 -0.20 0.00	35.63 -0.25 0.00	37.85 -0.15 0.00	35.15 -0.18 0.00	34.58 -0.14 0.00	33.03 -0.20 0.00	30.72 -0.22 0.00	30.62 -0.18 0.00	30.83 -0.25 0.00	31.57 -0.22 0.00	33.65 -0.24 0.00	37.07 -0.26 0.00	43.02 -0.17 0.00	47.63 -0.19 0.00	43.45 -0.13 0.00	37.87 -0.11 0.00	35.89 -0.11 0.00	32.61 -0.13 0.00
CLINTON_WT_PWR 323605	32.30 0.45 0.00	31.05 0.40 0.00	29.58 0.21 0.00	28.18 -0.06 0.00	27.93 -0.20 0.00	29.43 -0.48 0.00	32.54 -0.49 0.00	35.45 -0.43 0.00	37.73 -0.26 0.00	35.11 -0.21 0.00	34.62 -0.10 0.00	33.23 0.00 0.00	31.00 0.06 0.00	30.99 0.19 0.00	31.30 0.22 0.00	32.07 0.29 0.00	34.19 0.30 0.00	37.78 0.45 0.00	43.67 0.48 0.00	48.40 0.58 0.00	44.02 0.44 0.00	38.29 0.30 0.00	36.21 0.22 0.00	32.87 0.13 0.00
CLINTON___LFGE 323618	32.97 1.11 0.00	31.72 1.07 0.00	30.19 0.82 0.00	28.72 0.48 0.00	28.44 0.31 0.00	29.85 -0.06 0.00	33.10 0.07 0.00	36.06 0.18 0.00	38.42 0.42 0.00	35.71 0.39 0.00	35.17 0.45 0.00	33.69 0.46 0.00	31.40 0.46 0.00	31.42 0.62 0.00	31.76 0.68 0.00	32.52 0.73 0.00	34.73 0.85 0.00	38.41 1.08 0.00	44.49 1.29 0.00	49.35 1.53 0.00	44.89 1.31 0.00	39.01 1.03 0.00	36.89 0.90 0.00	33.46 0.72 0.00
COBBLENY_34_KV_TB1 80064	29.34 -2.52 0.00	28.01 -2.64 0.00	26.67 -2.70 0.00	25.70 -2.54 0.00	25.57 -2.56 0.00	27.19 -2.72 0.00	30.55 -2.48 0.00	32.90 -2.98 0.00	35.26 -2.74 0.00	32.74 -2.58 0.00	32.43 -2.29 0.00	30.73 -2.49 0.00	28.46 -2.48 0.00	28.40 -2.40 0.00	28.47 -2.61 0.00	29.37 -2.42 0.00	31.54 -2.34 0.00	34.87 -2.46 0.00	40.82 -2.38 0.00	45.67 -2.15 0.00	41.93 -1.66 0.00	36.50 -1.48 0.00	35.02 -0.97 0.00	31.92 -0.82 0.00
COFFEEN___115KV_TB3 355620	32.14 0.29 0.00	30.87 0.21 0.00	29.64 0.26 0.00	28.52 0.28 0.00	28.21 0.08 0.00	30.12 0.21 0.00	33.36 0.33 0.00	36.13 0.25 0.00	38.26 0.27 0.00	35.25 -0.07 0.00	34.58 -0.14 0.00	32.89 -0.33 0.00	30.63 -0.31 0.00	30.46 -0.34 0.00	30.67 -0.40 0.00	31.66 -0.13 0.00	33.85 -0.03 0.00	37.78 0.45 0.00	44.06 0.86 0.00	48.97 1.15 0.00	44.67 1.09 0.00	39.05 1.06 0.00	36.89 0.90 0.00	33.20 0.46 0.00
COLDSPRG_115KV_BK1 355956	29.47 -2.39 0.00	28.11 -2.54 0.00	26.73 -2.64 0.00	25.75 -2.48 0.00	25.59 -2.53 0.00	27.25 -2.66 0.00	30.65 -2.38 0.00	33.01 -2.87 0.00	35.45 -2.55 0.00	32.88 -2.44 0.00	32.67 -2.05 0.00	30.90 -2.33 0.00	28.65 -2.29 0.00	28.58 -2.22 0.00	28.59 -2.49 0.00	29.59 -2.19 0.00	31.85 -2.03 0.00	35.31 -2.02 0.00	41.60 -1.60 0.00	46.68 -1.15 0.00	42.97 -0.61 0.00	37.42 -0.57 0.00	36.03 0.04 0.00	32.84 0.10 0.00
COLONIE_LFGE___ 323577	32.97 1.11 0.00	31.75 1.10 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.28 1.15 0.00	31.17 1.26 0.00	34.39 1.35 0.00	37.27 1.40 0.00	39.18 1.18 0.00	36.49 1.16 0.00	35.86 1.14 0.00	34.39 1.16 0.00	31.99 1.05 0.00	31.82 1.01 0.00	32.10 1.02 0.00	32.80 1.02 0.00	35.00 1.12 0.00	38.49 1.16 0.00	44.62 1.42 0.00	49.35 1.53 0.00	44.98 1.39 0.00	39.16 1.18 0.00	37.07 1.08 0.00	33.72 0.98 0.00
COOPERNY_115KV_TB1 80082	32.52 0.67 0.00	31.29 0.64 0.00	29.99 0.62 0.00	28.89 0.65 0.00	28.77 0.65 0.00	30.63 0.72 0.00	33.76 0.73 0.00	36.81 0.93 0.00	38.83 0.84 0.00	36.10 0.78 0.00	35.41 0.69 0.00	33.92 0.70 0.00	31.59 0.65 0.00	31.42 0.62 0.00	31.73 0.65 0.00	32.46 0.67 0.00	34.63 0.75 0.00	38.23 0.90 0.00	44.23 1.04 0.00	48.92 1.10 0.00	44.58 1.00 0.00	38.82 0.84 0.00	36.68 0.68 0.00	33.29 0.56 0.00
COPENHAGEN_WT_PWR 323753	31.85 0.00 0.00	30.62 -0.03 0.00	29.40 0.03 0.00	28.27 0.03 0.00	27.96 -0.17 0.00	29.88 -0.03 0.00	33.06 0.03 0.00	35.84 -0.04 0.00	37.96 -0.04 0.00	35.00 -0.32 0.00	34.37 -0.35 0.00	32.73 -0.50 0.00	30.48 -0.46 0.00	30.31 -0.49 0.00	30.52 -0.56 0.00	31.47 -0.32 0.00	33.65 -0.24 0.00	37.48 0.15 0.00	43.63 0.43 0.00	48.49 0.67 0.00	44.19 0.61 0.00	38.59 0.61 0.00	36.50 0.50 0.00	32.90 0.16 0.00
CORNELL_____ 23752	32.08 0.22 0.00	30.77 0.12 0.00	29.46 0.09 0.00	28.32 0.08 0.00	28.21 0.08 0.00	30.06 0.15 0.00	33.26 0.23 0.00	36.13 0.25 0.00	38.34 0.34 0.00	35.53 0.21 0.00	34.93 0.21 0.00	33.29 0.07 0.00	30.94 0.00 0.00	30.80 0.00 0.00	31.05 -0.03 0.00	31.88 0.10 0.00	34.05 0.17 0.00	37.70 0.37 0.00	43.84 0.65 0.00	48.68 0.86 0.00	44.41 0.83 0.00	38.74 0.76 0.00	36.64 0.65 0.00	33.23 0.49 0.00

CORONA_69_KV_TB1 355595	33.64 1.78 0.00	32.37 1.72 0.00	31.02 1.64 0.00	29.88 1.64 0.00	29.76 1.63 0.00	31.76 1.85 0.00	34.98 1.95 0.00	45.91 2.62 -7.41	40.35 2.36 0.00	37.33 2.01 0.00	36.52 1.81 0.00	34.99 1.76 0.00	32.58 1.64 0.00	32.34 1.54 0.00	32.82 1.74 0.00	33.47 1.68 0.00	35.75 1.86 0.00	39.68 2.35 0.00	45.83 2.63 0.00	50.79 2.97 0.00	46.24 2.66 0.00	40.42 2.43 0.00	37.90 1.91 0.00	34.37 1.64 0.00
CORTLAND_115KV_TB3 80093	31.89 0.03 0.00	30.62 -0.03 0.00	29.31 -0.06 0.00	28.18 -0.06 0.00	28.07 -0.06 0.00	29.91 0.00 0.00	33.10 0.07 0.00	35.91 0.04 0.00	38.11 0.11 0.00	35.36 0.04 0.00	34.79 0.07 0.00	33.19 -0.03 0.00	30.85 -0.09 0.00	30.71 -0.09 0.00	30.95 -0.12 0.00	31.72 -0.06 0.00	33.88 0.00 0.00	37.44 0.11 0.00	43.46 0.26 0.00	48.21 0.38 0.00	43.97 0.39 0.00	38.36 0.38 0.00	36.32 0.32 0.00	32.97 0.23 0.00
COXSACKIE___GT 23611	33.67 1.81 0.00	32.43 1.78 0.00	31.10 1.73 0.00	29.93 1.69 0.00	29.87 1.74 0.00	31.85 1.94 0.00	35.01 1.98 0.00	37.53 1.65 0.00	39.48 1.48 0.00	36.49 1.16 0.00	35.73 1.01 0.00	34.19 0.96 0.00	31.81 0.87 0.00	31.63 0.83 0.00	31.95 0.87 0.00	32.77 0.99 0.00	34.97 1.08 0.00	38.78 1.45 0.00	45.40 2.20 0.00	50.17 2.34 0.00	45.72 2.13 0.00	39.85 1.86 0.00	37.69 1.69 0.00	34.41 1.67 0.00
CPV_VALLEY___CC1 323721	32.59 0.73 0.00	31.42 0.77 0.00	30.07 0.70 0.00	28.97 0.73 0.00	28.91 0.79 0.00	30.72 0.81 0.00	33.86 0.83 0.00	36.95 1.08 0.00	38.95 0.95 0.00	36.24 0.92 0.00	35.48 0.76 0.00	34.02 0.80 0.00	31.68 0.74 0.00	31.51 0.71 0.00	31.85 0.78 0.00	32.55 0.76 0.00	34.69 0.81 0.00	38.34 1.01 0.00	44.28 1.08 0.00	49.02 1.20 0.00	44.63 1.04 0.00	38.86 0.87 0.00	36.68 0.68 0.00	33.29 0.56 0.00
CPV_VALLEY___CC2 323722	32.59 0.73 0.00	31.42 0.77 0.00	30.07 0.70 0.00	28.97 0.73 0.00	28.91 0.79 0.00	30.72 0.81 0.00	33.86 0.83 0.00	36.95 1.08 0.00	38.95 0.95 0.00	36.24 0.92 0.00	35.48 0.76 0.00	34.02 0.80 0.00	31.68 0.74 0.00	31.51 0.71 0.00	31.85 0.78 0.00	32.55 0.76 0.00	34.69 0.81 0.00	38.34 1.01 0.00	44.28 1.08 0.00	49.02 1.20 0.00	44.63 1.04 0.00	38.86 0.87 0.00	36.68 0.68 0.00	33.29 0.56 0.00
CRESCENT___HYD 24018	32.97 1.11 0.00	31.75 1.10 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.28 1.15 0.00	31.17 1.26 0.00	34.39 1.35 0.00	37.27 1.40 0.00	39.18 1.18 0.00	36.49 1.16 0.00	35.86 1.14 0.00	34.39 1.16 0.00	31.99 1.05 0.00	31.82 1.01 0.00	32.10 1.02 0.00	32.80 1.02 0.00	35.00 1.12 0.00	38.49 1.16 0.00	44.62 1.42 0.00	49.35 1.53 0.00	44.98 1.39 0.00	39.16 1.18 0.00	37.07 1.08 0.00	33.72 0.98 0.00
CRICKET___VALLEY_CC1 323756	32.97 1.11 0.00	31.82 1.16 0.00	30.49 1.12 0.00	29.40 1.16 0.00	29.36 1.24 0.00	31.20 1.29 0.00	34.32 1.29 0.00	37.45 1.58 0.00	39.33 1.33 0.00	36.59 1.27 0.00	35.86 1.14 0.00	34.42 1.19 0.00	32.09 1.15 0.00	31.88 1.08 0.00	32.23 1.15 0.00	32.90 1.11 0.00	35.07 1.19 0.00	38.67 1.34 0.00	44.75 1.55 0.00	49.50 1.67 0.00	45.06 1.48 0.00	39.20 1.22 0.00	36.97 0.97 0.00	33.59 0.85 0.00
CRICKET___VALLEY_CC2 323757	32.97 1.11 0.00	31.82 1.16 0.00	30.49 1.12 0.00	29.40 1.16 0.00	29.36 1.24 0.00	31.20 1.29 0.00	34.32 1.29 0.00	37.45 1.58 0.00	39.33 1.33 0.00	36.59 1.27 0.00	35.86 1.14 0.00	34.42 1.19 0.00	32.09 1.15 0.00	31.88 1.08 0.00	32.23 1.15 0.00	32.90 1.11 0.00	35.07 1.19 0.00	38.67 1.34 0.00	44.75 1.55 0.00	49.50 1.67 0.00	45.06 1.48 0.00	39.20 1.22 0.00	36.97 0.97 0.00	33.59 0.85 0.00
CRICKET___VALLEY_CC3 323758	32.97 1.11 0.00	31.82 1.16 0.00	30.49 1.12 0.00	29.40 1.16 0.00	29.36 1.24 0.00	31.20 1.29 0.00	34.32 1.29 0.00	37.45 1.58 0.00	39.33 1.33 0.00	36.59 1.27 0.00	35.86 1.14 0.00	34.42 1.19 0.00	32.09 1.15 0.00	31.88 1.08 0.00	32.23 1.15 0.00	32.90 1.11 0.00	35.07 1.19 0.00	38.67 1.34 0.00	44.75 1.55 0.00	49.50 1.67 0.00	45.06 1.48 0.00	39.20 1.22 0.00	36.97 0.97 0.00	33.59 0.85 0.00
CRUCIBLE_METL_DRP 24180	31.66 -0.19 0.00	30.41 -0.25 0.00	29.14 -0.23 0.00	27.98 -0.25 0.00	27.90 -0.23 0.00	29.70 -0.21 0.00	32.83 -0.20 0.00	35.62 -0.25 0.00	37.85 -0.15 0.00	35.14 -0.18 0.00	34.58 -0.14 0.00	33.03 -0.20 0.00	30.72 -0.22 0.00	30.59 -0.22 0.00	30.83 -0.25 0.00	31.57 -0.22 0.00	33.64 -0.24 0.00	37.07 -0.26 0.00	42.98 -0.22 0.00	47.63 -0.19 0.00	43.41 -0.17 0.00	37.87 -0.11 0.00	35.89 -0.11 0.00	32.61 -0.13 0.00
DAHOWA___HYDRO 323763	33.35 1.50 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.65 1.41 0.00	29.59 1.46 0.00	31.52 1.61 0.00	34.78 1.75 0.00	37.78 1.90 0.00	39.82 1.82 0.00	37.02 1.70 0.00	36.42 1.70 0.00	34.82 1.59 0.00	32.27 1.33 0.00	32.10 1.29 0.00	32.41 1.34 0.00	33.15 1.37 0.00	35.41 1.53 0.00	38.97 1.64 0.00	45.31 2.12 0.00	50.12 2.30 0.00	45.63 2.05 0.00	39.77 1.79 0.00	37.65 1.66 0.00	34.18 1.44 0.00
DANC___LFGE 323619	31.54 -0.32 0.00	30.28 -0.37 0.00	29.08 -0.29 0.00	27.96 -0.28 0.00	27.70 -0.42 0.00	29.58 -0.33 0.00	32.73 -0.30 0.00	35.48 -0.39 0.00	37.62 -0.38 0.00	34.79 -0.53 0.00	34.16 -0.56 0.00	32.56 -0.66 0.00	30.32 -0.62 0.00	30.15 -0.65 0.00	30.39 -0.68 0.00	31.25 -0.54 0.00	33.37 -0.51 0.00	37.03 -0.30 0.00	43.07 -0.13 0.00	47.78 -0.05 0.00	43.54 -0.04 0.00	38.02 0.04 0.00	35.99 0.00 0.00	32.54 -0.20 0.00
DANSKAMMER___1 23586	33.22 1.37 0.00	32.03 1.38 0.00	30.66 1.29 0.00	29.54 1.30 0.00	29.50 1.38 0.00	31.35 1.44 0.00	34.52 1.49 0.00	37.63 1.76 0.00	39.67 1.67 0.00	36.84 1.52 0.00	36.07 1.35 0.00	34.56 1.33 0.00	32.21 1.27 0.00	32.00 1.20 0.00	32.38 1.31 0.00	33.09 1.30 0.00	35.27 1.39 0.00	39.05 1.72 0.00	45.23 2.03 0.00	50.03 2.20 0.00	45.54 1.96 0.00	39.62 1.63 0.00	37.36 1.37 0.00	33.95 1.21 0.00
DANSKAMMER___2 23589	33.22 1.37 0.00	32.03 1.38 0.00	30.66 1.29 0.00	29.54 1.30 0.00	29.50 1.38 0.00	31.35 1.44 0.00	34.52 1.49 0.00	37.63 1.76 0.00	39.67 1.67 0.00	36.84 1.52 0.00	36.07 1.35 0.00	34.56 1.33 0.00	32.21 1.27 0.00	32.00 1.20 0.00	32.38 1.31 0.00	33.09 1.30 0.00	35.27 1.39 0.00	39.05 1.72 0.00	45.23 2.03 0.00	50.03 2.20 0.00	45.54 1.96 0.00	39.62 1.63 0.00	37.36 1.37 0.00	33.95 1.21 0.00
DANSKAMMER___3 23590	33.22 1.37 0.00	32.03 1.38 0.00	30.66 1.29 0.00	29.54 1.30 0.00	29.50 1.38 0.00	31.35 1.44 0.00	34.52 1.49 0.00	37.63 1.76 0.00	39.67 1.67 0.00	36.84 1.52 0.00	36.07 1.35 0.00	34.56 1.33 0.00	32.21 1.27 0.00	32.00 1.20 0.00	32.38 1.31 0.00	33.09 1.30 0.00	35.27 1.39 0.00	39.05 1.72 0.00	45.23 2.03 0.00	50.03 2.20 0.00	45.54 1.96 0.00	39.62 1.63 0.00	37.36 1.37 0.00	33.95 1.21 0.00

DANSKAMMER___4 23591	33.22 1.37 0.00	32.03 1.38 0.00	30.66 1.29 0.00	29.54 1.30 0.00	29.50 1.38 0.00	31.35 1.44 0.00	34.52 1.49 0.00	37.63 1.76 0.00	39.67 1.67 0.00	36.84 1.52 0.00	36.07 1.35 0.00	34.56 1.33 0.00	32.21 1.27 0.00	32.00 1.20 0.00	32.38 1.31 0.00	33.09 1.30 0.00	35.27 1.39 0.00	39.05 1.72 0.00	45.23 2.03 0.00	50.03 2.20 0.00	45.54 1.96 0.00	39.62 1.63 0.00	37.36 1.37 0.00	33.95 1.21 0.00
DANSKAMMER___DIESEL 23592	33.26 1.40 0.00	32.03 1.38 0.00	30.69 1.32 0.00	29.54 1.30 0.00	29.48 1.35 0.00	31.38 1.47 0.00	34.52 1.49 0.00	37.63 1.76 0.00	39.67 1.67 0.00	36.84 1.52 0.00	36.07 1.35 0.00	34.59 1.36 0.00	32.21 1.27 0.00	32.00 1.20 0.00	32.38 1.31 0.00	33.12 1.34 0.00	35.27 1.39 0.00	39.05 1.72 0.00	45.27 2.07 0.00	50.02 2.20 0.00	45.59 2.00 0.00	39.66 1.67 0.00	37.36 1.37 0.00	33.95 1.21 0.00
DARBY___SOLAR 323810	33.29 1.43 0.00	32.09 1.44 0.00	30.75 1.38 0.00	29.59 1.36 0.00	29.53 1.41 0.00	31.46 1.55 0.00	34.71 1.68 0.00	37.70 1.83 0.00	39.71 1.71 0.00	36.95 1.63 0.00	36.32 1.60 0.00	34.76 1.53 0.00	32.24 1.30 0.00	32.07 1.26 0.00	32.38 1.31 0.00	33.12 1.33 0.00	35.37 1.49 0.00	38.93 1.60 0.00	45.23 2.03 0.00	50.03 2.20 0.00	45.54 1.96 0.00	39.70 1.71 0.00	37.58 1.58 0.00	34.14 1.41 0.00
DASHVILLE___HYD 23610	33.13 1.27 0.00	31.91 1.26 0.00	30.55 1.17 0.00	29.42 1.19 0.00	29.36 1.24 0.00	31.26 1.35 0.00	34.39 1.35 0.00	37.42 1.54 0.00	39.37 1.37 0.00	36.59 1.27 0.00	35.83 1.11 0.00	34.32 1.10 0.00	31.99 1.05 0.00	31.79 0.99 0.00	32.16 1.09 0.00	32.87 1.08 0.00	35.03 1.15 0.00	38.79 1.46 0.00	44.97 1.77 0.00	49.74 1.91 0.00	45.28 1.70 0.00	39.43 1.44 0.00	37.22 1.22 0.00	33.85 1.11 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	33.51 1.66 0.00	32.34 1.69 0.00	31.10 1.73 0.00	29.85 1.61 0.00	29.70 1.58 0.00	31.97 2.06 0.00	35.41 2.38 0.00	46.55 3.26 -7.41	40.89 2.89 0.00	37.33 2.01 0.00	36.32 1.60 0.00	34.59 1.36 0.00	32.08 1.14 0.00	31.85 1.05 0.00	32.41 1.34 0.00	32.93 1.14 0.00	35.17 1.29 0.00	39.57 2.24 0.00	45.31 2.12 0.00	50.55 2.73 0.00	45.94 2.35 0.00	40.49 2.51 0.00	37.69 1.69 0.00	34.60 1.87 0.00
DELAWARE___LFGE 323621	32.56 0.70 0.00	31.29 0.64 0.00	29.96 0.59 0.00	28.86 0.62 0.00	28.74 0.62 0.00	30.63 0.72 0.00	33.82 0.79 0.00	36.77 0.90 0.00	38.91 0.91 0.00	36.13 0.81 0.00	35.52 0.80 0.00	33.96 0.73 0.00	31.59 0.65 0.00	31.42 0.62 0.00	31.70 0.62 0.00	32.46 0.67 0.00	34.63 0.75 0.00	38.26 0.93 0.00	44.36 1.17 0.00	49.12 1.29 0.00	44.76 1.18 0.00	39.01 1.03 0.00	36.93 0.94 0.00	33.49 0.75 0.00
DERFIELD_115KV_TB7 355931	31.95 0.10 0.00	30.74 0.09 0.00	29.49 0.12 0.00	28.38 0.14 0.00	28.27 0.14 0.00	30.09 0.18 0.00	33.20 0.17 0.00	36.05 0.18 0.00	38.15 0.15 0.00	35.46 0.14 0.00	34.86 0.14 0.00	33.36 0.13 0.00	31.06 0.12 0.00	30.90 0.09 0.00	31.17 0.09 0.00	31.92 0.13 0.00	34.02 0.14 0.00	37.48 0.15 0.00	43.37 0.17 0.00	48.02 0.19 0.00	43.76 0.17 0.00	38.14 0.15 0.00	36.14 0.14 0.00	32.84 0.10 0.00
DOGLEVILLE___HYD 23807	31.15 -0.70 0.00	29.98 -0.67 0.00	28.81 -0.56 0.00	27.82 -0.42 0.00	27.76 -0.37 0.00	29.58 -0.33 0.00	32.67 -0.36 0.00	35.48 -0.39 0.00	37.47 -0.53 0.00	34.83 -0.49 0.00	34.27 -0.45 0.00	32.76 -0.47 0.00	30.54 -0.40 0.00	30.40 -0.40 0.00	30.67 -0.40 0.00	31.41 -0.38 0.00	33.44 -0.44 0.00	36.92 -0.41 0.00	42.76 -0.43 0.00	47.49 -0.33 0.00	43.32 -0.26 0.00	37.80 -0.19 0.00	35.81 -0.18 0.00	32.47 -0.26 0.00
DUNKIRK___115KV_TB_200 55889	29.21 -2.64 0.00	27.83 -2.82 0.00	26.49 -2.88 0.00	25.50 -2.74 0.00	25.37 -2.76 0.00	26.98 -2.93 0.00	30.32 -2.71 0.00	32.65 -3.23 0.00	35.07 -2.93 0.00	32.53 -2.79 0.00	32.29 -2.43 0.00	30.60 -2.62 0.00	28.37 -2.57 0.00	28.31 -2.50 0.00	28.34 -2.73 0.00	29.31 -2.48 0.00	31.51 -2.37 0.00	34.87 -2.46 0.00	41.04 -2.16 0.00	46.01 -1.82 0.00	42.32 -1.26 0.00	36.88 -1.10 0.00	35.53 -0.47 0.00	32.41 -0.33 0.00
DUNKIRK___1 23563	29.21 -2.64 0.00	27.83 -2.82 0.00	26.49 -2.88 0.00	25.50 -2.74 0.00	25.37 -2.76 0.00	26.98 -2.93 0.00	30.32 -2.71 0.00	32.65 -3.23 0.00	35.07 -2.93 0.00	32.53 -2.79 0.00	32.29 -2.43 0.00	30.60 -2.62 0.00	28.37 -2.57 0.00	28.31 -2.50 0.00	28.34 -2.73 0.00	29.31 -2.48 0.00	31.51 -2.37 0.00	34.87 -2.46 0.00	41.04 -2.16 0.00	46.01 -1.82 0.00	42.32 -1.26 0.00	36.88 -1.10 0.00	35.53 -0.47 0.00	32.41 -0.33 0.00
DUNKIRK___2 23564	29.21 -2.64 0.00	27.83 -2.82 0.00	26.49 -2.88 0.00	25.50 -2.74 0.00	25.37 -2.76 0.00	26.98 -2.93 0.00	30.32 -2.71 0.00	32.65 -3.23 0.00	35.07 -2.93 0.00	32.53 -2.79 0.00	32.29 -2.43 0.00	30.60 -2.62 0.00	28.37 -2.57 0.00	28.31 -2.50 0.00	28.34 -2.73 0.00	29.31 -2.48 0.00	31.51 -2.37 0.00	34.87 -2.46 0.00	41.04 -2.16 0.00	46.01 -1.82 0.00	42.32 -1.26 0.00	36.88 -1.10 0.00	35.53 -0.47 0.00	32.41 -0.33 0.00
DUNKIRK___3 23565	29.24 -2.61 0.00	27.86 -2.79 0.00	26.52 -2.85 0.00	25.56 -2.68 0.00	25.43 -2.70 0.00	27.04 -2.87 0.00	30.36 -2.68 0.00	32.68 -3.19 0.00	35.11 -2.89 0.00	32.57 -2.76 0.00	32.32 -2.40 0.00	30.63 -2.59 0.00	28.40 -2.54 0.00	28.34 -2.46 0.00	28.37 -2.70 0.00	29.31 -2.48 0.00	31.51 -2.37 0.00	34.83 -2.50 0.00	40.95 -2.25 0.00	45.82 -2.01 0.00	42.14 -1.44 0.00	36.69 -1.29 0.00	35.35 -0.65 0.00	32.21 -0.52 0.00
DUNKIRK___4 23566	29.24 -2.61 0.00	27.86 -2.79 0.00	26.52 -2.85 0.00	25.56 -2.68 0.00	25.43 -2.70 0.00	27.04 -2.87 0.00	30.36 -2.68 0.00	32.68 -3.19 0.00	35.11 -2.89 0.00	32.57 -2.76 0.00	32.32 -2.40 0.00	30.63 -2.59 0.00	28.40 -2.54 0.00	28.34 -2.46 0.00	28.37 -2.70 0.00	29.31 -2.48 0.00	31.51 -2.37 0.00	34.83 -2.50 0.00	40.95 -2.25 0.00	45.82 -2.01 0.00	42.14 -1.44 0.00	36.69 -1.29 0.00	35.35 -0.65 0.00	32.21 -0.52 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.32 1.47 0.00	32.09 1.44 0.00	30.75 1.38 0.00	29.62 1.38 0.00	29.53 1.41 0.00	31.44 1.53 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.86 1.86 0.00	37.09 1.77 0.00	36.32 1.60 0.00	34.82 1.59 0.00	32.46 1.52 0.00	32.25 1.45 0.00	32.63 1.55 0.00	33.35 1.56 0.00	35.58 1.69 0.00	39.31 1.98 0.00	45.49 2.29 0.00	50.26 2.44 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.43 1.44 0.00	33.95 1.21 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.00 1.15 0.00	31.78 1.13 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.25 1.13 0.00	31.14 1.23 0.00	34.29 1.26 0.00	37.38 1.51 0.00	39.37 1.37 0.00	36.63 1.31 0.00	35.86 1.15 0.00	34.36 1.13 0.00	32.02 1.08 0.00	31.82 1.02 0.00	32.16 1.09 0.00	32.90 1.11 0.00	35.07 1.19 0.00	38.79 1.46 0.00	44.92 1.73 0.00	49.69 1.87 0.00	45.24 1.66 0.00	39.35 1.37 0.00	37.11 1.12 0.00	33.69 0.95 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.46 1.59 -0.01	32.25 1.59 -0.01	30.85 1.47 -0.01	29.74 1.50 -0.01	29.68 1.55 -0.01	31.56 1.65 -0.01	34.68 1.65 0.00	37.91 2.04 0.01	39.97 1.98 0.01	37.22 1.91 0.01	36.45 1.74 0.01	34.95 1.73 0.01	32.57 1.64 0.01	32.37 1.57 0.01	32.78 1.71 0.01	33.46 1.68 0.01	35.70 1.83 0.01	39.45 2.13 0.01	45.61 2.42 0.01	50.45 2.63 0.01	45.88 2.31 0.01	39.84 1.86 0.01	37.57 1.58 0.01	34.06 1.31 -0.01
E179THST_13_KV_LOAD 356214	33.58 1.72 -0.01	32.38 1.72 -0.01	30.97 1.59 -0.01	29.86 1.61 -0.01	29.77 1.63 -0.01	31.65 1.73 -0.01	34.81 1.78 0.00	38.06 2.19 0.01	40.12 2.13 0.01	37.40 2.08 0.01	36.59 1.87 0.01	35.08 1.86 0.01	32.70 1.76 0.01	32.49 1.69 0.01	32.90 1.83 0.01	33.62 1.84 0.01	35.84 1.97 0.01	39.60 2.28 0.01	45.82 2.63 0.01	50.64 2.82 0.01	46.10 2.53 0.01	40.03 2.05 0.01	37.71 1.73 0.01	34.19 1.44 -0.01
EAST HAMPTON___GT 23717	33.38 1.53 0.00	32.27 1.62 0.00	30.93 1.56 0.00	29.71 1.47 0.00	29.62 1.49 0.00	31.73 1.82 0.00	35.18 2.15 0.00	46.49 3.19 -7.42	40.88 2.89 0.00	37.33 2.01 0.00	36.18 1.46 0.00	34.46 1.23 0.00	31.96 1.02 0.00	31.73 0.92 0.00	32.26 1.18 0.00	32.71 0.92 0.00	34.69 0.81 0.00	39.31 1.98 0.00	44.62 1.42 0.00	49.88 2.06 0.00	45.33 1.75 0.00	40.07 2.09 0.00	37.47 1.48 0.00	34.54 1.80 0.00
EAST RIVER___6 23660	33.45 1.59 0.00	32.27 1.62 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.55 1.64 0.00	34.71 1.68 0.00	37.99 2.12 0.00	40.01 2.01 0.00	37.30 1.98 0.00	36.49 1.77 0.00	34.99 1.76 0.00	32.64 1.70 0.00	32.40 1.60 0.00	32.82 1.74 0.00	33.50 1.72 0.00	35.74 1.86 0.00	39.49 2.16 0.00	45.61 2.42 0.00	50.50 2.68 0.00	45.93 2.35 0.00	39.88 1.90 0.00	37.58 1.58 0.00	34.08 1.34 0.00
EAST RIVER___7 23524	33.45 1.59 0.00	32.27 1.62 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.55 1.64 0.00	34.71 1.68 0.00	37.99 2.12 0.00	40.01 2.01 0.00	37.30 1.98 0.00	36.49 1.77 0.00	34.99 1.76 0.00	32.64 1.70 0.00	32.40 1.60 0.00	32.82 1.74 0.00	33.50 1.72 0.00	35.74 1.86 0.00	39.49 2.16 0.00	45.61 2.42 0.00	50.50 2.68 0.00	45.93 2.35 0.00	39.88 1.90 0.00	37.58 1.58 0.00	34.08 1.34 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.26 1.40 0.00	32.03 1.38 0.00	30.69 1.32 0.00	29.57 1.33 0.00	29.48 1.35 0.00	31.38 1.47 0.00	34.52 1.49 0.00	37.78 1.90 0.00	39.75 1.75 0.00	37.02 1.70 0.00	36.21 1.49 0.00	34.75 1.53 0.00	32.39 1.45 0.00	32.19 1.39 0.00	32.57 1.49 0.00	33.25 1.46 0.00	35.47 1.59 0.00	39.20 1.87 0.00	45.36 2.16 0.00	50.12 2.30 0.00	45.63 2.05 0.00	39.69 1.71 0.00	37.36 1.37 0.00	33.88 1.15 0.00
EAST_HAMPTON___DIESEL 23722	33.35 1.50 0.00	32.21 1.56 0.00	30.90 1.53 0.00	29.68 1.44 0.00	29.56 1.43 0.00	31.70 1.79 0.00	35.11 2.08 0.00	46.45 3.16 -7.42	40.85 2.85 0.00	37.30 1.98 0.00	36.14 1.42 0.00	34.39 1.16 0.00	31.90 0.96 0.00	31.66 0.86 0.00	32.23 1.15 0.00	32.68 0.89 0.00	34.63 0.74 0.00	39.23 1.90 0.00	44.54 1.34 0.00	49.74 1.91 0.00	45.20 1.61 0.00	40.00 2.01 0.00	37.40 1.40 0.00	34.47 1.73 0.00
EAST_POINT___SOLAR 323840	34.18 2.32 0.00	32.92 2.27 0.00	31.49 2.12 0.00	30.27 2.03 0.00	30.21 2.08 0.00	32.27 2.36 0.00	35.57 2.54 0.00	38.35 2.47 0.00	40.47 2.47 0.00	37.19 1.87 0.00	36.49 1.77 0.00	34.76 1.53 0.00	32.43 1.49 0.00	32.19 1.39 0.00	32.44 1.37 0.00	33.44 1.65 0.00	36.02 2.14 0.00	40.09 2.76 0.00	46.91 3.72 0.00	52.03 4.21 0.00	47.33 3.75 0.00	41.36 3.38 0.00	39.09 3.10 0.00	35.32 2.59 0.00
EAST_PULASKI___ESR 323781	31.34 -0.51 0.00	30.10 -0.55 0.00	28.84 -0.53 0.00	27.73 -0.51 0.00	27.56 -0.56 0.00	29.40 -0.51 0.00	32.50 -0.53 0.00	35.27 -0.61 0.00	37.39 -0.61 0.00	34.69 -0.63 0.00	34.09 -0.62 0.00	32.53 -0.70 0.00	30.26 -0.68 0.00	30.12 -0.68 0.00	30.36 -0.71 0.00	31.12 -0.67 0.00	33.20 -0.68 0.00	36.70 -0.63 0.00	42.59 -0.60 0.00	47.25 -0.57 0.00	43.06 -0.52 0.00	37.57 -0.42 0.00	35.56 -0.43 0.00	32.28 -0.46 0.00
EAST_RIVER___1 323558	33.42 1.56 0.00	32.24 1.59 0.00	30.87 1.50 0.00	29.73 1.50 0.00	29.70 1.57 0.00	31.52 1.61 0.00	34.68 1.65 0.00	37.96 2.08 0.00	39.97 1.97 0.00	37.26 1.94 0.00	36.45 1.74 0.00	34.95 1.73 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.79 1.71 0.00	33.47 1.68 0.00	35.68 1.79 0.00	39.46 2.13 0.00	45.57 2.37 0.00	50.40 2.58 0.00	45.89 2.31 0.00	39.85 1.86 0.00	37.54 1.55 0.00	34.05 1.31 0.00
EAST_RIVER___2 323559	33.45 1.59 0.00	32.27 1.62 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.55 1.64 0.00	34.71 1.68 0.00	37.99 2.12 0.00	40.01 2.01 0.00	37.30 1.98 0.00	36.49 1.77 0.00	34.99 1.76 0.00	32.64 1.70 0.00	32.40 1.60 0.00	32.82 1.74 0.00	33.50 1.72 0.00	35.74 1.86 0.00	39.49 2.16 0.00	45.61 2.42 0.00	50.50 2.68 0.00	45.93 2.35 0.00	39.88 1.90 0.00	37.58 1.58 0.00	34.08 1.34 0.00
EAST___DELAWARE_HYD 23607	32.94 1.08 0.00	31.72 1.07 0.00	30.37 1.00 0.00	29.23 0.99 0.00	29.19 1.07 0.00	31.05 1.14 0.00	34.19 1.16 0.00	37.24 1.36 0.00	39.29 1.29 0.00	36.45 1.13 0.00	35.69 0.97 0.00	34.16 0.93 0.00	31.81 0.87 0.00	31.60 0.80 0.00	31.98 0.90 0.00	32.71 0.92 0.00	34.87 0.98 0.00	38.67 1.34 0.00	44.84 1.64 0.00	49.64 1.82 0.00	45.20 1.61 0.00	39.35 1.37 0.00	37.11 1.12 0.00	33.69 0.95 0.00
EIGHT_POINT___WT_PWR 323820	29.15 -2.71 0.00	27.65 -3.00 0.00	26.46 -2.91 0.00	25.39 -2.85 0.00	25.20 -2.93 0.00	26.95 -2.96 0.00	29.99 -3.04 0.00	32.47 -3.41 0.00	34.62 -3.38 0.00	32.14 -3.18 0.00	31.73 -2.99 0.00	30.07 -3.16 0.00	27.91 -3.03 0.00	27.72 -3.08 0.00	27.78 -3.29 0.00	28.74 -3.05 0.00	30.87 -3.02 0.00	34.94 -2.39 0.00	41.55 -1.64 0.00	46.96 -0.86 0.00	43.23 -0.35 0.00	37.76 -0.23 0.00	35.96 -0.04 0.00	32.61 -0.13 0.00
ELBRIDGE_115KV_TB2 80188	31.44 -0.41 0.00	30.19 -0.46 0.00	28.93 -0.44 0.00	27.81 -0.42 0.00	27.70 -0.42 0.00	29.49 -0.42 0.00	32.63 -0.40 0.00	35.41 -0.47 0.00	37.62 -0.38 0.00	34.93 -0.39 0.00	34.37 -0.35 0.00	32.79 -0.43 0.00	30.51 -0.43 0.00	30.40 -0.40 0.00	30.61 -0.47 0.00	31.34 -0.45 0.00	33.41 -0.47 0.00	36.84 -0.49 0.00	42.72 -0.48 0.00	47.35 -0.48 0.00	43.19 -0.39 0.00	37.68 -0.30 0.00	35.71 -0.29 0.00	32.48 -0.26 0.00
ELEC_TRO_TEK 24086	33.51 1.66 0.00	32.21 1.56 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.64 1.52 0.00	31.67 1.76 0.00	34.88 1.85 0.00	45.76 2.48 -7.41	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.85 1.63 0.00	32.46 1.52 0.00	32.25 1.45 0.00	32.69 1.62 0.00	33.35 1.56 0.00	35.61 1.73 0.00	39.53 2.20 0.00	45.66 2.46 0.00	50.55 2.73 0.00	46.02 2.44 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.21 1.47 0.00

ELLENBURG_WT_PWR 323604	32.30 0.45 0.00	31.05 0.40 0.00	29.58 0.21 0.00	28.18 -0.06 0.00	27.93 -0.20 0.00	29.43 -0.48 0.00	32.54 -0.49 0.00	35.45 -0.43 0.00	37.73 -0.26 0.00	35.11 -0.21 0.00	34.62 -0.10 0.00	33.23 0.00 0.00	31.00 0.06 0.00	30.99 0.19 0.00	31.30 0.22 0.00	32.07 0.29 0.00	34.19 0.30 0.00	37.78 0.45 0.00	43.67 0.48 0.00	48.40 0.58 0.00	44.02 0.44 0.00	38.29 0.30 0.00	36.21 0.22 0.00	32.87 0.13 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.18 -2.68 0.00	27.74 -2.91 0.00	26.43 -2.94 0.00	25.44 -2.80 0.00	25.37 -2.76 0.00	26.95 -2.96 0.00	30.29 -2.74 0.00	32.54 -3.34 0.00	35.03 -2.96 0.00	32.46 -2.86 0.00	32.25 -2.47 0.00	30.57 -2.66 0.00	28.31 -2.63 0.00	28.34 -2.46 0.00	28.34 -2.73 0.00	29.24 -2.54 0.00	31.37 -2.51 0.00	34.61 -2.73 0.00	40.47 -2.72 0.00	45.19 -2.63 0.00	41.45 -2.14 0.00	36.12 -1.86 0.00	34.91 -1.08 0.00	31.79 -0.95 0.00
EMPIRE_CC_1 323656	32.62 0.76 0.00	31.45 0.80 0.00	30.19 0.82 0.00	29.08 0.85 0.00	29.03 0.90 0.00	30.87 0.96 0.00	34.02 0.99 0.00	36.81 0.93 0.00	38.60 0.61 0.00	35.99 0.67 0.00	35.34 0.63 0.00	33.99 0.76 0.00	31.68 0.74 0.00	31.51 0.71 0.00	31.79 0.72 0.00	32.46 0.67 0.00	34.63 0.74 0.00	37.93 0.60 0.00	43.93 0.73 0.00	48.54 0.72 0.00	44.24 0.65 0.00	38.52 0.53 0.00	36.68 0.68 0.00	33.39 0.65 0.00
EMPIRE_CC_2 323658	32.62 0.76 0.00	31.45 0.80 0.00	30.19 0.82 0.00	29.08 0.85 0.00	29.03 0.90 0.00	30.87 0.96 0.00	34.02 0.99 0.00	36.81 0.93 0.00	38.60 0.61 0.00	35.99 0.67 0.00	35.34 0.63 0.00	33.99 0.76 0.00	31.68 0.74 0.00	31.51 0.71 0.00	31.79 0.72 0.00	32.46 0.67 0.00	34.63 0.74 0.00	37.93 0.60 0.00	43.93 0.73 0.00	48.54 0.72 0.00	44.24 0.65 0.00	38.52 0.53 0.00	36.68 0.68 0.00	33.39 0.65 0.00
ENORWICH_115KV_TB1 80156	33.29 1.43 0.00	31.91 1.26 0.00	30.46 1.09 0.00	29.31 1.07 0.00	29.17 1.04 0.00	31.14 1.23 0.00	34.52 1.49 0.00	37.45 1.58 0.00	39.71 1.71 0.00	36.63 1.31 0.00	36.11 1.39 0.00	34.29 1.06 0.00	31.78 0.84 0.00	31.60 0.80 0.00	31.89 0.81 0.00	32.90 1.11 0.00	35.17 1.29 0.00	39.27 1.94 0.00	45.83 2.63 0.00	50.93 3.11 0.00	46.55 2.96 0.00	40.72 2.73 0.00	38.59 2.59 0.00	34.77 2.03 0.00
ERIE_ST__34_KV_TB1-2 80199	29.47 -2.39 0.00	28.05 -2.61 0.00	26.70 -2.67 0.00	25.73 -2.51 0.00	25.62 -2.50 0.00	27.25 -2.66 0.00	30.62 -2.41 0.00	32.93 -2.94 0.00	35.41 -2.58 0.00	32.85 -2.47 0.00	32.60 -2.12 0.00	30.90 -2.33 0.00	28.62 -2.32 0.00	28.62 -2.19 0.00	28.62 -2.46 0.00	29.56 -2.23 0.00	31.75 -2.13 0.00	35.05 -2.28 0.00	41.04 -2.16 0.00	45.82 -2.01 0.00	42.06 -1.53 0.00	36.62 -1.37 0.00	35.31 -0.68 0.00	32.15 -0.59 0.00
ERIE_WT_PWR 323693	29.43 -2.42 0.00	27.86 -2.79 0.00	26.61 -2.76 0.00	25.58 -2.66 0.00	25.31 -2.81 0.00	27.13 -2.78 0.00	30.42 -2.61 0.00	32.65 -3.23 0.00	35.19 -2.81 0.00	32.60 -2.72 0.00	32.39 -2.33 0.00	30.73 -2.49 0.00	28.46 -2.48 0.00	28.46 -2.34 0.00	28.50 -2.58 0.00	29.44 -2.35 0.00	31.58 -2.31 0.00	34.87 -2.46 0.00	41.08 -2.12 0.00	45.58 -2.25 0.00	41.79 -1.79 0.00	36.46 -1.52 0.00	35.20 -0.79 0.00	32.02 -0.72 0.00
ESPRGFLD_115KV_TB1 80157	33.35 1.50 0.00	32.06 1.41 0.00	30.66 1.29 0.00	29.51 1.27 0.00	29.39 1.27 0.00	31.38 1.47 0.00	34.62 1.59 0.00	37.67 1.79 0.00	39.94 1.94 0.00	36.95 1.62 0.00	36.32 1.60 0.00	34.62 1.40 0.00	32.15 1.21 0.00	31.97 1.17 0.00	32.26 1.18 0.00	33.12 1.34 0.00	35.37 1.49 0.00	39.27 1.94 0.00	45.70 2.51 0.00	50.65 2.82 0.00	46.15 2.57 0.00	40.30 2.32 0.00	38.12 2.12 0.00	34.47 1.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.05 0.19 0.00	30.74 0.09 0.00	29.43 0.06 0.00	28.29 0.06 0.00	28.18 0.06 0.00	30.03 0.12 0.00	33.23 0.20 0.00	36.09 0.22 0.00	38.30 0.30 0.00	35.50 0.18 0.00	34.89 0.17 0.00	33.26 0.03 0.00	30.91 -0.03 0.00	30.77 -0.03 0.00	31.02 -0.06 0.00	31.85 0.06 0.00	34.02 0.14 0.00	37.67 0.34 0.00	43.76 0.56 0.00	48.59 0.77 0.00	44.32 0.74 0.00	38.67 0.68 0.00	36.57 0.58 0.00	33.20 0.46 0.00
ETNA____115KV_TB2 80207	32.05 0.19 0.00	30.74 0.09 0.00	29.43 0.06 0.00	28.29 0.06 0.00	28.18 0.06 0.00	30.03 0.12 0.00	33.23 0.20 0.00	36.09 0.22 0.00	38.30 0.30 0.00	35.50 0.18 0.00	34.89 0.17 0.00	33.26 0.03 0.00	30.91 -0.03 0.00	30.77 -0.03 0.00	31.02 -0.06 0.00	31.85 0.06 0.00	34.02 0.14 0.00	37.67 0.34 0.00	43.76 0.56 0.00	48.59 0.77 0.00	44.32 0.74 0.00	38.67 0.68 0.00	36.57 0.58 0.00	33.20 0.46 0.00
EUCLID____115KV_TB2 356179	31.35 -0.51 0.00	30.10 -0.55 0.00	28.84 -0.53 0.00	27.73 -0.51 0.00	27.62 -0.51 0.00	29.40 -0.51 0.00	32.54 -0.50 0.00	35.30 -0.57 0.00	37.47 -0.53 0.00	34.79 -0.53 0.00	34.23 -0.49 0.00	32.69 -0.53 0.00	30.44 -0.50 0.00	30.31 -0.49 0.00	30.52 -0.56 0.00	31.25 -0.54 0.00	33.31 -0.58 0.00	36.70 -0.63 0.00	42.50 -0.69 0.00	47.11 -0.72 0.00	42.97 -0.61 0.00	37.49 -0.49 0.00	35.53 -0.47 0.00	32.34 -0.39 0.00
E_CANADA_CAP_HY 24051	33.90 2.04 0.00	32.61 1.96 0.00	31.22 1.85 0.00	30.02 1.78 0.00	29.93 1.80 0.00	31.94 2.03 0.00	35.21 2.18 0.00	38.17 2.30 0.00	40.35 2.36 0.00	37.26 1.94 0.00	36.66 1.94 0.00	34.92 1.69 0.00	32.46 1.52 0.00	32.25 1.45 0.00	32.57 1.49 0.00	33.47 1.68 0.00	35.81 1.93 0.00	39.76 2.43 0.00	46.35 3.15 0.00	51.41 3.59 0.00	46.81 3.22 0.00	40.91 2.93 0.00	38.66 2.66 0.00	34.99 2.26 0.00
E_CANADA_MHWK_HY 24050	31.15 -0.70 0.00	29.98 -0.67 0.00	28.81 -0.56 0.00	27.82 -0.42 0.00	27.76 -0.37 0.00	29.58 -0.33 0.00	32.67 -0.36 0.00	35.48 -0.39 0.00	37.47 -0.53 0.00	34.83 -0.49 0.00	34.27 -0.45 0.00	32.76 -0.47 0.00	30.54 -0.40 0.00	30.40 -0.40 0.00	30.67 -0.40 0.00	31.41 -0.38 0.00	33.44 -0.44 0.00	36.92 -0.41 0.00	42.76 -0.43 0.00	47.49 -0.33 0.00	43.32 -0.26 0.00	37.80 -0.19 0.00	35.81 -0.18 0.00	32.47 -0.26 0.00
E_FISHKILL____LBMP 23776	33.07 1.21 0.00	31.85 1.20 0.00	30.52 1.15 0.00	29.42 1.19 0.00	29.34 1.21 0.00	31.20 1.29 0.00	34.35 1.32 0.00	37.53 1.65 0.00	39.48 1.48 0.00	36.73 1.41 0.00	35.97 1.25 0.00	34.52 1.30 0.00	32.18 1.24 0.00	31.97 1.17 0.00	32.32 1.24 0.00	33.03 1.24 0.00	35.20 1.32 0.00	38.86 1.53 0.00	45.01 1.81 0.00	49.74 1.91 0.00	45.28 1.70 0.00	39.39 1.41 0.00	37.15 1.15 0.00	33.72 0.98 0.00
FALCON____SEABRD_CC1 323796	32.68 0.83 0.00	31.45 0.80 0.00	29.96 0.59 0.00	28.52 0.28 0.00	28.24 0.11 0.00	29.58 -0.33 0.00	32.77 -0.27 0.00	35.66 -0.21 0.00	38.00 0.00 0.00	35.36 0.04 0.00	34.82 0.10 0.00	33.43 0.20 0.00	31.16 0.22 0.00	31.14 0.34 0.00	31.48 0.40 0.00	32.23 0.44 0.00	34.39 0.51 0.00	38.00 0.67 0.00	43.97 0.78 0.00	48.73 0.91 0.00	44.37 0.79 0.00	38.56 0.57 0.00	36.50 0.50 0.00	33.10 0.36 0.00

FALCON___SEABRD_CC2 323797	32.68 0.83 0.00	31.45 0.80 0.00	29.96 0.59 0.00	28.52 0.28 0.00	28.24 0.11 0.00	29.58 -0.33 0.00	32.77 -0.27 0.00	35.66 -0.21 0.00	38.00 0.00 0.00	35.36 0.04 0.00	34.82 0.10 0.00	33.43 0.20 0.00	31.16 0.22 0.00	31.14 0.34 0.00	31.48 0.40 0.00	32.23 0.44 0.00	34.39 0.51 0.00	38.00 0.67 0.00	43.97 0.78 0.00	48.73 0.91 0.00	44.37 0.79 0.00	38.56 0.57 0.00	36.50 0.50 0.00	33.10 0.36 0.00
FAR ROCKAWAY___4 23548	33.83 1.98 0.00	32.55 1.90 0.00	31.19 1.82 0.00	30.05 1.81 0.00	29.93 1.80 0.00	31.94 2.03 0.00	35.18 2.15 0.00	46.12 2.83 -7.41	40.58 2.58 0.00	37.55 2.23 0.00	36.70 1.98 0.00	35.15 1.93 0.00	32.73 1.79 0.00	32.53 1.72 0.00	33.00 1.93 0.00	33.66 1.88 0.00	35.95 2.07 0.00	39.94 2.61 0.00	46.13 2.94 0.00	51.12 3.30 0.00	46.59 3.01 0.00	40.68 2.70 0.00	38.15 2.16 0.00	34.60 1.87 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.45 1.59 0.00	32.24 1.59 0.00	30.87 1.50 0.00	29.74 1.50 0.00	29.67 1.55 0.00	31.56 1.65 0.00	34.72 1.68 0.00	37.96 2.08 0.00	39.97 1.98 0.00	37.26 1.94 0.00	36.45 1.74 0.00	34.99 1.76 0.00	32.61 1.67 0.00	32.40 1.60 0.00	32.79 1.71 0.00	33.50 1.72 0.00	35.71 1.83 0.00	39.46 2.13 0.00	45.66 2.46 0.00	50.45 2.63 0.00	45.89 2.31 0.00	39.85 1.86 0.00	37.54 1.55 0.00	34.05 1.31 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.45 1.59 0.00	32.24 1.59 0.00	30.87 1.50 0.00	29.76 1.52 0.00	29.67 1.55 0.00	31.56 1.65 0.00	34.72 1.68 0.00	37.96 2.08 0.00	39.97 1.98 0.00	37.26 1.94 0.00	36.45 1.74 0.00	34.99 1.76 0.00	32.61 1.67 0.00	32.40 1.60 0.00	32.79 1.71 0.00	33.50 1.72 0.00	35.71 1.83 0.00	39.46 2.13 0.00	45.66 2.46 0.00	50.45 2.63 0.00	45.89 2.31 0.00	39.85 1.86 0.00	37.54 1.55 0.00	34.05 1.31 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.45 1.59 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.74 1.50 0.00	29.64 1.52 0.00	31.56 1.65 0.00	34.68 1.65 0.00	37.92 2.04 0.00	39.94 1.94 0.00	37.23 1.91 0.00	36.42 1.70 0.00	34.95 1.73 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.76 1.68 0.00	33.47 1.68 0.00	35.71 1.83 0.00	39.42 2.09 0.00	45.61 2.42 0.00	50.41 2.58 0.00	45.89 2.31 0.00	39.85 1.86 0.00	37.51 1.51 0.00	34.01 1.28 0.00
FARRAGUT___LBMP 323566	33.42 1.56 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.71 1.47 0.00	29.64 1.52 0.00	31.53 1.62 0.00	34.65 1.62 0.00	37.92 2.04 0.00	39.94 1.94 0.00	37.23 1.91 0.00	36.42 1.70 0.00	34.92 1.69 0.00	32.55 1.61 0.00	32.34 1.54 0.00	32.76 1.68 0.00	33.44 1.65 0.00	35.68 1.80 0.00	39.42 2.09 0.00	45.57 2.38 0.00	50.36 2.53 0.00	45.85 2.27 0.00	39.81 1.82 0.00	37.51 1.51 0.00	34.01 1.28 0.00
FENNER___WINDPWR 24204	32.24 0.38 0.00	30.96 0.31 0.00	29.66 0.29 0.00	28.55 0.31 0.00	28.41 0.28 0.00	30.27 0.36 0.00	33.46 0.43 0.00	36.31 0.43 0.00	38.53 0.53 0.00	35.71 0.39 0.00	35.14 0.42 0.00	33.56 0.33 0.00	31.19 0.25 0.00	31.02 0.22 0.00	31.30 0.22 0.00	32.11 0.32 0.00	34.22 0.34 0.00	37.85 0.52 0.00	43.88 0.69 0.00	48.64 0.81 0.00	44.37 0.79 0.00	38.70 0.72 0.00	36.64 0.65 0.00	33.20 0.46 0.00
FIBERTEK___ENERGY 23856	31.66 -0.19 0.00	30.41 -0.25 0.00	29.14 -0.23 0.00	27.98 -0.25 0.00	27.90 -0.23 0.00	29.70 -0.21 0.00	32.83 -0.20 0.00	35.62 -0.25 0.00	37.85 -0.15 0.00	35.14 -0.18 0.00	34.58 -0.14 0.00	33.03 -0.20 0.00	30.72 -0.22 0.00	30.59 -0.22 0.00	30.83 -0.25 0.00	31.57 -0.22 0.00	33.64 -0.24 0.00	37.07 -0.26 0.00	42.98 -0.22 0.00	47.63 -0.19 0.00	43.41 -0.17 0.00	37.87 -0.11 0.00	35.89 -0.11 0.00	32.61 -0.13 0.00
FITZPATRICK____ 23598	30.96 -0.89 0.00	29.76 -0.89 0.00	28.52 -0.85 0.00	27.42 -0.82 0.00	27.31 -0.82 0.00	29.07 -0.84 0.00	32.11 -0.92 0.00	34.83 -1.04 0.00	36.97 -1.02 0.00	34.33 -0.99 0.00	33.78 -0.94 0.00	32.30 -0.93 0.00	30.07 -0.87 0.00	29.94 -0.86 0.00	30.17 -0.90 0.00	30.84 -0.95 0.00	32.87 -1.02 0.00	36.17 -1.16 0.00	41.90 -1.29 0.00	46.39 -1.43 0.00	42.32 -1.27 0.00	36.88 -1.10 0.00	34.99 -1.01 0.00	31.89 -0.85 0.00
FLOWRFLD_69_KV_BK1 356044	33.64 1.78 0.00	32.37 1.72 0.00	31.10 1.73 0.00	29.93 1.69 0.00	29.81 1.69 0.00	31.97 2.06 0.00	35.28 2.25 0.00	46.30 3.01 -7.41	40.70 2.70 0.00	37.37 2.05 0.00	36.49 1.77 0.00	34.85 1.63 0.00	32.39 1.45 0.00	32.16 1.36 0.00	32.72 1.65 0.00	33.31 1.53 0.00	35.61 1.73 0.00	39.83 2.50 0.00	45.87 2.68 0.00	51.03 3.20 0.00	46.41 2.83 0.00	40.76 2.77 0.00	37.97 1.98 0.00	34.60 1.87 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.32 1.47 0.00	32.09 1.44 0.00	30.72 1.35 0.00	29.59 1.36 0.00	29.53 1.41 0.00	31.44 1.53 0.00	34.58 1.55 0.00	37.70 1.83 0.00	39.71 1.71 0.00	36.91 1.59 0.00	36.14 1.42 0.00	34.62 1.40 0.00	32.24 1.30 0.00	32.03 1.23 0.00	32.41 1.34 0.00	33.15 1.37 0.00	35.34 1.46 0.00	39.08 1.75 0.00	45.36 2.16 0.00	50.12 2.30 0.00	45.63 2.05 0.00	39.69 1.71 0.00	37.43 1.44 0.00	33.98 1.24 0.00
FORT ORANGE____ 23900	32.62 0.76 0.00	31.48 0.83 0.00	30.25 0.88 0.00	29.14 0.90 0.00	29.08 0.96 0.00	30.90 0.99 0.00	34.02 0.99 0.00	36.66 0.79 0.00	38.49 0.49 0.00	35.82 0.49 0.00	35.14 0.42 0.00	33.76 0.53 0.00	31.47 0.53 0.00	31.33 0.52 0.00	31.61 0.53 0.00	32.33 0.54 0.00	34.46 0.58 0.00	37.85 0.52 0.00	43.93 0.73 0.00	48.54 0.72 0.00	44.24 0.65 0.00	38.56 0.57 0.00	36.50 0.50 0.00	33.23 0.49 0.00
FORT_DRUM_COGEN 23780	31.89 0.03 0.00	30.65 0.00 0.00	29.46 0.09 0.00	28.32 0.08 0.00	27.99 -0.14 0.00	29.91 0.00 0.00	33.10 0.07 0.00	35.88 0.00 0.00	38.00 0.00 0.00	35.04 -0.28 0.00	34.41 -0.31 0.00	32.73 -0.50 0.00	30.48 -0.46 0.00	30.31 -0.49 0.00	30.55 -0.53 0.00	31.50 -0.29 0.00	33.68 -0.20 0.00	37.55 0.22 0.00	43.71 0.52 0.00	48.59 0.77 0.00	44.32 0.74 0.00	38.71 0.72 0.00	36.61 0.61 0.00	32.97 0.23 0.00
FOX_HILLS___ESR 323835	50.11 1.91 -16.34	50.01 1.90 -17.46	49.47 1.76 -18.34	49.49 1.75 -19.50	49.44 1.80 -19.51	49.44 1.88 -17.65	50.08 1.98 -15.07	50.13 2.26 -11.99	50.72 2.24 -10.48	53.87 2.05 -16.50	50.74 1.98 -14.05	54.23 1.83 -19.17	53.00 1.73 -20.33	53.05 1.72 -20.53	52.98 1.80 -20.10	54.10 1.81 -20.50	55.54 1.97 -19.69	62.90 2.31 -23.26	64.75 2.68 -18.88	63.12 2.87 -12.43	72.03 2.53 -25.92	54.21 2.13 -14.10	52.00 1.87 -14.14	50.60 1.64 -16.23
FPL FAR_ROCK_GT1 24212	33.80 1.94 0.00	32.55 1.90 0.00	31.16 1.79 0.00	30.02 1.78 0.00	29.98 1.86 0.00	31.91 2.00 0.00	35.11 2.08 0.00	46.13 2.83 -7.42	40.58 2.59 0.00	37.55 2.23 0.00	36.70 1.98 0.00	35.15 1.93 0.00	32.73 1.79 0.00	32.53 1.72 0.00	33.00 1.93 0.00	33.63 1.84 0.00	35.85 1.96 0.00	39.94 2.61 0.00	46.00 2.81 0.00	51.08 3.25 0.00	46.55 2.97 0.00	40.68 2.70 0.00	38.15 2.16 0.00	34.60 1.87 0.00

FPL FAR_ROCK_GT2 23815	33.80 1.94 0.00	32.55 1.90 0.00	31.16 1.79 0.00	30.02 1.78 0.00	29.98 1.86 0.00	31.91 2.00 0.00	35.11 2.08 0.00	46.13 2.83 -7.42	40.58 2.59 0.00	37.55 2.23 0.00	36.70 1.98 0.00	35.15 1.93 0.00	32.73 1.79 0.00	32.53 1.72 0.00	33.00 1.93 0.00	33.63 1.84 0.00	35.85 1.96 0.00	39.94 2.61 0.00	46.00 2.81 0.00	51.08 3.25 0.00	46.55 2.97 0.00	40.68 2.70 0.00	38.15 2.16 0.00	34.60 1.87 0.00
FRANKLIN_FALL_HYD 24054	32.52 0.67 0.00	31.33 0.67 0.00	29.87 0.50 0.00	28.41 0.17 0.00	28.13 0.00 0.00	29.70 -0.21 0.00	32.93 -0.10 0.00	35.84 -0.04 0.00	38.23 0.23 0.00	35.53 0.21 0.00	34.96 0.24 0.00	33.49 0.27 0.00	31.22 0.28 0.00	31.23 0.43 0.00	31.54 0.47 0.00	32.33 0.54 0.00	34.49 0.61 0.00	38.15 0.82 0.00	44.19 0.99 0.00	48.97 1.15 0.00	44.58 1.00 0.00	38.74 0.76 0.00	36.64 0.65 0.00	33.20 0.46 0.00
FREEPORT_EQUS_GT1 23764	33.64 1.78 0.00	32.37 1.72 0.00	31.01 1.64 0.00	29.88 1.64 0.00	29.84 1.72 0.00	31.80 1.89 0.00	34.98 1.95 0.00	46.02 2.73 -7.42	40.47 2.47 0.00	37.41 2.08 0.00	36.56 1.84 0.00	34.99 1.76 0.00	32.55 1.61 0.00	32.34 1.54 0.00	32.85 1.77 0.00	33.47 1.68 0.00	35.68 1.79 0.00	39.76 2.43 0.00	45.74 2.55 0.00	50.79 2.97 0.00	46.28 2.70 0.00	40.49 2.51 0.00	37.94 1.94 0.00	34.41 1.67 0.00
FREEPORT___CT2 23818	33.64 1.78 0.00	32.37 1.72 0.00	31.01 1.64 0.00	29.88 1.64 0.00	29.84 1.72 0.00	31.80 1.89 0.00	34.98 1.95 0.00	46.02 2.73 -7.42	40.47 2.47 0.00	37.41 2.08 0.00	36.56 1.84 0.00	34.99 1.76 0.00	32.55 1.61 0.00	32.34 1.54 0.00	32.85 1.77 0.00	33.47 1.68 0.00	35.68 1.79 0.00	39.76 2.43 0.00	45.74 2.55 0.00	50.79 2.97 0.00	46.28 2.70 0.00	40.49 2.51 0.00	37.94 1.94 0.00	34.41 1.67 0.00
FRESHKLS_33_KV_LOAD 356253	50.08 1.88 -16.34	50.01 1.90 -17.46	49.44 1.73 -18.34	49.47 1.72 -19.50	49.44 1.80 -19.51	49.41 1.85 -17.65	50.05 1.95 -15.07	50.02 2.15 -11.99	50.69 2.20 -10.48	51.93 1.94 -14.67	50.68 1.91 -14.05	51.99 1.73 -17.04	50.66 1.64 -18.08	50.66 1.60 -18.26	50.63 1.68 -17.88	51.71 1.68 -18.23	53.25 1.86 -17.50	54.37 2.17 -14.88	54.48 2.55 -8.73	56.14 2.73 -5.59	54.39 2.40 -8.41	52.58 2.05 -12.55	51.97 1.84 -14.14	50.60 1.64 -16.23
FULTON COGEN____ 23766	31.22 -0.64 0.00	29.98 -0.67 0.00	28.75 -0.62 0.00	27.62 -0.62 0.00	27.54 -0.59 0.00	29.31 -0.60 0.00	32.40 -0.63 0.00	35.16 -0.72 0.00	37.31 -0.68 0.00	34.65 -0.67 0.00	34.09 -0.62 0.00	32.56 -0.66 0.00	30.29 -0.65 0.00	30.16 -0.65 0.00	30.39 -0.68 0.00	31.09 -0.70 0.00	33.14 -0.75 0.00	36.51 -0.82 0.00	42.29 -0.91 0.00	46.87 -0.96 0.00	42.71 -0.87 0.00	37.26 -0.72 0.00	35.31 -0.68 0.00	32.12 -0.62 0.00
FULTON___LFGE 323630	33.90 2.04 0.00	32.61 1.96 0.00	31.22 1.85 0.00	30.02 1.78 0.00	29.95 1.83 0.00	31.97 2.06 0.00	35.28 2.25 0.00	38.21 2.33 0.00	40.39 2.40 0.00	37.37 2.05 0.00	36.73 2.01 0.00	34.99 1.76 0.00	32.49 1.55 0.00	32.31 1.51 0.00	32.60 1.52 0.00	33.47 1.68 0.00	35.85 1.96 0.00	39.72 2.39 0.00	46.35 3.15 0.00	51.36 3.54 0.00	46.76 3.18 0.00	40.84 2.85 0.00	38.59 2.59 0.00	34.93 2.19 0.00
G.F.CEMENT___DRP 24184	33.58 1.72 0.00	32.37 1.72 0.00	31.02 1.64 0.00	29.82 1.58 0.00	29.76 1.63 0.00	31.73 1.82 0.00	34.98 1.95 0.00	38.03 2.15 0.00	40.16 2.17 0.00	37.37 2.05 0.00	36.77 2.05 0.00	35.12 1.89 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.63 1.55 0.00	33.38 1.59 0.00	35.64 1.76 0.00	39.27 1.94 0.00	45.74 2.55 0.00	50.55 2.73 0.00	46.02 2.44 0.00	40.11 2.13 0.00	37.97 1.98 0.00	34.44 1.70 0.00
GARDENVILLE___LBMP 24039	29.21 -2.64 0.00	27.80 -2.85 0.00	26.46 -2.91 0.00	25.47 -2.77 0.00	25.40 -2.73 0.00	27.01 -2.90 0.00	30.36 -2.68 0.00	32.61 -3.26 0.00	35.11 -2.89 0.00	32.53 -2.79 0.00	32.32 -2.40 0.00	30.63 -2.59 0.00	28.37 -2.57 0.00	28.37 -2.43 0.00	28.37 -2.70 0.00	29.31 -2.48 0.00	31.44 -2.44 0.00	34.72 -2.61 0.00	40.60 -2.59 0.00	45.34 -2.49 0.00	41.62 -1.96 0.00	36.28 -1.71 0.00	35.02 -0.97 0.00	31.89 -0.85 0.00
GARDNVLA_35_KV_LD 355827	29.37 -2.48 0.00	27.95 -2.70 0.00	26.61 -2.76 0.00	25.61 -2.63 0.00	25.51 -2.62 0.00	27.13 -2.78 0.00	30.52 -2.51 0.00	32.79 -3.09 0.00	35.30 -2.70 0.00	32.74 -2.58 0.00	32.53 -2.19 0.00	30.80 -2.43 0.00	28.53 -2.41 0.00	28.55 -2.25 0.00	28.53 -2.55 0.00	29.47 -2.32 0.00	31.65 -2.24 0.00	34.94 -2.39 0.00	40.86 -2.33 0.00	45.62 -2.20 0.00	41.88 -1.70 0.00	36.50 -1.48 0.00	35.27 -0.72 0.00	32.08 -0.65 0.00
GELCKHM___115KV_LOAD 80723	31.44 -0.41 0.00	30.19 -0.46 0.00	28.93 -0.44 0.00	27.81 -0.42 0.00	27.73 -0.39 0.00	29.49 -0.42 0.00	32.63 -0.40 0.00	35.41 -0.47 0.00	37.58 -0.42 0.00	34.93 -0.39 0.00	34.37 -0.35 0.00	32.79 -0.43 0.00	30.54 -0.40 0.00	30.40 -0.40 0.00	30.64 -0.44 0.00	31.34 -0.45 0.00	33.44 -0.44 0.00	36.84 -0.49 0.00	42.68 -0.52 0.00	47.30 -0.53 0.00	43.15 -0.44 0.00	37.60 -0.38 0.00	35.63 -0.36 0.00	32.41 -0.33 0.00
GENERAL___MILLS 23808	29.31 -2.55 0.00	27.86 -2.79 0.00	26.55 -2.82 0.00	25.56 -2.68 0.00	25.45 -2.67 0.00	27.07 -2.84 0.00	30.42 -2.61 0.00	32.68 -3.19 0.00	35.19 -2.81 0.00	32.64 -2.68 0.00	32.43 -2.29 0.00	30.70 -2.53 0.00	28.43 -2.51 0.00	28.46 -2.34 0.00	28.44 -2.64 0.00	29.37 -2.42 0.00	31.54 -2.34 0.00	34.83 -2.50 0.00	40.73 -2.46 0.00	45.48 -2.34 0.00	41.75 -1.83 0.00	36.35 -1.63 0.00	35.13 -0.86 0.00	31.98 -0.75 0.00
GE_PLASTICS___DRP 24183	32.52 0.67 0.00	31.36 0.70 0.00	30.11 0.73 0.00	28.97 0.73 0.00	28.89 0.76 0.00	30.72 0.81 0.00	33.82 0.79 0.00	36.59 0.72 0.00	38.49 0.49 0.00	35.82 0.49 0.00	35.17 0.45 0.00	33.76 0.53 0.00	31.47 0.53 0.00	31.33 0.52 0.00	31.61 0.53 0.00	32.30 0.51 0.00	34.42 0.54 0.00	37.85 0.52 0.00	43.89 0.69 0.00	48.49 0.67 0.00	44.19 0.61 0.00	38.48 0.49 0.00	36.46 0.47 0.00	33.16 0.43 0.00
GILBOA___1 23756	32.46 0.60 0.00	31.26 0.61 0.00	29.96 0.59 0.00	28.86 0.62 0.00	28.77 0.65 0.00	30.60 0.69 0.00	33.76 0.73 0.00	36.70 0.83 0.00	38.68 0.68 0.00	35.99 0.67 0.00	35.31 0.59 0.00	33.86 0.63 0.00	31.53 0.59 0.00	31.36 0.56 0.00	31.67 0.59 0.00	32.36 0.57 0.00	34.52 0.64 0.00	38.04 0.71 0.00	44.06 0.86 0.00	48.73 0.91 0.00	44.41 0.83 0.00	38.70 0.72 0.00	36.64 0.65 0.00	33.29 0.56 0.00
GILBOA___2 23757	32.46 0.60 0.00	31.26 0.61 0.00	29.96 0.59 0.00	28.86 0.62 0.00	28.77 0.65 0.00	30.60 0.69 0.00	33.76 0.73 0.00	36.70 0.83 0.00	38.68 0.68 0.00	35.99 0.67 0.00	35.31 0.59 0.00	33.86 0.63 0.00	31.53 0.59 0.00	31.36 0.56 0.00	31.67 0.59 0.00	32.36 0.57 0.00	34.52 0.64 0.00	38.04 0.71 0.00	44.06 0.86 0.00	48.73 0.91 0.00	44.41 0.83 0.00	38.70 0.72 0.00	36.64 0.65 0.00	33.29 0.56 0.00

GILBOA___3 23758	32.46 0.60 0.00	31.26 0.61 0.00	29.96 0.59 0.00	28.86 0.62 0.00	28.77 0.65 0.00	30.60 0.69 0.00	33.76 0.73 0.00	36.70 0.83 0.00	38.68 0.68 0.00	35.99 0.67 0.00	35.31 0.59 0.00	33.86 0.63 0.00	31.53 0.59 0.00	31.36 0.56 0.00	31.67 0.59 0.00	32.36 0.57 0.00	34.52 0.64 0.00	38.04 0.71 0.00	44.06 0.86 0.00	48.73 0.91 0.00	44.41 0.83 0.00	38.70 0.72 0.00	36.64 0.65 0.00	33.29 0.56 0.00
GILBOA___4 23759	32.46 0.60 0.00	31.26 0.61 0.00	29.96 0.59 0.00	28.86 0.62 0.00	28.77 0.65 0.00	30.60 0.69 0.00	33.76 0.73 0.00	36.70 0.83 0.00	38.68 0.68 0.00	35.99 0.67 0.00	35.31 0.59 0.00	33.86 0.63 0.00	31.53 0.59 0.00	31.36 0.56 0.00	31.67 0.59 0.00	32.36 0.57 0.00	34.52 0.64 0.00	38.04 0.71 0.00	44.06 0.86 0.00	48.73 0.91 0.00	44.41 0.83 0.00	38.70 0.72 0.00	36.64 0.65 0.00	33.29 0.56 0.00
GILBOA___ 23599	32.46 0.61 0.00	31.26 0.61 0.00	29.99 0.62 0.00	28.86 0.62 0.00	28.77 0.65 0.00	30.60 0.69 0.00	33.76 0.73 0.00	36.70 0.83 0.00	38.68 0.68 0.00	35.99 0.67 0.00	35.31 0.59 0.00	33.86 0.63 0.00	31.53 0.59 0.00	31.36 0.55 0.00	31.67 0.59 0.00	32.39 0.60 0.00	34.53 0.64 0.00	38.04 0.71 0.00	44.06 0.86 0.00	48.78 0.96 0.00	44.41 0.83 0.00	38.71 0.72 0.00	36.64 0.65 0.00	33.29 0.56 0.00
GINNA___ 23603	29.40 -2.45 0.00	28.01 -2.64 0.00	26.85 -2.53 0.00	25.81 -2.43 0.00	25.65 -2.48 0.00	27.37 -2.54 0.00	30.42 -2.61 0.00	32.90 -2.98 0.00	35.23 -2.77 0.00	32.60 -2.72 0.00	32.29 -2.43 0.00	30.70 -2.53 0.00	28.53 -2.41 0.00	28.49 -2.31 0.00	28.59 -2.49 0.00	29.37 -2.42 0.00	31.38 -2.51 0.00	34.61 -2.72 0.00	40.39 -2.81 0.00	44.67 -3.16 0.00	40.79 -2.79 0.00	35.67 -2.32 0.00	34.05 -1.94 0.00	30.81 -1.93 0.00
GLEN PARK___ 23778	32.08 0.22 0.00	30.84 0.19 0.00	29.61 0.23 0.00	28.46 0.22 0.00	28.15 0.03 0.00	30.09 0.18 0.00	33.29 0.26 0.00	36.09 0.22 0.00	38.23 0.23 0.00	35.18 -0.14 0.00	34.55 -0.17 0.00	32.86 -0.36 0.00	30.60 -0.34 0.00	30.43 -0.37 0.00	30.64 -0.44 0.00	31.63 -0.16 0.00	33.81 -0.07 0.00	37.74 0.41 0.00	44.01 0.82 0.00	48.92 1.10 0.00	44.58 1.00 0.00	38.97 0.99 0.00	36.82 0.83 0.00	33.16 0.42 0.00
GLENDALE_27_KV_LOAD 356172	33.75 1.85 -0.05	32.47 1.81 -0.01	31.30 1.70 -0.22	30.68 1.72 -0.72	30.59 1.74 -0.72	32.42 1.85 -0.65	34.95 1.92 0.00	38.65 2.33 -0.45	40.67 2.28 -0.39	39.89 2.19 -2.38	37.25 2.01 -0.52	37.98 1.99 -2.76	35.74 1.89 -2.92	35.56 1.82 -2.94	35.92 1.96 -2.88	36.67 1.94 -2.94	38.82 2.10 -2.84	48.69 2.43 -8.93	50.39 2.81 -4.39	52.63 3.01 -1.79	50.35 2.70 -4.07	42.21 2.20 -2.02	38.39 1.87 -0.52	34.91 1.57 -0.60
GLENWOOD_IC_1_G5 23712	33.64 1.78 0.00	32.37 1.72 0.00	31.05 1.67 0.00	29.88 1.64 0.00	29.79 1.66 0.00	31.79 1.88 0.00	35.01 1.98 0.00	45.94 2.65 -7.41	40.43 2.43 0.00	37.41 2.08 0.00	36.56 1.84 0.00	35.02 1.79 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.85 1.77 0.00	33.50 1.72 0.00	35.78 1.90 0.00	39.72 2.39 0.00	45.87 2.68 0.00	50.84 3.01 0.00	46.28 2.70 0.00	40.45 2.47 0.00	37.90 1.91 0.00	34.37 1.64 0.00
GLENWOOD_IC_2_G1 23688	33.54 1.69 0.00	32.30 1.65 0.00	30.93 1.56 0.00	29.79 1.55 0.00	29.76 1.63 0.00	31.70 1.79 0.00	34.88 1.85 0.00	45.88 2.58 -7.42	40.32 2.32 0.00	37.30 1.98 0.00	36.49 1.77 0.00	34.92 1.69 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.79 1.71 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.65 2.32 0.00	45.66 2.46 0.00	50.65 2.82 0.00	46.15 2.57 0.00	40.34 2.36 0.00	37.79 1.80 0.00	34.31 1.57 0.00
GLENWOOD_IC_3_G1 23689	33.54 1.69 0.00	32.30 1.65 0.00	30.93 1.56 0.00	29.79 1.55 0.00	29.76 1.63 0.00	31.70 1.79 0.00	34.88 1.85 0.00	45.88 2.58 -7.42	40.32 2.32 0.00	37.30 1.98 0.00	36.49 1.77 0.00	34.92 1.69 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.79 1.71 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.65 2.32 0.00	45.66 2.46 0.00	50.65 2.82 0.00	46.15 2.57 0.00	40.34 2.36 0.00	37.79 1.80 0.00	34.31 1.57 0.00
GLENWOOD___4 23550	33.64 1.78 0.00	32.37 1.72 0.00	31.05 1.67 0.00	29.88 1.64 0.00	29.79 1.66 0.00	31.79 1.88 0.00	35.01 1.98 0.00	45.94 2.65 -7.41	40.43 2.43 0.00	37.41 2.08 0.00	36.56 1.84 0.00	35.02 1.79 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.85 1.77 0.00	33.50 1.72 0.00	35.78 1.90 0.00	39.72 2.39 0.00	45.87 2.68 0.00	50.84 3.01 0.00	46.28 2.70 0.00	40.45 2.47 0.00	37.90 1.91 0.00	34.37 1.64 0.00
GLENWOOD___5 23614	33.64 1.78 0.00	32.37 1.72 0.00	31.05 1.67 0.00	29.88 1.64 0.00	29.79 1.66 0.00	31.79 1.88 0.00	35.01 1.98 0.00	45.94 2.65 -7.41	40.43 2.43 0.00	37.41 2.08 0.00	36.56 1.84 0.00	35.02 1.79 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.85 1.77 0.00	33.50 1.72 0.00	35.78 1.90 0.00	39.72 2.39 0.00	45.87 2.68 0.00	50.84 3.01 0.00	46.28 2.70 0.00	40.45 2.47 0.00	37.90 1.91 0.00	34.37 1.64 0.00
GLOBAL GREEN_PORT_GT1 23814	33.54 1.69 0.00	32.40 1.75 0.00	31.07 1.70 0.00	29.85 1.61 0.00	29.78 1.66 0.00	31.91 2.00 0.00	35.34 2.31 0.00	46.63 3.34 -7.42	41.04 3.04 0.00	37.48 2.15 0.00	36.35 1.63 0.00	34.62 1.40 0.00	32.12 1.18 0.00	31.88 1.08 0.00	32.44 1.37 0.00	32.93 1.14 0.00	34.93 1.05 0.00	39.61 2.28 0.00	45.05 1.86 0.00	50.40 2.58 0.00	45.80 2.22 0.00	40.45 2.47 0.00	37.72 1.73 0.00	34.70 1.96 0.00
GLOBE___DSASP 323697	28.51 -3.34 0.00	27.06 -3.59 0.00	25.82 -3.55 0.00	24.85 -3.39 0.00	24.86 -3.26 0.00	26.32 -3.59 0.00	29.56 -3.47 0.00	31.71 -4.16 0.00	34.20 -3.80 0.00	31.65 -3.67 0.00	31.46 -3.26 0.00	29.84 -3.39 0.00	27.63 -3.31 0.00	27.66 -3.14 0.00	27.66 -3.42 0.00	28.51 -3.27 0.00	30.60 -3.29 0.00	33.67 -3.66 0.00	39.27 -3.93 0.00	43.76 -4.07 0.00	40.14 -3.44 0.00	34.98 -3.00 0.00	33.91 -2.09 0.00	30.87 -1.87 0.00
GOETHSLN___LBMP 323567	33.22 1.37 0.00	32.03 1.38 0.00	30.66 1.29 0.00	29.57 1.33 0.00	29.48 1.35 0.00	31.38 1.47 0.00	34.48 1.45 0.00	37.74 1.87 0.00	39.71 1.71 0.00	37.05 1.73 0.00	36.25 1.53 0.00	34.79 1.56 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.60 1.52 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.23 1.90 0.00	45.36 2.16 0.00	50.12 2.30 0.00	45.63 2.05 0.00	39.62 1.63 0.00	37.29 1.30 0.00	33.82 1.08 0.00
GOLAH___69_KV_TB 1_2 80279	30.20 -1.66 0.00	28.78 -1.87 0.00	27.55 -1.82 0.00	26.52 -1.72 0.00	26.49 -1.63 0.00	28.15 -1.76 0.00	31.38 -1.65 0.00	33.83 -2.04 0.00	36.21 -1.79 0.00	33.52 -1.80 0.00	33.16 -1.56 0.00	31.47 -1.76 0.00	29.24 -1.70 0.00	29.20 -1.60 0.00	29.27 -1.80 0.00	30.10 -1.68 0.00	32.15 -1.73 0.00	35.46 -1.87 0.00	41.38 -1.81 0.00	46.15 -1.67 0.00	42.19 -1.39 0.00	36.85 -1.14 0.00	35.31 -0.68 0.00	32.08 -0.65 0.00

GOODYEAR_LAKE_HYD 323669	32.84 0.99 0.00	31.60 0.95 0.00	30.22 0.85 0.00	29.09 0.85 0.00	29.00 0.87 0.00	30.90 0.99 0.00	34.12 1.09 0.00	37.17 1.29 0.00	39.37 1.37 0.00	36.52 1.20 0.00	35.90 1.18 0.00	34.29 1.06 0.00	31.87 0.93 0.00	31.67 0.86 0.00	31.95 0.87 0.00	32.74 0.95 0.00	34.93 1.05 0.00	38.67 1.34 0.00	44.88 1.68 0.00	49.74 1.91 0.00	45.33 1.74 0.00	39.54 1.56 0.00	37.40 1.40 0.00	33.88 1.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.47 -0.38 0.00	30.19 -0.46 0.00	28.87 -0.50 0.00	27.79 -0.45 0.00	27.68 -0.45 0.00	29.46 -0.45 0.00	32.63 -0.40 0.00	35.41 -0.47 0.00	37.58 -0.42 0.00	34.90 -0.42 0.00	34.37 -0.35 0.00	32.79 -0.43 0.00	30.48 -0.46 0.00	30.34 -0.46 0.00	30.55 -0.53 0.00	31.37 -0.41 0.00	33.51 -0.37 0.00	36.99 -0.34 0.00	42.98 -0.22 0.00	47.73 -0.10 0.00	43.58 0.00 0.00	37.98 0.00 0.00	36.03 0.04 0.00	32.77 0.03 0.00
GOUDEY___7 23579	31.47 -0.38 0.00	30.19 -0.46 0.00	28.87 -0.50 0.00	27.79 -0.45 0.00	27.68 -0.45 0.00	29.46 -0.45 0.00	32.63 -0.40 0.00	35.41 -0.47 0.00	37.58 -0.42 0.00	34.90 -0.42 0.00	34.37 -0.35 0.00	32.79 -0.43 0.00	30.48 -0.46 0.00	30.34 -0.46 0.00	30.55 -0.53 0.00	31.37 -0.41 0.00	33.51 -0.37 0.00	36.99 -0.34 0.00	42.98 -0.22 0.00	47.73 -0.10 0.00	43.58 0.00 0.00	37.98 0.00 0.00	36.03 0.04 0.00	32.77 0.03 0.00
GOUDEY___8 23580	31.47 -0.38 0.00	30.19 -0.46 0.00	28.87 -0.50 0.00	27.79 -0.45 0.00	27.68 -0.45 0.00	29.46 -0.45 0.00	32.63 -0.40 0.00	35.41 -0.47 0.00	37.58 -0.42 0.00	34.90 -0.42 0.00	34.37 -0.35 0.00	32.79 -0.43 0.00	30.48 -0.46 0.00	30.34 -0.46 0.00	30.55 -0.53 0.00	31.37 -0.41 0.00	33.51 -0.37 0.00	36.99 -0.34 0.00	42.98 -0.22 0.00	47.73 -0.10 0.00	43.58 0.00 0.00	37.98 0.00 0.00	36.03 0.04 0.00	32.77 -0.03 0.00
GOWANUS_GT1_1 24077	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT1_2 24078	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT1_3 24079	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT1_4 24080	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT1_5 24084	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT1_6 24111	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT1_7 24112	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT1_8 24113	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT2_1 24114	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT2_2 24115	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT2_3 24116	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23

GOWANUS_GT2_4 24117	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT2_5 24118	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT2_6 24119	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT2_7 24120	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT2_8 24121	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT3_1 24122	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT3_2 24123	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT3_3 24124	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT3_4 24125	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT3_5 24126	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT3_6 24127	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT3_7 24128	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT3_8 24129	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
GOWANUS_GT4_1 24130	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT4_2 24131	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23

GOWANUS_GT4_3 24132	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT4_4 24133	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT4_5 24134	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT4_6 24135	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT4_7 24136	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GOWANUS_GT4_8 24137	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GREENBSH_115KV_TB3 55895	32.49 0.64 0.00	31.36 0.70 0.00	30.13 0.76 0.00	29.03 0.79 0.00	28.94 0.82 0.00	30.75 0.84 0.00	33.82 0.79 0.00	36.49 0.61 0.00	38.34 0.34 0.00	35.71 0.39 0.00	35.07 0.35 0.00	33.69 0.47 0.00	31.44 0.50 0.00	31.26 0.46 0.00	31.54 0.47 0.00	32.23 0.45 0.00	34.36 0.47 0.00	37.67 0.34 0.00	43.71 0.52 0.00	48.30 0.48 0.00	43.97 0.39 0.00	38.33 0.34 0.00	36.32 0.32 0.00	33.03 0.29 0.00
GREENDGE_115KV_TB5 80291	30.96 -0.89 0.00	29.61 -1.04 0.00	28.31 -1.06 0.00	27.22 -1.02 0.00	27.11 -1.01 0.00	28.89 -1.02 0.00	32.11 -0.92 0.00	34.76 -1.11 0.00	37.05 -0.95 0.00	34.33 -0.99 0.00	33.85 -0.87 0.00	32.13 -1.10 0.00	29.83 -1.11 0.00	29.76 -1.05 0.00	29.90 -1.18 0.00	30.77 -1.02 0.00	32.93 -0.95 0.00	36.58 -0.75 0.00	42.72 -0.48 0.00	47.68 -0.14 0.00	43.58 0.00 0.00	38.02 0.04 0.00	36.10 0.11 0.00	32.74 0.00 0.00
GREENIDGE___3 23582	30.96 -0.89 0.00	29.61 -1.04 0.00	28.31 -1.06 0.00	27.22 -1.02 0.00	27.11 -1.01 0.00	28.89 -1.02 0.00	32.11 -0.92 0.00	34.76 -1.11 0.00	37.05 -0.95 0.00	34.33 -0.99 0.00	33.85 -0.87 0.00	32.13 -1.10 0.00	29.83 -1.11 0.00	29.76 -1.05 0.00	29.90 -1.18 0.00	30.77 -1.02 0.00	32.93 -0.95 0.00	36.58 -0.75 0.00	42.72 -0.48 0.00	47.68 -0.14 0.00	43.58 0.00 0.00	38.02 0.04 0.00	36.10 0.11 0.00	32.74 0.00 0.00
GREENIDGE___4 23583	31.03 -0.83 0.00	29.61 -1.04 0.00	28.34 -1.03 0.00	27.22 -1.02 0.00	27.06 -1.07 0.00	28.89 -1.02 0.00	32.11 -0.92 0.00	34.76 -1.11 0.00	37.05 -0.95 0.00	34.33 -0.99 0.00	33.82 -0.90 0.00	32.16 -1.06 0.00	29.86 -1.08 0.00	29.76 -1.05 0.00	29.93 -1.15 0.00	30.80 -0.99 0.00	32.93 -0.95 0.00	36.62 -0.71 0.00	42.85 -0.35 0.00	47.73 -0.10 0.00	43.63 0.04 0.00	38.06 0.08 0.00	36.10 0.11 0.00	32.74 0.00 0.00
GREENLWN_69_KV_BK 3 55738	33.58 1.72 0.00	32.28 1.62 0.00	30.96 1.59 0.00	29.79 1.55 0.00	29.70 1.58 0.00	31.73 1.82 0.00	34.98 1.95 0.00	45.94 2.65 -7.41	40.35 2.36 0.00	37.30 1.98 0.00	36.45 1.74 0.00	34.89 1.66 0.00	32.49 1.55 0.00	32.25 1.45 0.00	32.76 1.68 0.00	33.38 1.59 0.00	35.68 1.80 0.00	39.68 2.35 0.00	45.79 2.59 0.00	50.74 2.92 0.00	46.15 2.57 0.00	40.42 2.43 0.00	37.83 1.84 0.00	34.34 1.60 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23
GRISSOM___SOLAR 323813	33.73 1.88 0.00	32.49 1.84 0.00	31.10 1.73 0.00	29.93 1.69 0.00	29.84 1.72 0.00	31.85 1.94 0.00	35.15 2.12 0.00	38.10 2.23 0.00	40.24 2.24 0.00	37.30 1.98 0.00	36.63 1.91 0.00	34.92 1.69 0.00	32.43 1.49 0.00	32.25 1.45 0.00	32.54 1.46 0.00	33.41 1.62 0.00	35.74 1.86 0.00	39.57 2.24 0.00	46.13 2.94 0.00	51.12 3.30 0.00	46.50 2.92 0.00	40.64 2.66 0.00	38.41 2.41 0.00	34.80 2.06 0.00
GROVEVILLE___HYD 323602	33.32 1.47 0.00	32.09 1.44 0.00	30.72 1.35 0.00	29.59 1.36 0.00	29.53 1.41 0.00	31.44 1.53 0.00	34.58 1.55 0.00	37.70 1.83 0.00	39.71 1.71 0.00	36.91 1.59 0.00	36.14 1.42 0.00	34.62 1.40 0.00	32.24 1.30 0.00	32.03 1.23 0.00	32.41 1.34 0.00	33.15 1.37 0.00	35.34 1.46 0.00	39.08 1.75 0.00	45.36 2.16 0.00	50.12 2.30 0.00	45.63 2.05 0.00	39.69 1.71 0.00	37.43 1.44 0.00	33.98 1.24 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.66 -0.19 0.00	30.41 -0.25 0.00	29.14 -0.23 0.00	27.98 -0.25 0.00	27.90 -0.23 0.00	29.70 -0.21 0.00	32.83 -0.20 0.00	35.62 -0.25 0.00	37.85 -0.15 0.00	35.14 -0.18 0.00	34.58 -0.14 0.00	33.03 -0.20 0.00	30.72 -0.22 0.00	30.59 -0.22 0.00	30.83 -0.25 0.00	31.57 -0.22 0.00	33.64 -0.24 0.00	37.07 -0.26 0.00	42.98 -0.22 0.00	47.63 -0.19 0.00	43.41 -0.17 0.00	37.87 -0.11 0.00	35.89 -0.11 0.00	32.61 -0.13 0.00

HAMLTNNY_34_KV_TB 80303	31.60 -0.25 0.00	30.34 -0.31 0.00	29.08 -0.29 0.00	27.96 -0.28 0.00	27.84 -0.28 0.00	29.64 -0.27 0.00	32.80 -0.23 0.00	35.59 -0.29 0.00	37.85 -0.15 0.00	35.11 -0.21 0.00	34.58 -0.14 0.00	32.96 -0.27 0.00	30.66 -0.28 0.00	30.56 -0.25 0.00	30.77 -0.31 0.00	31.53 -0.25 0.00	33.61 -0.27 0.00	37.07 -0.26 0.00	42.98 -0.22 0.00	47.63 -0.19 0.00	43.45 -0.13 0.00	37.91 -0.08 0.00	35.92 -0.07 0.00	32.64 -0.10 0.00
HAMPSHIRE___PAPER_HYD 323593	31.34 -0.51 0.00	30.22 -0.43 0.00	29.02 -0.35 0.00	27.82 -0.42 0.00	27.45 -0.68 0.00	29.25 -0.66 0.00	32.37 -0.66 0.00	35.12 -0.76 0.00	37.31 -0.68 0.00	34.51 -0.81 0.00	33.89 -0.83 0.00	32.36 -0.86 0.00	30.14 -0.80 0.00	30.00 -0.80 0.00	30.30 -0.78 0.00	31.18 -0.60 0.00	33.27 -0.61 0.00	36.88 -0.45 0.00	42.81 -0.39 0.00	47.44 -0.38 0.00	43.23 -0.35 0.00	37.72 -0.26 0.00	35.70 -0.29 0.00	32.28 -0.46 0.00
HARDSCRABBLE_WT_PWR 323673	31.18 -0.67 0.00	30.04 -0.61 0.00	28.87 -0.50 0.00	27.87 -0.37 0.00	27.82 -0.31 0.00	29.64 -0.27 0.00	32.73 -0.30 0.00	35.55 -0.32 0.00	37.54 -0.45 0.00	34.90 -0.42 0.00	34.34 -0.38 0.00	32.86 -0.36 0.00	30.60 -0.34 0.00	30.46 -0.34 0.00	30.77 -0.31 0.00	31.47 -0.32 0.00	33.54 -0.34 0.00	36.99 -0.34 0.00	42.90 -0.30 0.00	47.59 -0.24 0.00	43.41 -0.17 0.00	37.87 -0.11 0.00	35.89 -0.11 0.00	32.57 -0.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.03 1.18 0.00	31.82 1.16 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.25 1.13 0.00	31.14 1.23 0.00	34.29 1.26 0.00	37.38 1.51 0.00	39.40 1.41 0.00	36.66 1.34 0.00	35.90 1.18 0.00	34.39 1.16 0.00	32.05 1.11 0.00	31.85 1.05 0.00	32.20 1.12 0.00	32.93 1.14 0.00	35.10 1.22 0.00	38.82 1.49 0.00	44.92 1.73 0.00	49.69 1.87 0.00	45.24 1.66 0.00	39.35 1.37 0.00	37.11 1.12 0.00	33.69 0.95 0.00
HARSNRAD_115KV_TB1 81005	28.83 -3.03 0.00	27.40 -3.25 0.00	26.11 -3.26 0.00	25.13 -3.11 0.00	25.06 -3.07 0.00	26.62 -3.29 0.00	29.93 -3.10 0.00	32.11 -3.77 0.00	34.58 -3.42 0.00	32.00 -3.32 0.00	31.80 -2.92 0.00	30.14 -3.09 0.00	27.91 -3.03 0.00	27.94 -2.86 0.00	27.91 -3.17 0.00	28.80 -2.99 0.00	30.90 -2.98 0.00	34.12 -3.21 0.00	39.87 -3.33 0.00	44.52 -3.30 0.00	40.84 -2.75 0.00	35.63 -2.36 0.00	34.45 -1.55 0.00	31.36 -1.37 0.00
HARZA MOOSE___RIVER 24016	32.01 0.16 0.00	30.80 0.15 0.00	29.66 0.29 0.00	28.55 0.31 0.00	28.18 0.06 0.00	30.09 0.18 0.00	33.26 0.23 0.00	36.09 0.22 0.00	38.26 0.27 0.00	35.43 0.11 0.00	34.79 0.07 0.00	33.19 -0.03 0.00	30.91 -0.03 0.00	30.71 -0.09 0.00	30.98 -0.09 0.00	31.95 0.16 0.00	34.09 0.20 0.00	37.82 0.49 0.00	43.89 0.69 0.00	48.64 0.81 0.00	44.32 0.74 0.00	38.67 0.68 0.00	36.61 0.61 0.00	33.10 0.36 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.44 -0.41 0.00	30.19 -0.46 0.00	28.93 -0.44 0.00	27.81 -0.42 0.00	27.70 -0.42 0.00	29.49 -0.42 0.00	32.63 -0.40 0.00	35.41 -0.47 0.00	37.58 -0.42 0.00	34.90 -0.42 0.00	34.37 -0.35 0.00	32.83 -0.40 0.00	30.54 -0.40 0.00	30.40 -0.40 0.00	30.64 -0.44 0.00	31.34 -0.45 0.00	33.44 -0.44 0.00	36.84 -0.49 0.00	42.68 -0.52 0.00	47.30 -0.53 0.00	43.15 -0.44 0.00	37.64 -0.34 0.00	35.67 -0.32 0.00	32.44 -0.29 0.00
HELLGATE_13_KV_LD 55870	33.62 1.72 -0.05	32.38 1.72 -0.01	31.21 1.62 -0.22	30.60 1.64 -0.72	30.51 1.66 -0.72	32.33 1.76 -0.65	34.85 1.82 0.00	38.54 2.22 -0.45	40.52 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.65 1.79 -2.91	35.47 1.72 -2.94	35.79 1.83 -2.88	36.57 1.84 -2.94	38.68 1.97 -2.84	48.53 2.28 -8.93	50.22 2.63 -4.39	52.44 2.82 -1.79	50.17 2.53 -4.07	42.05 2.05 -2.02	38.25 1.73 -0.52	34.81 1.47 -0.60
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.62 1.72 -0.05	32.38 1.72 -0.01	31.21 1.62 -0.22	30.60 1.64 -0.72	30.51 1.66 -0.72	32.33 1.76 -0.65	34.85 1.82 0.00	38.54 2.22 -0.45	40.52 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.65 1.79 -2.91	35.47 1.72 -2.94	35.79 1.83 -2.88	36.57 1.84 -2.94	38.68 1.97 -2.84	48.53 2.28 -8.93	50.22 2.63 -4.39	52.44 2.82 -1.79	50.17 2.53 -4.07	42.05 2.05 -2.02	38.25 1.73 -0.52	34.81 1.47 -0.60
HEMPSTEAD____ 23647	33.51 1.66 0.00	32.27 1.62 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.67 1.76 0.00	34.88 1.85 0.00	45.88 2.58 -7.42	40.32 2.32 0.00	37.26 1.94 0.00	36.42 1.70 0.00	34.85 1.63 0.00	32.46 1.52 0.00	32.25 1.45 0.00	32.72 1.65 0.00	33.35 1.56 0.00	35.54 1.66 0.00	39.61 2.28 0.00	45.57 2.37 0.00	50.60 2.77 0.00	46.06 2.48 0.00	40.30 2.32 0.00	37.76 1.76 0.00	34.28 1.54 0.00
HEWLETT_69_KV_BK3 55828	33.70 1.85 0.00	32.43 1.78 0.00	31.07 1.70 0.00	29.93 1.69 0.00	29.84 1.72 0.00	31.85 1.94 0.00	35.08 2.05 0.00	45.98 2.69 -7.41	40.47 2.47 0.00	37.44 2.12 0.00	36.59 1.87 0.00	35.05 1.83 0.00	32.64 1.70 0.00	32.40 1.60 0.00	32.88 1.80 0.00	33.54 1.75 0.00	35.81 1.93 0.00	39.79 2.46 0.00	45.96 2.76 0.00	50.88 3.06 0.00	46.37 2.79 0.00	40.53 2.54 0.00	38.01 2.02 0.00	34.47 1.74 0.00
HICKLING___1 23621	30.64 -1.21 0.00	29.30 -1.35 0.00	27.99 -1.38 0.00	26.91 -1.33 0.00	26.80 -1.32 0.00	28.53 -1.38 0.00	31.74 -1.29 0.00	34.33 -1.54 0.00	36.59 -1.41 0.00	33.94 -1.38 0.00	33.47 -1.25 0.00	31.83 -1.40 0.00	29.55 -1.39 0.00	29.45 -1.36 0.00	29.59 -1.49 0.00	30.48 -1.30 0.00	32.63 -1.25 0.00	36.21 -1.12 0.00	42.29 -0.91 0.00	47.25 -0.57 0.00	43.23 -0.35 0.00	37.72 -0.27 0.00	35.85 -0.14 0.00	32.61 -0.13 0.00
HICKLING___2 23622	30.64 -1.21 0.00	29.30 -1.35 0.00	27.99 -1.38 0.00	26.91 -1.33 0.00	26.80 -1.32 0.00	28.53 -1.38 0.00	31.74 -1.29 0.00	34.33 -1.54 0.00	36.59 -1.41 0.00	33.94 -1.38 0.00	33.47 -1.25 0.00	31.83 -1.40 0.00	29.55 -1.39 0.00	29.45 -1.36 0.00	29.59 -1.49 0.00	30.48 -1.30 0.00	32.63 -1.25 0.00	36.21 -1.12 0.00	42.29 -0.91 0.00	47.25 -0.57 0.00	43.23 -0.35 0.00	37.72 -0.27 0.00	35.85 -0.14 0.00	32.61 -0.13 0.00
HIGH FALLS___HY 23754	33.16 1.31 0.00	31.91 1.26 0.00	30.55 1.17 0.00	29.42 1.19 0.00	29.34 1.21 0.00	31.23 1.32 0.00	34.39 1.35 0.00	37.53 1.65 0.00	39.59 1.60 0.00	36.77 1.45 0.00	35.93 1.22 0.00	34.42 1.20 0.00	32.08 1.14 0.00	31.85 1.05 0.00	32.23 1.15 0.00	33.00 1.21 0.00	35.17 1.29 0.00	39.01 1.68 0.00	45.27 2.07 0.00	50.02 2.20 0.00	45.59 2.00 0.00	39.66 1.67 0.00	37.36 1.37 0.00	33.92 1.18 0.00
HIGH_RIVER___SOLAR 323847	33.10 1.24 0.00	31.88 1.23 0.00	30.55 1.18 0.00	29.37 1.13 0.00	29.31 1.18 0.00	31.20 1.29 0.00	34.42 1.39 0.00	37.31 1.44 0.00	39.36 1.37 0.00	36.45 1.13 0.00	35.80 1.08 0.00	34.16 0.93 0.00	31.81 0.87 0.00	31.63 0.83 0.00	31.95 0.87 0.00	32.77 0.99 0.00	35.03 1.15 0.00	38.75 1.42 0.00	45.05 1.86 0.00	49.88 2.06 0.00	45.45 1.87 0.00	39.62 1.63 0.00	37.51 1.51 0.00	34.05 1.31 0.00

HILLBURN___GT 23639	32.94 1.08 0.00	31.79 1.13 0.00	30.46 1.09 0.00	29.31 1.07 0.00	29.28 1.15 0.00	31.11 1.20 0.00	34.25 1.22 0.00	37.45 1.58 0.00	39.44 1.44 0.00	36.70 1.38 0.00	35.93 1.21 0.00	34.46 1.23 0.00	32.12 1.18 0.00	31.91 1.11 0.00	32.29 1.21 0.00	32.96 1.18 0.00	35.14 1.25 0.00	38.82 1.49 0.00	44.84 1.64 0.00	49.69 1.86 0.00	45.20 1.61 0.00	39.31 1.33 0.00	37.04 1.04 0.00	33.62 0.88 0.00
HILLSIDE_115KV_TB1 80332	30.45 -1.40 0.00	29.15 -1.50 0.00	27.87 -1.50 0.00	26.80 -1.44 0.00	26.72 -1.41 0.00	28.41 -1.50 0.00	31.61 -1.42 0.00	34.19 -1.69 0.00	36.40 -1.60 0.00	33.77 -1.55 0.00	33.30 -1.42 0.00	31.70 -1.53 0.00	29.42 -1.52 0.00	29.32 -1.48 0.00	29.49 -1.58 0.00	30.36 -1.43 0.00	32.46 -1.42 0.00	35.91 -1.42 0.00	41.90 -1.30 0.00	46.72 -1.10 0.00	42.71 -0.87 0.00	37.23 -0.76 0.00	35.38 -0.61 0.00	32.21 -0.52 0.00
HISHELDN_WT_PWR 323625	28.70 -3.15 0.00	27.19 -3.46 0.00	25.99 -3.38 0.00	24.96 -3.28 0.00	24.75 -3.38 0.00	26.47 -3.44 0.00	29.56 -3.47 0.00	31.78 -4.09 0.00	34.08 -3.91 0.00	31.54 -3.78 0.00	31.28 -3.44 0.00	29.67 -3.55 0.00	27.50 -3.44 0.00	27.48 -3.33 0.00	27.57 -3.51 0.00	28.48 -3.31 0.00	30.49 -3.39 0.00	34.04 -3.29 0.00	40.30 -2.89 0.00	45.15 -2.68 0.00	41.53 -2.05 0.00	36.28 -1.71 0.00	34.84 -1.15 0.00	31.69 -1.05 0.00
HOLTSVILLE_IC_1 23690	33.42 1.56 0.00	32.21 1.56 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.77 1.86 0.00	35.08 2.05 0.00	46.13 2.83 -7.42	40.50 2.51 0.00	37.19 1.87 0.00	36.32 1.60 0.00	34.65 1.43 0.00	32.24 1.30 0.00	32.00 1.20 0.00	32.54 1.46 0.00	33.12 1.33 0.00	35.24 1.36 0.00	39.57 2.24 0.00	45.31 2.12 0.00	50.50 2.68 0.00	46.02 2.44 0.00	40.49 2.51 0.00	37.72 1.73 0.00	34.41 1.67 0.00
HOLTSVILLE_IC_10 23699	33.54 1.69 0.00	32.30 1.65 0.00	30.99 1.61 0.00	29.88 1.64 0.00	29.84 1.72 0.00	31.88 1.97 0.00	35.18 2.15 0.00	46.31 3.01 -7.42	40.66 2.66 0.00	37.33 2.01 0.00	36.42 1.70 0.00	34.76 1.53 0.00	32.30 1.36 0.00	32.10 1.29 0.00	32.63 1.55 0.00	33.22 1.43 0.00	35.34 1.46 0.00	39.76 2.43 0.00	45.53 2.33 0.00	50.79 2.97 0.00	46.28 2.70 0.00	40.68 2.70 0.00	37.86 1.87 0.00	34.57 1.83 0.00
HOLTSVILLE_IC_2 23691	33.42 1.56 0.00	32.21 1.56 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.77 1.86 0.00	35.08 2.05 0.00	46.13 2.83 -7.42	40.50 2.51 0.00	37.19 1.87 0.00	36.32 1.60 0.00	34.65 1.43 0.00	32.24 1.30 0.00	32.00 1.20 0.00	32.54 1.46 0.00	33.12 1.33 0.00	35.24 1.36 0.00	39.57 2.24 0.00	45.31 2.12 0.00	50.50 2.68 0.00	46.02 2.44 0.00	40.49 2.51 0.00	37.72 1.73 0.00	34.41 1.67 0.00
HOLTSVILLE_IC_3 23692	33.42 1.56 0.00	32.21 1.56 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.77 1.86 0.00	35.08 2.05 0.00	46.13 2.83 -7.42	40.50 2.51 0.00	37.19 1.87 0.00	36.32 1.60 0.00	34.65 1.43 0.00	32.24 1.30 0.00	32.00 1.20 0.00	32.54 1.46 0.00	33.12 1.33 0.00	35.24 1.36 0.00	39.57 2.24 0.00	45.31 2.12 0.00	50.50 2.68 0.00	46.02 2.44 0.00	40.49 2.51 0.00	37.72 1.73 0.00	34.41 1.67 0.00
HOLTSVILLE_IC_4 23693	33.42 1.56 0.00	32.21 1.56 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.77 1.86 0.00	35.08 2.05 0.00	46.13 2.83 -7.42	40.50 2.51 0.00	37.19 1.87 0.00	36.32 1.60 0.00	34.65 1.43 0.00	32.24 1.30 0.00	32.00 1.20 0.00	32.54 1.46 0.00	33.12 1.33 0.00	35.24 1.36 0.00	39.57 2.24 0.00	45.31 2.12 0.00	50.50 2.68 0.00	46.02 2.44 0.00	40.49 2.51 0.00	37.72 1.73 0.00	34.41 1.67 0.00
HOLTSVILLE_IC_5 23694	33.42 1.56 0.00	32.21 1.56 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.77 1.86 0.00	35.08 2.05 0.00	46.13 2.83 -7.42	40.50 2.51 0.00	37.19 1.87 0.00	36.32 1.60 0.00	34.65 1.43 0.00	32.24 1.30 0.00	32.00 1.20 0.00	32.54 1.46 0.00	33.12 1.33 0.00	35.24 1.36 0.00	39.57 2.24 0.00	45.31 2.12 0.00	50.50 2.68 0.00	46.02 2.44 0.00	40.49 2.51 0.00	37.72 1.73 0.00	34.41 1.67 0.00
HOLTSVILLE_IC_6 23695	33.54 1.69 0.00	32.30 1.65 0.00	30.99 1.61 0.00	29.88 1.64 0.00	29.84 1.72 0.00	31.88 1.97 0.00	35.18 2.15 0.00	46.31 3.01 -7.42	40.66 2.66 0.00	37.33 2.01 0.00	36.42 1.70 0.00	34.76 1.53 0.00	32.30 1.36 0.00	32.10 1.29 0.00	32.63 1.55 0.00	33.22 1.43 0.00	35.34 1.46 0.00	39.76 2.43 0.00	45.53 2.33 0.00	50.79 2.97 0.00	46.28 2.70 0.00	40.68 2.70 0.00	37.86 1.87 0.00	34.57 1.83 0.00
HOLTSVILLE_IC_7 23696	33.54 1.69 0.00	32.30 1.65 0.00	30.99 1.61 0.00	29.88 1.64 0.00	29.84 1.72 0.00	31.88 1.97 0.00	35.18 2.15 0.00	46.31 3.01 -7.42	40.66 2.66 0.00	37.33 2.01 0.00	36.42 1.70 0.00	34.76 1.53 0.00	32.30 1.36 0.00	32.10 1.29 0.00	32.63 1.55 0.00	33.22 1.43 0.00	35.34 1.46 0.00	39.76 2.43 0.00	45.53 2.33 0.00	50.79 2.97 0.00	46.28 2.70 0.00	40.68 2.70 0.00	37.86 1.87 0.00	34.57 1.83 0.00
HOLTSVILLE_IC_8 23697	33.54 1.69 0.00	32.30 1.65 0.00	30.99 1.61 0.00	29.88 1.64 0.00	29.84 1.72 0.00	31.88 1.97 0.00	35.18 2.15 0.00	46.31 3.01 -7.42	40.66 2.66 0.00	37.33 2.01 0.00	36.42 1.70 0.00	34.76 1.53 0.00	32.30 1.36 0.00	32.10 1.29 0.00	32.63 1.55 0.00	33.22 1.43 0.00	35.34 1.46 0.00	39.76 2.43 0.00	45.53 2.33 0.00	50.79 2.97 0.00	46.28 2.70 0.00	40.68 2.70 0.00	37.86 1.87 0.00	34.57 1.83 0.00
HOLTSVILLE_IC_9 23698	33.54 1.69 0.00	32.30 1.65 0.00	30.99 1.61 0.00	29.88 1.64 0.00	29.84 1.72 0.00	31.88 1.97 0.00	35.18 2.15 0.00	46.31 3.01 -7.42	40.66 2.66 0.00	37.33 2.01 0.00	36.42 1.70 0.00	34.76 1.53 0.00	32.30 1.36 0.00	32.10 1.29 0.00	32.63 1.55 0.00	33.22 1.43 0.00	35.34 1.46 0.00	39.76 2.43 0.00	45.53 2.33 0.00	50.79 2.97 0.00	46.28 2.70 0.00	40.68 2.70 0.00	37.86 1.87 0.00	34.57 1.83 0.00
HOMER_HL_115KV_TB2 355744	29.43 -2.42 0.00	28.08 -2.57 0.00	26.76 -2.61 0.00	25.78 -2.46 0.00	25.65 -2.48 0.00	27.28 -2.63 0.00	30.59 -2.44 0.00	32.97 -2.91 0.00	35.34 -2.66 0.00	32.78 -2.54 0.00	32.46 -2.26 0.00	30.80 -2.43 0.00	28.53 -2.41 0.00	28.49 -2.31 0.00	28.53 -2.55 0.00	29.47 -2.32 0.00	31.65 -2.24 0.00	34.94 -2.39 0.00	40.95 -2.25 0.00	45.86 -1.96 0.00	42.10 -1.48 0.00	36.62 -1.37 0.00	35.17 -0.83 0.00	32.08 -0.65 0.00
HOWARD_WT_PWR 323690	29.12 -2.74 0.00	27.65 -3.00 0.00	26.46 -2.91 0.00	25.39 -2.85 0.00	25.20 -2.93 0.00	26.92 -2.99 0.00	29.96 -3.07 0.00	32.43 -3.44 0.00	34.62 -3.38 0.00	32.11 -3.21 0.00	31.70 -3.02 0.00	30.07 -3.16 0.00	27.88 -3.06 0.00	27.72 -3.08 0.00	27.78 -3.29 0.00	28.74 -3.05 0.00	30.87 -3.02 0.00	34.94 -2.39 0.00	41.60 -1.60 0.00	47.01 -0.81 0.00	43.23 -0.35 0.00	37.80 -0.19 0.00	35.99 0.00 0.00	32.64 -0.10 0.00

HQ_GEN_CEDARS 23644	32.24 0.38 0.00	31.08 0.43 0.00	29.72 0.35 0.00	28.44 0.20 0.00	28.21 0.08 0.00	29.94 0.03 0.00	33.13 0.10 0.00	35.98 0.11 0.00	38.26 0.27 0.00	35.53 0.21 0.00	34.93 0.21 0.00	33.43 0.20 0.00	31.13 0.19 0.00	31.05 0.25 0.00	31.36 0.28 0.00	32.07 0.29 0.00	34.19 0.30 0.00	37.74 0.41 0.00	43.63 0.43 0.00	48.35 0.53 0.00	44.02 0.44 0.00	38.36 0.38 0.00	36.35 0.36 0.00	33.06 0.33 0.00
HQ_GEN_CEDARS_PROXY 323590	32.24 0.38 0.00	31.08 0.43 0.00	29.72 0.35 0.00	28.44 0.20 0.00	28.21 0.08 0.00	29.94 0.03 0.00	33.13 0.10 0.00	35.98 0.11 0.00	38.27 0.27 0.00	35.53 0.21 0.00	34.93 0.21 0.00	33.43 0.20 0.00	31.13 0.19 0.00	31.05 0.25 0.00	31.36 0.28 0.00	32.07 0.29 0.00	34.19 0.30 0.00	37.74 0.41 0.00	43.63 0.43 0.00	48.35 0.53 0.00	44.02 0.44 0.00	38.36 0.38 0.00	36.35 0.36 0.00	33.06 0.33 0.00
HQ_GEN_IMPORT 323601	31.85 0.00 0.00	30.68 0.03 0.00	29.37 0.00 0.00	28.18 -0.06 0.00	28.01 -0.11 0.00	29.76 -0.15 0.00	32.90 -0.13 0.00	35.73 -0.14 0.00	37.96 -0.04 0.00	35.29 -0.04 0.00	34.68 -0.03 0.00	33.23 0.00 0.00	30.94 0.00 0.00	30.83 0.03 0.00	31.11 0.03 0.00	31.82 0.03 0.00	33.92 0.03 0.00	37.37 0.04 0.00	43.15 -0.04 0.00	47.78 -0.05 0.00	43.54 -0.04 0.00	37.95 -0.04 0.00	35.96 -0.04 0.00	32.70 -0.03 0.00
HQ_GEN_WHEEL 23651	31.85 0.00 0.00	30.68 0.03 0.00	29.37 0.00 0.00	28.18 -0.06 0.00	28.01 -0.11 0.00	29.76 -0.15 0.00	32.90 -0.13 0.00	35.73 -0.14 0.00	37.96 -0.04 0.00	35.29 -0.04 0.00	34.68 -0.03 0.00	33.23 0.00 0.00	30.94 0.00 0.00	30.83 0.03 0.00	31.11 0.03 0.00	31.82 0.03 0.00	33.92 0.03 0.00	37.37 0.04 0.00	43.15 -0.04 0.00	47.78 -0.05 0.00	43.54 -0.04 0.00	37.95 -0.04 0.00	35.96 -0.04 0.00	32.70 -0.03 0.00
HUDSON AVE_GT_3 23810	33.45 1.59 0.00	32.24 1.59 0.00	30.87 1.50 0.00	29.74 1.50 0.00	29.67 1.55 0.00	31.56 1.65 0.00	34.72 1.68 0.00	37.96 2.08 0.00	39.97 1.98 0.00	37.26 1.94 0.00	36.45 1.74 0.00	34.99 1.76 0.00	32.61 1.67 0.00	32.40 1.60 0.00	32.79 1.71 0.00	33.50 1.72 0.00	35.75 1.86 0.00	39.46 2.13 0.00	45.66 2.46 0.00	50.45 2.63 0.00	45.94 2.35 0.00	39.88 1.90 0.00	37.54 1.55 0.00	34.05 1.31 0.00
HUDSON AVE_GT_4 23540	33.45 1.59 0.00	32.24 1.59 0.00	30.87 1.50 0.00	29.74 1.50 0.00	29.67 1.55 0.00	31.56 1.65 0.00	34.72 1.68 0.00	37.96 2.08 0.00	39.97 1.98 0.00	37.26 1.94 0.00	36.45 1.74 0.00	34.99 1.76 0.00	32.61 1.67 0.00	32.40 1.60 0.00	32.79 1.71 0.00	33.50 1.72 0.00	35.75 1.86 0.00	39.46 2.13 0.00	45.66 2.46 0.00	50.45 2.63 0.00	45.94 2.35 0.00	39.88 1.90 0.00	37.54 1.55 0.00	34.05 1.31 0.00
HUDSON AVE_GT_5 23657	33.45 1.59 0.00	32.24 1.59 0.00	30.87 1.50 0.00	29.74 1.50 0.00	29.67 1.55 0.00	31.56 1.65 0.00	34.72 1.68 0.00	37.96 2.08 0.00	39.97 1.98 0.00	37.26 1.94 0.00	36.45 1.74 0.00	34.99 1.76 0.00	32.61 1.67 0.00	32.40 1.60 0.00	32.79 1.71 0.00	33.50 1.72 0.00	35.75 1.86 0.00	39.46 2.13 0.00	45.66 2.46 0.00	50.45 2.63 0.00	45.94 2.35 0.00	39.88 1.90 0.00	37.54 1.55 0.00	34.05 1.31 0.00
HUDSON_AVE_10 24168	33.42 1.56 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.74 1.50 0.00	29.64 1.52 0.00	31.56 1.65 0.00	34.68 1.65 0.00	37.96 2.08 0.00	40.01 2.01 0.00	37.30 1.98 0.00	36.49 1.77 0.00	35.02 1.79 0.00	32.64 1.70 0.00	32.44 1.63 0.00	32.82 1.74 0.00	33.54 1.75 0.00	35.78 1.90 0.00	39.53 2.20 0.00	45.70 2.51 0.00	50.50 2.68 0.00	45.98 2.40 0.00	39.88 1.90 0.00	37.54 1.55 0.00	34.05 1.31 0.00
HUDSON___115KV_TB 4 355613	33.07 1.21 0.00	31.88 1.23 0.00	30.60 1.23 0.00	29.45 1.21 0.00	29.39 1.27 0.00	31.26 1.35 0.00	34.39 1.35 0.00	37.06 1.18 0.00	38.95 0.95 0.00	36.13 0.81 0.00	35.45 0.73 0.00	33.99 0.76 0.00	31.65 0.71 0.00	31.51 0.71 0.00	31.79 0.71 0.00	32.55 0.76 0.00	34.73 0.85 0.00	38.30 0.97 0.00	44.58 1.38 0.00	49.26 1.43 0.00	44.89 1.31 0.00	39.12 1.14 0.00	37.04 1.04 0.00	33.72 0.98 0.00
HUNTER MOUNT___DRP 323613	33.22 1.37 0.00	32.03 1.38 0.00	30.75 1.38 0.00	29.59 1.36 0.00	29.53 1.41 0.00	31.44 1.53 0.00	34.55 1.52 0.00	37.17 1.29 0.00	39.06 1.06 0.00	36.20 0.88 0.00	35.48 0.76 0.00	34.02 0.80 0.00	31.65 0.71 0.00	31.51 0.71 0.00	31.82 0.75 0.00	32.58 0.79 0.00	34.76 0.88 0.00	38.38 1.05 0.00	44.75 1.56 0.00	49.50 1.67 0.00	45.06 1.48 0.00	39.31 1.33 0.00	37.22 1.22 0.00	33.92 1.18 0.00
HUNTINGTON_RES_REC 323705	33.51 1.66 0.00	32.27 1.62 0.00	30.93 1.56 0.00	29.79 1.55 0.00	29.76 1.63 0.00	31.77 1.86 0.00	35.01 1.98 0.00	46.10 2.80 -7.42	40.47 2.47 0.00	37.30 1.98 0.00	36.42 1.70 0.00	34.79 1.56 0.00	32.36 1.42 0.00	32.16 1.35 0.00	32.69 1.61 0.00	33.28 1.49 0.00	35.44 1.56 0.00	39.72 2.39 0.00	45.57 2.37 0.00	50.74 2.92 0.00	46.24 2.66 0.00	40.53 2.55 0.00	37.86 1.87 0.00	34.44 1.70 0.00
HUNTLEY___63 23557	29.05 -2.80 0.00	27.62 -3.03 0.00	26.32 -3.05 0.00	25.33 -2.91 0.00	25.29 -2.84 0.00	26.86 -3.05 0.00	30.16 -2.87 0.00	32.40 -3.48 0.00	34.92 -3.08 0.00	32.35 -2.97 0.00	32.15 -2.57 0.00	30.44 -2.79 0.00	28.19 -2.75 0.00	28.22 -2.59 0.00	28.19 -2.89 0.00	29.12 -2.67 0.00	31.24 -2.64 0.00	34.46 -2.87 0.00	40.30 -2.89 0.00	44.95 -2.87 0.00	41.23 -2.35 0.00	35.93 -2.05 0.00	34.77 -1.22 0.00	31.66 -1.08 0.00
HUNTLEY___64 23558	29.05 -2.80 0.00	27.62 -3.03 0.00	26.32 -3.05 0.00	25.33 -2.91 0.00	25.29 -2.84 0.00	26.86 -3.05 0.00	30.16 -2.87 0.00	32.40 -3.48 0.00	34.92 -3.08 0.00	32.35 -2.97 0.00	32.15 -2.57 0.00	30.44 -2.79 0.00	28.19 -2.75 0.00	28.22 -2.59 0.00	28.19 -2.89 0.00	29.12 -2.67 0.00	31.24 -2.64 0.00	34.46 -2.87 0.00	40.30 -2.89 0.00	44.95 -2.87 0.00	41.23 -2.35 0.00	35.93 -2.05 0.00	34.77 -1.22 0.00	31.66 -1.08 0.00
HUNTLEY___65 23559	29.05 -2.80 0.00	27.62 -3.03 0.00	26.32 -3.05 0.00	25.33 -2.91 0.00	25.29 -2.84 0.00	26.86 -3.05 0.00	30.16 -2.87 0.00	32.40 -3.48 0.00	34.92 -3.08 0.00	32.35 -2.97 0.00	32.15 -2.57 0.00	30.44 -2.79 0.00	28.19 -2.75 0.00	28.22 -2.59 0.00	28.19 -2.89 0.00	29.12 -2.67 0.00	31.24 -2.64 0.00	34.46 -2.87 0.00	40.30 -2.89 0.00	44.95 -2.87 0.00	41.23 -2.35 0.00	35.93 -2.05 0.00	34.77 -1.22 0.00	31.66 -1.08 0.00
HUNTLEY___66 23560	29.05 -2.80 0.00	27.62 -3.03 0.00	26.32 -3.05 0.00	25.33 -2.91 0.00	25.29 -2.84 0.00	26.86 -3.05 0.00	30.16 -2.87 0.00	32.40 -3.48 0.00	34.92 -3.08 0.00	32.35 -2.97 0.00	32.15 -2.57 0.00	30.44 -2.79 0.00	28.19 -2.75 0.00	28.22 -2.59 0.00	28.19 -2.89 0.00	29.12 -2.67 0.00	31.24 -2.64 0.00	34.46 -2.87 0.00	40.30 -2.89 0.00	44.95 -2.87 0.00	41.23 -2.35 0.00	35.93 -2.05 0.00	34.77 -1.22 0.00	31.66 -1.08 0.00

HUNTLEY___67 23561	29.02 -2.84 0.00	27.62 -3.03 0.00	26.32 -3.05 0.00	25.33 -2.91 0.00	25.26 -2.87 0.00	26.83 -3.08 0.00	30.12 -2.91 0.00	32.36 -3.52 0.00	34.88 -3.12 0.00	32.28 -3.04 0.00	32.08 -2.64 0.00	30.40 -2.82 0.00	28.19 -2.75 0.00	28.18 -2.62 0.00	28.19 -2.89 0.00	29.09 -2.70 0.00	31.21 -2.68 0.00	34.38 -2.95 0.00	40.17 -3.02 0.00	44.81 -3.01 0.00	41.10 -2.48 0.00	35.82 -2.17 0.00	34.66 -1.33 0.00	31.56 -1.18 0.00
HUNTLEY___68 23562	29.02 -2.84 0.00	27.62 -3.03 0.00	26.32 -3.05 0.00	25.33 -2.91 0.00	25.26 -2.87 0.00	26.83 -3.08 0.00	30.12 -2.91 0.00	32.36 -3.52 0.00	34.88 -3.12 0.00	32.28 -3.04 0.00	32.08 -2.64 0.00	30.40 -2.82 0.00	28.19 -2.75 0.00	28.18 -2.62 0.00	28.19 -2.89 0.00	29.09 -2.70 0.00	31.21 -2.68 0.00	34.38 -2.95 0.00	40.17 -3.02 0.00	44.81 -3.01 0.00	41.10 -2.48 0.00	35.82 -2.17 0.00	34.66 -1.33 0.00	31.56 -1.18 0.00
HYLAND___LFGE 323620	31.15 -0.70 0.00	29.58 -1.07 0.00	28.32 -1.06 0.00	27.19 -1.04 0.00	27.00 -1.13 0.00	28.89 -1.02 0.00	32.21 -0.82 0.00	34.66 -1.22 0.00	36.82 -1.18 0.00	33.84 -1.48 0.00	33.19 -1.53 0.00	31.37 -1.86 0.00	29.05 -1.89 0.00	28.96 -1.85 0.00	29.09 -1.99 0.00	30.01 -1.78 0.00	32.22 -1.66 0.00	36.29 -1.05 0.00	43.24 0.04 0.00	48.49 0.67 0.00	44.58 1.00 0.00	39.05 1.06 0.00	37.18 1.19 0.00	33.49 0.75 0.00
INDECK___CORINTH 23802	33.51 1.66 0.00	32.30 1.65 0.00	30.96 1.58 0.00	29.76 1.52 0.00	29.70 1.57 0.00	31.67 1.76 0.00	34.98 1.95 0.00	37.96 2.08 0.00	40.12 2.13 0.00	37.33 2.01 0.00	36.73 2.01 0.00	35.09 1.86 0.00	32.46 1.52 0.00	32.28 1.48 0.00	32.57 1.49 0.00	33.31 1.53 0.00	35.58 1.69 0.00	39.20 1.87 0.00	45.57 2.37 0.00	50.45 2.63 0.00	45.89 2.31 0.00	40.00 2.01 0.00	37.90 1.91 0.00	34.37 1.64 0.00
INDECK___ILION 23567	31.66 -0.19 0.00	30.47 -0.18 0.00	29.25 -0.12 0.00	28.18 -0.06 0.00	28.10 -0.03 0.00	29.91 0.00 0.00	33.03 0.00 0.00	35.88 0.00 0.00	37.92 -0.08 0.00	35.25 -0.07 0.00	34.68 -0.03 0.00	33.16 -0.07 0.00	30.91 -0.03 0.00	30.74 -0.06 0.00	31.02 -0.06 0.00	31.76 -0.03 0.00	33.85 -0.03 0.00	37.33 0.00 0.00	43.24 0.04 0.00	47.87 0.05 0.00	43.67 0.09 0.00	38.10 0.11 0.00	36.07 0.07 0.00	32.77 0.03 0.00
INDECK___OLEAN 23982	29.53 -2.32 0.00	28.08 -2.57 0.00	26.82 -2.56 0.00	25.81 -2.43 0.00	25.59 -2.53 0.00	27.31 -2.60 0.00	30.59 -2.44 0.00	32.93 -2.94 0.00	35.34 -2.66 0.00	32.78 -2.54 0.00	32.46 -2.26 0.00	30.83 -2.39 0.00	28.56 -2.38 0.00	28.52 -2.28 0.00	28.56 -2.52 0.00	29.50 -2.29 0.00	31.64 -2.24 0.00	34.98 -2.35 0.00	41.12 -2.07 0.00	45.91 -1.91 0.00	42.10 -1.48 0.00	36.69 -1.29 0.00	35.17 -0.83 0.00	32.08 -0.65 0.00
INDECK___OSWEGO 23783	31.15 -0.70 0.00	29.91 -0.74 0.00	28.70 -0.67 0.00	27.59 -0.65 0.00	27.45 -0.68 0.00	29.25 -0.66 0.00	32.34 -0.70 0.00	35.05 -0.82 0.00	37.20 -0.80 0.00	34.54 -0.78 0.00	33.95 -0.76 0.00	32.46 -0.76 0.00	30.20 -0.74 0.00	30.06 -0.74 0.00	30.30 -0.78 0.00	30.99 -0.79 0.00	33.04 -0.85 0.00	36.40 -0.93 0.00	42.20 -0.99 0.00	46.73 -1.10 0.00	42.58 -1.00 0.00	37.15 -0.84 0.00	35.20 -0.79 0.00	32.05 -0.69 0.00
INDECK___YERKES 23781	29.24 -2.61 0.00	27.65 -3.00 0.00	26.43 -2.94 0.00	25.41 -2.82 0.00	25.12 -3.01 0.00	26.92 -2.99 0.00	30.19 -2.84 0.00	32.36 -3.51 0.00	34.96 -3.04 0.00	32.35 -2.97 0.00	32.15 -2.57 0.00	30.50 -2.72 0.00	28.25 -2.69 0.00	28.28 -2.53 0.00	28.28 -2.80 0.00	29.21 -2.57 0.00	31.31 -2.58 0.00	34.57 -2.76 0.00	40.69 -2.51 0.00	45.05 -2.78 0.00	41.31 -2.27 0.00	36.05 -1.94 0.00	34.84 -1.15 0.00	31.69 -1.05 0.00
INDIAN POINT_GT_1 24139	33.03 1.18 0.00	31.85 1.20 0.00	30.49 1.12 0.00	29.37 1.13 0.00	29.31 1.18 0.00	31.17 1.26 0.00	34.32 1.29 0.00	37.49 1.61 0.00	39.48 1.48 0.00	36.73 1.41 0.00	35.97 1.25 0.00	34.49 1.26 0.00	32.15 1.21 0.00	31.94 1.14 0.00	32.32 1.24 0.00	33.03 1.24 0.00	35.24 1.36 0.00	38.90 1.57 0.00	45.01 1.81 0.00	49.74 1.91 0.00	45.28 1.70 0.00	39.39 1.41 0.00	37.11 1.12 0.00	33.65 0.92 0.00
INDIAN POINT_GT_2 23659	33.03 1.18 0.00	31.85 1.20 0.00	30.49 1.12 0.00	29.37 1.13 0.00	29.31 1.18 0.00	31.17 1.26 0.00	34.32 1.29 0.00	37.49 1.61 0.00	39.48 1.48 0.00	36.73 1.41 0.00	35.97 1.25 0.00	34.49 1.26 0.00	32.15 1.21 0.00	31.94 1.14 0.00	32.32 1.24 0.00	33.03 1.24 0.00	35.24 1.36 0.00	38.90 1.57 0.00	45.01 1.81 0.00	49.74 1.91 0.00	45.28 1.70 0.00	39.39 1.41 0.00	37.11 1.12 0.00	33.65 0.92 0.00
INDIAN POINT_GT_3 24019	33.03 1.18 0.00	31.85 1.20 0.00	30.49 1.12 0.00	29.37 1.13 0.00	29.31 1.18 0.00	31.17 1.26 0.00	34.32 1.29 0.00	37.49 1.61 0.00	39.48 1.48 0.00	36.73 1.41 0.00	35.97 1.25 0.00	34.49 1.26 0.00	32.15 1.21 0.00	31.94 1.14 0.00	32.32 1.24 0.00	33.03 1.24 0.00	35.24 1.36 0.00	38.90 1.57 0.00	45.01 1.81 0.00	49.74 1.91 0.00	45.28 1.70 0.00	39.39 1.41 0.00	37.11 1.12 0.00	33.65 0.92 0.00
INDIAN POINT___2 23530	32.87 1.02 0.00	31.72 1.07 0.00	30.37 1.00 0.00	29.25 1.02 0.00	29.22 1.10 0.00	31.05 1.14 0.00	34.15 1.12 0.00	37.35 1.47 0.00	39.33 1.33 0.00	36.59 1.27 0.00	35.83 1.11 0.00	34.36 1.13 0.00	32.02 1.08 0.00	31.82 1.01 0.00	32.19 1.12 0.00	32.90 1.11 0.00	35.07 1.19 0.00	38.71 1.38 0.00	44.75 1.55 0.00	49.54 1.72 0.00	45.11 1.52 0.00	39.24 1.25 0.00	36.97 0.97 0.00	33.56 0.82 0.00
INDIAN POINT___3 23531	33.07 1.21 0.00	31.88 1.23 0.00	30.52 1.15 0.00	29.42 1.19 0.00	29.34 1.21 0.00	31.20 1.29 0.00	34.35 1.32 0.00	37.56 1.69 0.00	39.52 1.52 0.00	36.81 1.48 0.00	36.00 1.28 0.00	34.56 1.33 0.00	32.21 1.27 0.00	32.00 1.20 0.00	32.35 1.27 0.00	33.06 1.27 0.00	35.27 1.39 0.00	38.94 1.61 0.00	45.05 1.86 0.00	49.83 2.01 0.00	45.37 1.79 0.00	39.43 1.44 0.00	37.15 1.15 0.00	33.72 0.98 0.00
INGHAM_C_115KV_TB7 356103	31.15 -0.70 0.00	29.98 -0.67 0.00	28.81 -0.56 0.00	27.81 -0.42 0.00	27.76 -0.37 0.00	29.58 -0.33 0.00	32.67 -0.36 0.00	35.48 -0.39 0.00	37.47 -0.53 0.00	34.83 -0.49 0.00	34.27 -0.45 0.00	32.76 -0.47 0.00	30.54 -0.40 0.00	30.40 -0.40 0.00	30.67 -0.40 0.00	31.41 -0.38 0.00	33.44 -0.44 0.00	36.92 -0.41 0.00	42.81 -0.39 0.00	47.49 -0.33 0.00	43.32 -0.26 0.00	37.79 -0.19 0.00	35.81 -0.18 0.00	32.48 -0.26 0.00
IP CORINTH___1 23988	33.51 1.66 0.00	32.31 1.66 0.00	30.96 1.59 0.00	29.76 1.52 0.00	29.70 1.58 0.00	31.67 1.76 0.00	34.88 1.85 0.00	37.96 2.08 0.00	40.13 2.13 0.00	37.33 2.01 0.00	36.73 2.01 0.00	35.09 1.86 0.00	32.46 1.52 0.00	32.28 1.48 0.00	32.57 1.49 0.00	33.31 1.53 0.00	35.58 1.69 0.00	39.20 1.87 0.00	45.61 2.42 0.00	50.45 2.63 0.00	45.89 2.31 0.00	40.00 2.01 0.00	37.90 1.91 0.00	34.37 1.64 0.00

IP___TICONDEROGA 23804	34.12 2.26 0.00	32.95 2.30 0.00	31.54 2.17 0.00	30.30 2.06 0.00	30.26 2.14 0.00	32.33 2.42 0.00	35.57 2.54 0.00	38.71 2.83 0.00	40.89 2.89 0.00	38.01 2.68 0.00	37.39 2.67 0.00	35.62 2.39 0.00	32.86 1.92 0.00	32.65 1.85 0.00	32.97 1.90 0.00	33.79 2.00 0.00	36.15 2.27 0.00	39.94 2.61 0.00	46.69 3.50 0.00	51.70 3.87 0.00	46.98 3.40 0.00	40.99 3.00 0.00	38.77 2.77 0.00	35.06 2.32 0.00
ISLIP_RES_REC 323679	33.64 1.78 0.00	32.40 1.75 0.00	31.07 1.70 0.00	29.93 1.69 0.00	29.90 1.77 0.00	31.97 2.06 0.00	35.28 2.25 0.00	46.42 3.12 -7.42	40.77 2.77 0.00	37.41 2.08 0.00	36.49 1.77 0.00	34.82 1.59 0.00	32.36 1.42 0.00	32.16 1.35 0.00	32.72 1.65 0.00	33.28 1.49 0.00	35.44 1.56 0.00	39.87 2.54 0.00	45.66 2.46 0.00	50.98 3.16 0.00	46.41 2.83 0.00	40.80 2.81 0.00	37.97 1.98 0.00	34.67 1.93 0.00
JAMAICA__27_KV_LOAD 355505	33.54 1.69 0.00	32.37 1.72 0.00	30.96 1.59 0.00	29.85 1.61 0.00	29.76 1.63 0.00	31.70 1.79 0.00	34.88 1.85 0.00	38.24 2.37 0.00	40.35 2.36 0.00	37.62 2.30 0.00	36.77 2.05 0.00	35.29 2.06 0.00	32.92 1.98 0.00	32.71 1.91 0.00	33.13 2.05 0.00	33.85 2.07 0.00	36.12 2.24 0.00	39.94 2.61 0.00	46.13 2.94 0.00	50.93 3.11 0.00	46.50 2.92 0.00	40.26 2.28 0.00	37.83 1.84 0.00	34.24 1.51 0.00
JANIS___SOLAR 323808	32.72 0.86 0.00	31.32 0.67 0.00	29.96 0.59 0.00	28.80 0.56 0.00	28.63 0.51 0.00	30.57 0.66 0.00	33.89 0.86 0.00	36.73 0.86 0.00	38.95 0.95 0.00	35.92 0.60 0.00	35.31 0.59 0.00	33.56 0.33 0.00	31.13 0.19 0.00	30.99 0.19 0.00	31.26 0.19 0.00	32.20 0.41 0.00	34.49 0.61 0.00	38.41 1.08 0.00	44.88 1.68 0.00	49.83 2.01 0.00	45.50 1.92 0.00	39.73 1.75 0.00	37.61 1.62 0.00	33.98 1.24 0.00
JARVIS____ 23743	31.95 0.10 0.00	30.74 0.09 0.00	29.49 0.12 0.00	28.38 0.14 0.00	28.27 0.14 0.00	30.09 0.18 0.00	33.20 0.17 0.00	36.06 0.18 0.00	38.15 0.15 0.00	35.46 0.14 0.00	34.86 0.14 0.00	33.36 0.13 0.00	31.06 0.12 0.00	30.90 0.09 0.00	31.17 0.09 0.00	31.92 0.13 0.00	34.02 0.14 0.00	37.48 0.15 0.00	43.37 0.17 0.00	48.02 0.19 0.00	43.76 0.18 0.00	38.14 0.15 0.00	36.14 0.14 0.00	32.84 0.10 0.00
JENNISON___1 23625	32.65 0.80 0.00	31.33 0.67 0.00	29.93 0.56 0.00	28.80 0.56 0.00	28.66 0.53 0.00	30.57 0.66 0.00	33.89 0.86 0.00	36.81 0.93 0.00	39.06 1.06 0.00	36.13 0.81 0.00	35.59 0.87 0.00	33.89 0.66 0.00	31.44 0.50 0.00	31.26 0.46 0.00	31.54 0.47 0.00	32.46 0.67 0.00	34.70 0.81 0.00	38.60 1.27 0.00	44.88 1.68 0.00	49.88 2.06 0.00	45.50 1.92 0.00	39.77 1.79 0.00	37.69 1.69 0.00	34.05 1.31 0.00
JENNISON___2 23626	32.65 0.80 0.00	31.33 0.67 0.00	29.93 0.56 0.00	28.80 0.56 0.00	28.66 0.53 0.00	30.57 0.66 0.00	33.89 0.86 0.00	36.81 0.93 0.00	39.06 1.06 0.00	36.13 0.81 0.00	35.59 0.87 0.00	33.89 0.66 0.00	31.44 0.50 0.00	31.26 0.46 0.00	31.54 0.47 0.00	32.46 0.67 0.00	34.70 0.81 0.00	38.60 1.27 0.00	44.88 1.68 0.00	49.88 2.06 0.00	45.50 1.92 0.00	39.77 1.79 0.00	37.69 1.69 0.00	34.05 1.31 0.00
JERICHO_RISE_WT_PWR 323719	32.30 0.45 0.00	31.05 0.40 0.00	29.58 0.21 0.00	28.18 -0.06 0.00	27.90 -0.23 0.00	29.40 -0.51 0.00	32.50 -0.53 0.00	35.41 -0.47 0.00	37.73 -0.26 0.00	35.11 -0.21 0.00	34.62 -0.10 0.00	33.23 0.00 0.00	31.00 0.06 0.00	30.99 0.19 0.00	31.32 0.25 0.00	32.07 0.29 0.00	34.22 0.34 0.00	37.78 0.45 0.00	43.67 0.48 0.00	48.40 0.58 0.00	44.02 0.44 0.00	38.29 0.30 0.00	36.21 0.22 0.00	32.87 0.13 0.00
KATONAH__115KV_46KV_TB4 355592	33.29 1.43 0.00	32.12 1.47 0.00	30.75 1.38 0.00	29.62 1.38 0.00	29.53 1.41 0.00	31.44 1.53 0.00	34.58 1.55 0.00	37.85 1.97 0.00	39.82 1.82 0.00	37.05 1.73 0.00	36.28 1.56 0.00	34.79 1.56 0.00	32.43 1.49 0.00	32.19 1.39 0.00	32.60 1.52 0.00	33.31 1.53 0.00	35.54 1.66 0.00	39.20 1.87 0.00	45.40 2.20 0.00	50.22 2.39 0.00	45.72 2.14 0.00	39.73 1.75 0.00	37.47 1.48 0.00	33.95 1.21 0.00
KCE_NY_1 323755	33.32 1.47 0.00	32.12 1.47 0.00	30.78 1.41 0.00	29.62 1.38 0.00	29.56 1.43 0.00	31.49 1.58 0.00	34.75 1.72 0.00	37.70 1.83 0.00	39.78 1.79 0.00	37.02 1.70 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.30 1.36 0.00	32.13 1.32 0.00	32.44 1.37 0.00	33.19 1.40 0.00	35.44 1.56 0.00	39.01 1.68 0.00	45.31 2.12 0.00	50.12 2.30 0.00	45.63 2.05 0.00	39.77 1.79 0.00	37.65 1.66 0.00	34.18 1.44 0.00
KCE_NY_6_ESR 323823	29.43 -2.42 0.00	27.86 -2.79 0.00	26.61 -2.76 0.00	25.58 -2.66 0.00	25.31 -2.81 0.00	27.13 -2.78 0.00	30.42 -2.61 0.00	32.65 -3.23 0.00	35.19 -2.81 0.00	32.60 -2.72 0.00	32.39 -2.33 0.00	30.73 -2.49 0.00	28.46 -2.48 0.00	28.46 -2.34 0.00	28.50 -2.58 0.00	29.44 -2.35 0.00	31.58 -2.31 0.00	34.87 -2.46 0.00	41.08 -2.12 0.00	45.58 -2.25 0.00	41.79 -1.79 0.00	36.46 -1.52 0.00	35.20 -0.79 0.00	32.02 -0.72 0.00
KEDC_PORT_JEFF_GT2 24210	33.54 1.69 0.00	32.30 1.65 0.00	30.99 1.61 0.00	29.85 1.61 0.00	29.81 1.69 0.00	31.88 1.97 0.00	35.18 2.15 0.00	46.27 2.98 -7.42	40.66 2.66 0.00	37.33 2.01 0.00	36.42 1.70 0.00	34.79 1.56 0.00	32.33 1.39 0.00	32.10 1.29 0.00	32.66 1.58 0.00	33.25 1.46 0.00	35.37 1.49 0.00	39.76 2.43 0.00	45.53 2.33 0.00	50.79 2.97 0.00	46.28 2.70 0.00	40.68 2.70 0.00	37.86 1.87 0.00	34.57 1.83 0.00
KEDC_PORT_JEFF_GT3 24211	33.54 1.69 0.00	32.30 1.65 0.00	30.99 1.61 0.00	29.85 1.61 0.00	29.81 1.69 0.00	31.88 1.97 0.00	35.18 2.15 0.00	46.27 2.98 -7.42	40.66 2.66 0.00	37.33 2.01 0.00	36.42 1.70 0.00	34.79 1.56 0.00	32.33 1.39 0.00	32.10 1.29 0.00	32.66 1.58 0.00	33.25 1.46 0.00	35.37 1.49 0.00	39.76 2.43 0.00	45.53 2.33 0.00	50.79 2.97 0.00	46.28 2.70 0.00	40.68 2.70 0.00	37.86 1.87 0.00	34.57 1.83 0.00
KEDC_GLWD_GT4 24219	33.61 1.75 0.00	32.37 1.72 0.00	30.99 1.61 0.00	29.85 1.61 0.00	29.81 1.69 0.00	31.77 1.86 0.00	34.95 1.92 0.00	45.95 2.65 -7.42	40.43 2.43 0.00	37.41 2.08 0.00	36.56 1.84 0.00	34.99 1.76 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.85 1.77 0.00	33.47 1.68 0.00	35.68 1.79 0.00	39.72 2.39 0.00	45.74 2.55 0.00	50.79 2.97 0.00	46.28 2.70 0.00	40.42 2.43 0.00	37.90 1.91 0.00	34.37 1.64 0.00
KEDC_GLWD_GT5 24220	33.61 1.75 0.00	32.37 1.72 0.00	30.99 1.61 0.00	29.85 1.61 0.00	29.81 1.69 0.00	31.77 1.86 0.00	34.95 1.92 0.00	45.95 2.65 -7.42	40.43 2.43 0.00	37.41 2.08 0.00	36.56 1.84 0.00	34.99 1.76 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.85 1.77 0.00	33.47 1.68 0.00	35.68 1.79 0.00	39.72 2.39 0.00	45.74 2.55 0.00	50.79 2.97 0.00	46.28 2.70 0.00	40.42 2.43 0.00	37.90 1.91 0.00	34.37 1.64 0.00

KENSICO____ 23655	33.26 1.40 0.00	32.03 1.38 0.00	30.69 1.32 0.00	29.57 1.33 0.00	29.48 1.35 0.00	31.38 1.47 0.00	34.52 1.49 0.00	37.78 1.90 0.00	39.75 1.75 0.00	37.02 1.70 0.00	36.21 1.49 0.00	34.75 1.53 0.00	32.39 1.45 0.00	32.19 1.39 0.00	32.57 1.49 0.00	33.25 1.46 0.00	35.47 1.59 0.00	39.20 1.87 0.00	45.36 2.16 0.00	50.12 2.30 0.00	45.63 2.05 0.00	39.69 1.71 0.00	37.36 1.37 0.00	33.88 1.15 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.16 1.31 0.00	31.94 1.29 0.00	30.55 1.17 0.00	29.42 1.19 0.00	29.34 1.21 0.00	31.26 1.35 0.00	34.42 1.39 0.00	37.49 1.61 0.00	39.56 1.56 0.00	36.70 1.38 0.00	35.90 1.18 0.00	34.39 1.16 0.00	32.02 1.08 0.00	31.82 1.02 0.00	32.20 1.12 0.00	32.96 1.18 0.00	35.14 1.25 0.00	38.94 1.61 0.00	45.23 2.03 0.00	50.02 2.20 0.00	45.54 1.96 0.00	39.62 1.63 0.00	37.33 1.33 0.00	33.92 1.18 0.00
KIAC_JFK_GT1 23816	33.38 1.53 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.71 1.47 0.00	29.62 1.49 0.00	31.56 1.65 0.00	34.72 1.68 0.00	38.06 2.19 0.00	40.13 2.13 0.00	37.44 2.12 0.00	36.59 1.87 0.00	35.12 1.89 0.00	32.77 1.83 0.00	32.56 1.76 0.00	32.97 1.90 0.00	33.70 1.91 0.00	35.95 2.07 0.00	39.72 2.39 0.00	45.74 2.55 0.00	50.45 2.63 0.00	46.20 2.61 0.00	40.04 2.05 0.00	37.65 1.66 0.00	34.05 1.31 0.00
KIAC_JFK_GT2 23817	33.38 1.53 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.71 1.47 0.00	29.62 1.49 0.00	31.56 1.65 0.00	34.72 1.68 0.00	38.06 2.19 0.00	40.13 2.13 0.00	37.44 2.12 0.00	36.59 1.87 0.00	35.12 1.89 0.00	32.77 1.83 0.00	32.56 1.76 0.00	32.97 1.90 0.00	33.70 1.91 0.00	35.95 2.07 0.00	39.72 2.39 0.00	45.74 2.55 0.00	50.45 2.63 0.00	46.20 2.61 0.00	40.04 2.05 0.00	37.65 1.66 0.00	34.05 1.31 0.00
KIAC_JFK____ 323774	33.35 1.50 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.71 1.47 0.00	29.67 1.55 0.00	31.55 1.64 0.00	34.68 1.65 0.00	38.06 2.19 0.00	40.12 2.13 0.00	37.44 2.12 0.00	36.59 1.87 0.00	35.12 1.89 0.00	32.77 1.83 0.00	32.53 1.72 0.00	32.94 1.86 0.00	33.63 1.84 0.00	35.91 2.03 0.00	39.72 2.39 0.00	45.61 2.42 0.00	50.45 2.63 0.00	46.06 2.48 0.00	40.03 2.05 0.00	37.61 1.62 0.00	34.05 1.31 0.00
KINTIGH____ 23543	29.34 -2.52 0.00	27.92 -2.73 0.00	26.64 -2.73 0.00	25.64 -2.60 0.00	25.57 -2.56 0.00	27.16 -2.75 0.00	30.42 -2.61 0.00	32.72 -3.16 0.00	35.19 -2.81 0.00	32.60 -2.72 0.00	32.32 -2.40 0.00	30.70 -2.53 0.00	28.46 -2.48 0.00	28.46 -2.34 0.00	28.50 -2.58 0.00	29.34 -2.45 0.00	31.41 -2.47 0.00	34.61 -2.73 0.00	40.35 -2.85 0.00	44.91 -2.92 0.00	41.14 -2.44 0.00	35.86 -2.13 0.00	34.55 -1.44 0.00	31.43 -1.31 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.97 1.11 0.00	31.72 1.07 0.00	30.19 0.82 0.00	28.72 0.48 0.00	28.44 0.31 0.00	29.85 -0.06 0.00	33.10 0.07 0.00	36.02 0.14 0.00	38.42 0.42 0.00	35.71 0.39 0.00	35.17 0.45 0.00	33.69 0.47 0.00	31.40 0.46 0.00	31.42 0.62 0.00	31.76 0.68 0.00	32.52 0.73 0.00	34.73 0.85 0.00	38.41 1.08 0.00	44.49 1.30 0.00	49.35 1.53 0.00	44.89 1.31 0.00	39.01 1.03 0.00	36.89 0.90 0.00	33.46 0.72 0.00
LACHUTE____HYDRO 323717	34.12 2.26 0.00	32.95 2.30 0.00	31.54 2.17 0.00	30.30 2.06 0.00	30.26 2.14 0.00	32.33 2.42 0.00	35.71 2.67 0.00	38.71 2.83 0.00	40.88 2.89 0.00	38.00 2.68 0.00	37.39 2.67 0.00	35.62 2.39 0.00	32.86 1.92 0.00	32.65 1.85 0.00	32.97 1.90 0.00	33.79 2.00 0.00	36.15 2.27 0.00	39.94 2.61 0.00	46.65 3.46 0.00	51.70 3.87 0.00	46.98 3.40 0.00	40.98 3.00 0.00	38.77 2.77 0.00	35.06 2.32 0.00
LAWRNCV_115KV_TB1 80681	31.70 -0.16 0.00	30.59 -0.06 0.00	29.25 -0.12 0.00	27.96 -0.28 0.00	27.70 -0.42 0.00	29.40 -0.51 0.00	32.54 -0.50 0.00	35.34 -0.54 0.00	37.62 -0.38 0.00	34.90 -0.42 0.00	34.30 -0.42 0.00	32.79 -0.43 0.00	30.54 -0.40 0.00	30.49 -0.31 0.00	30.77 -0.31 0.00	31.53 -0.25 0.00	33.61 -0.27 0.00	37.18 -0.15 0.00	42.98 -0.22 0.00	47.63 -0.19 0.00	43.36 -0.22 0.00	37.79 -0.19 0.00	35.81 -0.18 0.00	32.51 -0.23 0.00
LEDERLE____ 23769	33.13 1.27 0.00	31.91 1.26 0.00	30.55 1.17 0.00	29.42 1.19 0.00	29.36 1.24 0.00	31.29 1.38 0.00	34.45 1.42 0.00	37.63 1.76 0.00	39.67 1.67 0.00	36.91 1.59 0.00	36.14 1.42 0.00	34.66 1.43 0.00	32.27 1.33 0.00	32.07 1.26 0.00	32.44 1.37 0.00	33.15 1.37 0.00	35.27 1.39 0.00	38.97 1.64 0.00	45.10 1.90 0.00	49.88 2.06 0.00	45.41 1.83 0.00	39.50 1.52 0.00	37.22 1.22 0.00	33.75 1.01 0.00
LIGHTHSE_115KV_TB6 355974	31.31 -0.54 0.00	30.10 -0.55 0.00	28.84 -0.53 0.00	27.73 -0.51 0.00	27.59 -0.53 0.00	29.40 -0.51 0.00	32.54 -0.50 0.00	35.27 -0.61 0.00	37.39 -0.61 0.00	34.65 -0.67 0.00	34.06 -0.66 0.00	32.50 -0.73 0.00	30.23 -0.71 0.00	30.09 -0.71 0.00	30.30 -0.78 0.00	31.09 -0.70 0.00	33.20 -0.68 0.00	36.70 -0.63 0.00	42.63 -0.56 0.00	47.30 -0.53 0.00	43.10 -0.48 0.00	37.60 -0.38 0.00	35.60 -0.40 0.00	32.28 -0.46 0.00
LINDEN COGEN____ 23786	33.16 1.31 0.00	32.00 1.35 0.00	30.66 1.29 0.00	29.54 1.30 0.00	29.50 1.38 0.00	31.32 1.41 0.00	34.45 1.42 0.00	37.70 1.83 0.00	39.71 1.71 0.00	37.05 1.73 0.00	36.21 1.49 0.00	34.72 1.50 0.00	32.39 1.45 0.00	32.19 1.39 0.00	32.60 1.52 0.00	33.28 1.49 0.00	35.47 1.59 0.00	39.20 1.87 0.00	45.23 2.03 0.00	50.07 2.25 0.00	45.54 1.96 0.00	39.58 1.60 0.00	37.25 1.26 0.00	33.78 1.05 0.00
LINDHRST_69_KV_BK1 356055	33.77 1.91 0.00	32.46 1.81 0.00	31.16 1.79 0.00	29.99 1.75 0.00	29.87 1.74 0.00	31.97 2.06 0.00	35.24 2.21 0.00	46.23 2.94 -7.41	40.66 2.66 0.00	37.48 2.15 0.00	36.63 1.91 0.00	35.02 1.79 0.00	32.58 1.64 0.00	32.34 1.54 0.00	32.88 1.80 0.00	33.50 1.72 0.00	35.81 1.93 0.00	39.91 2.58 0.00	46.00 2.81 0.00	51.08 3.25 0.00	46.46 2.88 0.00	40.72 2.73 0.00	38.05 2.05 0.00	34.60 1.87 0.00
LIPA_MISC_IPP 23656	33.35 1.50 0.00	32.15 1.50 0.00	30.93 1.56 0.00	29.76 1.52 0.00	29.62 1.49 0.00	31.85 1.94 0.00	35.21 2.18 0.00	46.19 2.91 -7.41	40.51 2.51 0.00	37.12 1.80 0.00	36.18 1.46 0.00	34.49 1.26 0.00	32.05 1.11 0.00	31.82 1.02 0.00	32.38 1.31 0.00	32.96 1.18 0.00	35.20 1.32 0.00	39.46 2.13 0.00	45.31 2.12 0.00	50.50 2.68 0.00	45.94 2.35 0.00	40.42 2.43 0.00	37.58 1.58 0.00	34.37 1.64 0.00
LISF____SOLAR 323691	33.35 1.50 0.00	32.18 1.53 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.80 1.89 0.00	35.15 2.12 0.00	46.27 2.98 -7.42	40.54 2.55 0.00	37.12 1.80 0.00	36.21 1.49 0.00	34.49 1.26 0.00	32.05 1.11 0.00	31.85 1.05 0.00	32.38 1.31 0.00	32.96 1.18 0.00	35.07 1.19 0.00	39.46 2.13 0.00	45.09 1.90 0.00	50.50 2.68 0.00	46.02 2.44 0.00	40.49 2.51 0.00	37.61 1.62 0.00	34.44 1.70 0.00

LITTLE FALLS___HYD 24013	31.15 -0.70 0.00	29.98 -0.67 0.00	28.81 -0.56 0.00	27.81 -0.42 0.00	27.76 -0.37 0.00	29.58 -0.33 0.00	32.67 -0.36 0.00	35.48 -0.39 0.00	37.47 -0.53 0.00	34.83 -0.49 0.00	34.27 -0.45 0.00	32.76 -0.47 0.00	30.54 -0.40 0.00	30.40 -0.40 0.00	30.67 -0.40 0.00	31.41 -0.38 0.00	33.44 -0.44 0.00	36.92 -0.41 0.00	42.81 -0.39 0.00	47.49 -0.33 0.00	43.32 -0.26 0.00	37.79 -0.19 0.00	35.81 -0.18 0.00	32.48 -0.26 0.00
LITTLRIV_115KV_TB1 356100	32.05 0.19 0.00	30.93 0.28 0.00	29.58 0.21 0.00	28.27 0.03 0.00	28.01 -0.11 0.00	29.73 -0.18 0.00	32.93 -0.10 0.00	35.73 -0.14 0.00	37.96 -0.04 0.00	35.14 -0.18 0.00	34.51 -0.21 0.00	33.03 -0.20 0.00	30.75 -0.19 0.00	30.68 -0.12 0.00	30.98 -0.09 0.00	31.79 0.00 0.00	33.88 0.00 0.00	37.55 0.22 0.00	43.50 0.30 0.00	48.21 0.38 0.00	43.89 0.31 0.00	38.25 0.27 0.00	36.25 0.25 0.00	32.87 0.13 0.00
LI_NEWBRDGE___DRP 323616	33.38 1.53 0.00	32.12 1.47 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.56 1.43 0.00	31.58 1.67 0.00	34.78 1.75 0.00	45.73 2.44 -7.41	40.13 2.13 0.00	37.12 1.80 0.00	36.28 1.56 0.00	34.75 1.53 0.00	32.33 1.39 0.00	32.13 1.32 0.00	32.60 1.52 0.00	33.22 1.43 0.00	35.51 1.63 0.00	39.42 2.09 0.00	45.49 2.29 0.00	50.36 2.53 0.00	45.85 2.27 0.00	40.11 2.13 0.00	37.58 1.58 0.00	34.11 1.37 0.00
LOCKPORT_115KV_TB60_63_64 80432	28.86 -2.99 0.00	27.40 -3.25 0.00	26.14 -3.23 0.00	25.13 -3.11 0.00	25.09 -3.04 0.00	26.65 -3.26 0.00	29.93 -3.10 0.00	32.14 -3.73 0.00	34.62 -3.38 0.00	32.04 -3.28 0.00	31.84 -2.88 0.00	30.17 -3.06 0.00	27.94 -3.00 0.00	27.97 -2.83 0.00	27.94 -3.14 0.00	28.83 -2.96 0.00	30.93 -2.95 0.00	34.16 -3.17 0.00	39.91 -3.28 0.00	44.52 -3.30 0.00	40.84 -2.75 0.00	35.63 -2.36 0.00	34.48 -1.51 0.00	31.36 -1.37 0.00
LOCKPORT___CC1 323769	28.99 -2.87 0.00	27.40 -3.25 0.00	26.20 -3.17 0.00	25.19 -3.05 0.00	24.92 -3.21 0.00	26.71 -3.20 0.00	29.93 -3.11 0.00	32.04 -3.84 0.00	34.58 -3.42 0.00	32.00 -3.32 0.00	31.80 -2.92 0.00	30.17 -3.06 0.00	27.97 -2.97 0.00	27.97 -2.83 0.00	27.97 -3.11 0.00	28.90 -2.89 0.00	30.97 -2.91 0.00	34.16 -3.17 0.00	40.22 -2.98 0.00	44.62 -3.20 0.00	40.92 -2.66 0.00	35.67 -2.32 0.00	34.48 -1.51 0.00	31.36 -1.37 0.00
LOCKPORT___CC2 323770	28.99 -2.87 0.00	27.40 -3.25 0.00	26.20 -3.17 0.00	25.19 -3.05 0.00	24.92 -3.21 0.00	26.71 -3.20 0.00	29.93 -3.11 0.00	32.04 -3.84 0.00	34.58 -3.42 0.00	32.00 -3.32 0.00	31.80 -2.92 0.00	30.17 -3.06 0.00	27.97 -2.97 0.00	27.97 -2.83 0.00	27.97 -3.11 0.00	28.90 -2.89 0.00	30.97 -2.91 0.00	34.16 -3.17 0.00	40.22 -2.98 0.00	44.62 -3.20 0.00	40.92 -2.66 0.00	35.67 -2.32 0.00	34.48 -1.51 0.00	31.36 -1.37 0.00
LOCKPORT___CC3 323771	28.99 -2.87 0.00	27.40 -3.25 0.00	26.20 -3.17 0.00	25.19 -3.05 0.00	24.92 -3.21 0.00	26.71 -3.20 0.00	29.93 -3.11 0.00	32.04 -3.84 0.00	34.58 -3.42 0.00	32.00 -3.32 0.00	31.80 -2.92 0.00	30.17 -3.06 0.00	27.97 -2.97 0.00	27.97 -2.83 0.00	27.97 -3.11 0.00	28.90 -2.89 0.00	30.97 -2.91 0.00	34.16 -3.17 0.00	40.22 -2.98 0.00	44.62 -3.20 0.00	40.92 -2.66 0.00	35.67 -2.32 0.00	34.48 -1.51 0.00	31.36 -1.37 0.00
LONG_LAKE_PHOENIX 24014	31.22 -0.64 0.00	29.98 -0.67 0.00	28.75 -0.62 0.00	27.62 -0.62 0.00	27.54 -0.59 0.00	29.31 -0.60 0.00	32.40 -0.63 0.00	35.16 -0.72 0.00	37.31 -0.68 0.00	34.65 -0.67 0.00	34.09 -0.62 0.00	32.56 -0.66 0.00	30.29 -0.65 0.00	30.16 -0.65 0.00	30.39 -0.68 0.00	31.09 -0.70 0.00	33.14 -0.75 0.00	36.51 -0.82 0.00	42.29 -0.91 0.00	46.87 -0.96 0.00	42.71 -0.87 0.00	37.26 -0.72 0.00	35.31 -0.68 0.00	32.12 -0.62 0.00
LOVETT___3 23632	33.00 1.15 0.00	31.82 1.16 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.28 1.15 0.00	31.14 1.23 0.00	34.29 1.26 0.00	37.45 1.58 0.00	39.44 1.44 0.00	36.70 1.38 0.00	35.93 1.22 0.00	34.49 1.26 0.00	32.12 1.18 0.00	31.91 1.11 0.00	32.29 1.21 0.00	33.00 1.21 0.00	35.20 1.32 0.00	38.86 1.53 0.00	44.97 1.77 0.00	49.69 1.87 0.00	45.24 1.66 0.00	39.35 1.37 0.00	37.07 1.08 0.00	33.62 0.88 0.00
LOVETT___4 23642	33.00 1.15 0.00	31.82 1.16 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.28 1.15 0.00	31.14 1.23 0.00	34.29 1.26 0.00	37.45 1.58 0.00	39.44 1.44 0.00	36.70 1.38 0.00	35.93 1.22 0.00	34.49 1.26 0.00	32.12 1.18 0.00	31.91 1.11 0.00	32.29 1.21 0.00	33.00 1.21 0.00	35.20 1.32 0.00	38.86 1.53 0.00	44.97 1.77 0.00	49.69 1.87 0.00	45.24 1.66 0.00	39.35 1.37 0.00	37.07 1.08 0.00	33.62 0.88 0.00
LOVETT___5 23593	33.00 1.15 0.00	31.82 1.16 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.28 1.15 0.00	31.14 1.23 0.00	34.29 1.26 0.00	37.45 1.58 0.00	39.44 1.44 0.00	36.70 1.38 0.00	35.93 1.22 0.00	34.49 1.26 0.00	32.12 1.18 0.00	31.91 1.11 0.00	32.29 1.21 0.00	33.00 1.21 0.00	35.20 1.32 0.00	38.86 1.53 0.00	44.97 1.77 0.00	49.69 1.87 0.00	45.24 1.66 0.00	39.35 1.37 0.00	37.07 1.08 0.00	33.62 0.88 0.00
LOWER RAQUET___HYD 24057	31.54 -0.32 0.00	30.44 -0.21 0.00	29.11 -0.26 0.00	27.82 -0.42 0.00	27.56 -0.56 0.00	29.25 -0.66 0.00	32.37 -0.66 0.00	35.19 -0.68 0.00	37.43 -0.57 0.00	34.69 -0.63 0.00	34.09 -0.62 0.00	32.59 -0.63 0.00	30.35 -0.59 0.00	30.28 -0.52 0.00	30.58 -0.50 0.00	31.34 -0.45 0.00	33.44 -0.44 0.00	36.99 -0.34 0.00	42.81 -0.39 0.00	47.39 -0.43 0.00	43.19 -0.39 0.00	37.60 -0.38 0.00	35.63 -0.36 0.00	32.35 -0.39 0.00
LOWER___HUDSON 24059	32.97 1.11 0.00	31.75 1.10 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.28 1.15 0.00	31.17 1.26 0.00	34.39 1.35 0.00	37.27 1.40 0.00	39.18 1.18 0.00	36.49 1.16 0.00	35.86 1.14 0.00	34.39 1.16 0.00	31.99 1.05 0.00	31.82 1.01 0.00	32.10 1.02 0.00	32.80 1.02 0.00	35.00 1.12 0.00	38.49 1.16 0.00	44.62 1.42 0.00	49.35 1.53 0.00	44.98 1.39 0.00	39.16 1.18 0.00	37.07 1.08 0.00	33.72 0.98 0.00
LOWVILLE_115KV_TB2 356335	31.82 -0.03 0.00	30.62 -0.03 0.00	29.58 0.21 0.00	28.44 0.20 0.00	27.96 -0.17 0.00	29.85 -0.06 0.00	33.03 0.00 0.00	35.80 -0.07 0.00	38.00 0.00 0.00	35.11 -0.21 0.00	34.44 -0.28 0.00	32.83 -0.40 0.00	30.57 -0.37 0.00	30.40 -0.40 0.00	30.67 -0.40 0.00	31.76 -0.03 0.00	33.88 0.00 0.00	37.67 0.34 0.00	43.76 0.56 0.00	48.54 0.72 0.00	44.24 0.65 0.00	38.63 0.65 0.00	36.53 0.54 0.00	33.00 0.26 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.32 1.47 0.00	32.12 1.47 0.00	30.78 1.41 0.00	29.62 1.38 0.00	29.53 1.41 0.00	31.47 1.56 0.00	34.68 1.65 0.00	37.70 1.83 0.00	39.75 1.75 0.00	36.98 1.66 0.00	36.39 1.67 0.00	34.79 1.56 0.00	32.30 1.36 0.00	32.13 1.32 0.00	32.44 1.37 0.00	33.19 1.40 0.00	35.41 1.52 0.00	38.97 1.64 0.00	45.31 2.12 0.00	50.07 2.25 0.00	45.59 2.00 0.00	39.77 1.79 0.00	37.65 1.66 0.00	34.18 1.44 0.00

LUTHERNY_35_KV_BK2 355980	33.32 1.47 0.00	32.12 1.47 0.00	30.81 1.44 0.00	29.62 1.38 0.00	29.56 1.43 0.00	31.50 1.59 0.00	34.72 1.68 0.00	37.70 1.83 0.00	39.78 1.79 0.00	37.02 1.70 0.00	36.39 1.67 0.00	34.82 1.59 0.00	32.33 1.39 0.00	32.16 1.36 0.00	32.44 1.37 0.00	33.19 1.40 0.00	35.44 1.56 0.00	39.01 1.68 0.00	45.31 2.12 0.00	50.12 2.30 0.00	45.63 2.05 0.00	39.77 1.79 0.00	37.65 1.66 0.00	34.21 1.47 0.00
LWR___OSWEGATCHIE_HYD 23850	31.35 -0.51 0.00	30.22 -0.43 0.00	29.02 -0.35 0.00	27.81 -0.42 0.00	27.45 -0.68 0.00	29.25 -0.66 0.00	32.37 -0.66 0.00	35.12 -0.75 0.00	37.31 -0.68 0.00	34.51 -0.81 0.00	33.89 -0.83 0.00	32.36 -0.86 0.00	30.14 -0.80 0.00	30.00 -0.80 0.00	30.30 -0.78 0.00	31.18 -0.60 0.00	33.27 -0.61 0.00	36.88 -0.45 0.00	42.81 -0.39 0.00	47.44 -0.38 0.00	43.23 -0.35 0.00	37.72 -0.27 0.00	35.71 -0.29 0.00	32.28 -0.46 0.00
LYONS_FALL_HYD 23570	32.01 0.16 0.00	30.80 0.15 0.00	29.66 0.29 0.00	28.55 0.31 0.00	28.18 0.06 0.00	30.09 0.18 0.00	33.26 0.23 0.00	36.09 0.22 0.00	38.27 0.27 0.00	35.43 0.11 0.00	34.79 0.07 0.00	33.19 -0.03 0.00	30.91 -0.03 0.00	30.71 -0.09 0.00	30.98 -0.09 0.00	31.95 0.16 0.00	34.09 0.20 0.00	37.81 0.48 0.00	43.88 0.69 0.00	48.64 0.81 0.00	44.32 0.74 0.00	38.67 0.68 0.00	36.60 0.61 0.00	33.10 0.36 0.00
MADISON___COUNTY_LFGE 323628	32.43 0.57 0.00	31.17 0.52 0.00	29.87 0.50 0.00	28.75 0.51 0.00	28.60 0.48 0.00	30.48 0.57 0.00	33.69 0.66 0.00	36.59 0.72 0.00	38.76 0.76 0.00	35.92 0.60 0.00	35.34 0.62 0.00	33.72 0.50 0.00	31.37 0.43 0.00	31.17 0.37 0.00	31.45 0.37 0.00	32.26 0.48 0.00	34.42 0.54 0.00	38.08 0.75 0.00	44.15 0.95 0.00	48.92 1.10 0.00	44.63 1.05 0.00	38.93 0.95 0.00	36.86 0.86 0.00	33.39 0.65 0.00
MALONE___115KV_TB1 356076	32.52 0.67 0.00	31.33 0.67 0.00	29.87 0.50 0.00	28.41 0.17 0.00	28.13 0.00 0.00	29.70 -0.21 0.00	32.93 -0.10 0.00	35.84 -0.04 0.00	38.23 0.23 0.00	35.53 0.21 0.00	34.96 0.24 0.00	33.49 0.27 0.00	31.22 0.28 0.00	31.23 0.43 0.00	31.54 0.47 0.00	32.33 0.54 0.00	34.49 0.61 0.00	38.15 0.82 0.00	44.19 0.99 0.00	48.97 1.15 0.00	44.58 1.00 0.00	38.74 0.76 0.00	36.64 0.65 0.00	33.20 0.46 0.00
MAPLEWOD_115KV_TB3 80458	32.75 0.89 0.00	31.60 0.95 0.00	30.34 0.97 0.00	29.20 0.96 0.00	29.14 1.01 0.00	30.99 1.08 0.00	34.12 1.09 0.00	36.92 1.04 0.00	38.80 0.80 0.00	36.13 0.81 0.00	35.48 0.76 0.00	34.06 0.83 0.00	31.74 0.80 0.00	31.57 0.77 0.00	31.89 0.81 0.00	32.58 0.79 0.00	34.73 0.85 0.00	38.11 0.78 0.00	44.23 1.04 0.00	48.88 1.05 0.00	44.50 0.92 0.00	38.78 0.80 0.00	36.75 0.76 0.00	33.43 0.69 0.00
MAPLE_RIDGE_WT_1 323574	31.51 -0.35 0.00	30.34 -0.31 0.00	29.11 -0.26 0.00	28.01 -0.23 0.00	27.90 -0.23 0.00	29.64 -0.27 0.00	32.73 -0.30 0.00	35.59 -0.29 0.00	37.73 -0.26 0.00	35.11 -0.21 0.00	34.51 -0.21 0.00	33.06 -0.17 0.00	30.82 -0.12 0.00	30.68 -0.12 0.00	30.98 -0.09 0.00	31.72 -0.06 0.00	33.81 -0.07 0.00	37.29 -0.04 0.00	43.15 -0.04 0.00	47.78 -0.05 0.00	43.54 -0.04 0.00	37.95 -0.04 0.00	35.96 -0.04 0.00	32.70 -0.03 0.00
MAPLE_RIDGE_WT_2 323611	31.51 -0.35 0.00	30.34 -0.31 0.00	29.11 -0.26 0.00	28.01 -0.23 0.00	27.90 -0.23 0.00	29.64 -0.27 0.00	32.73 -0.30 0.00	35.59 -0.29 0.00	37.73 -0.26 0.00	35.11 -0.21 0.00	34.51 -0.21 0.00	33.06 -0.17 0.00	30.82 -0.12 0.00	30.68 -0.12 0.00	30.98 -0.09 0.00	31.72 -0.06 0.00	33.81 -0.07 0.00	37.29 -0.04 0.00	43.15 -0.04 0.00	47.78 -0.05 0.00	43.54 -0.04 0.00	37.95 -0.04 0.00	35.96 -0.04 0.00	32.70 -0.03 0.00
MARBLE_RIVER_WT_PWR 323696	32.30 0.45 0.00	31.05 0.40 0.00	29.58 0.21 0.00	28.18 -0.06 0.00	27.93 -0.20 0.00	29.43 -0.48 0.00	32.54 -0.49 0.00	35.45 -0.43 0.00	37.77 -0.23 0.00	35.15 -0.18 0.00	34.62 -0.10 0.00	33.23 0.00 0.00	31.00 0.06 0.00	30.99 0.19 0.00	31.32 0.25 0.00	32.07 0.29 0.00	34.22 0.34 0.00	37.78 0.45 0.00	43.67 0.48 0.00	48.40 0.58 0.00	44.06 0.48 0.00	38.29 0.30 0.00	36.25 0.25 0.00	32.90 0.16 0.00
MARSHVLE_115KV_TB1 80742	33.96 2.10 0.00	32.67 2.02 0.00	31.28 1.91 0.00	30.07 1.84 0.00	29.98 1.86 0.00	32.03 2.12 0.00	35.24 2.21 0.00	38.24 2.37 0.00	40.43 2.43 0.00	37.33 2.01 0.00	36.70 1.98 0.00	34.95 1.73 0.00	32.49 1.55 0.00	32.31 1.51 0.00	32.60 1.52 0.00	33.50 1.72 0.00	35.88 2.00 0.00	39.83 2.50 0.00	46.52 3.33 0.00	51.55 3.73 0.00	46.94 3.36 0.00	41.02 3.04 0.00	38.77 2.77 0.00	35.06 2.32 0.00
MARSH_HILL_WT_PWR 323713	29.15 -2.71 0.00	27.65 -3.00 0.00	26.46 -2.91 0.00	25.39 -2.85 0.00	25.20 -2.93 0.00	26.92 -2.99 0.00	29.99 -3.04 0.00	32.47 -3.41 0.00	34.62 -3.38 0.00	32.14 -3.18 0.00	31.73 -2.99 0.00	30.07 -3.16 0.00	27.91 -3.03 0.00	27.72 -3.08 0.00	27.78 -3.29 0.00	28.74 -3.05 0.00	30.87 -3.02 0.00	34.94 -2.39 0.00	41.55 -1.64 0.00	46.96 -0.86 0.00	43.23 -0.35 0.00	37.76 -0.23 0.00	35.96 -0.04 0.00	32.61 -0.13 0.00
MCINTYRE_115KV_TB2 80467	32.46 0.61 0.00	31.29 0.64 0.00	29.93 0.56 0.00	28.61 0.37 0.00	28.35 0.23 0.00	30.12 0.21 0.00	33.33 0.30 0.00	36.16 0.29 0.00	38.38 0.38 0.00	35.50 0.18 0.00	34.82 0.10 0.00	33.33 0.10 0.00	31.03 0.09 0.00	30.99 0.18 0.00	31.29 0.22 0.00	32.07 0.29 0.00	34.25 0.37 0.00	37.96 0.63 0.00	44.02 0.82 0.00	48.78 0.96 0.00	44.41 0.83 0.00	38.71 0.72 0.00	36.71 0.72 0.00	33.26 0.52 0.00
MECO_____69_KV_BK1 80468	34.24 2.39 0.00	32.95 2.30 0.00	31.54 2.17 0.00	30.33 2.09 0.00	30.26 2.14 0.00	32.33 2.42 0.00	35.57 2.54 0.00	38.64 2.76 0.00	40.85 2.85 0.00	37.79 2.47 0.00	37.15 2.43 0.00	35.35 2.13 0.00	32.77 1.83 0.00	32.59 1.79 0.00	32.91 1.83 0.00	33.82 2.03 0.00	36.22 2.34 0.00	40.13 2.80 0.00	46.87 3.67 0.00	51.98 4.16 0.00	47.29 3.70 0.00	41.33 3.34 0.00	39.02 3.02 0.00	35.32 2.59 0.00
MENANDS___115KV_TB5 355628	32.65 0.80 0.00	31.48 0.83 0.00	30.25 0.88 0.00	29.14 0.90 0.00	29.05 0.93 0.00	30.90 0.99 0.00	34.02 0.99 0.00	36.74 0.86 0.00	38.57 0.57 0.00	35.96 0.64 0.00	35.31 0.59 0.00	33.92 0.70 0.00	31.62 0.68 0.00	31.48 0.68 0.00	31.76 0.68 0.00	32.46 0.67 0.00	34.59 0.71 0.00	37.93 0.60 0.00	43.97 0.78 0.00	48.59 0.77 0.00	44.28 0.70 0.00	38.55 0.57 0.00	36.57 0.58 0.00	33.26 0.52 0.00
MG INDUSTRY___DRP 24185	32.65 0.80 0.00	31.48 0.83 0.00	30.25 0.88 0.00	29.11 0.88 0.00	29.03 0.90 0.00	30.87 0.96 0.00	33.99 0.96 0.00	36.74 0.86 0.00	38.64 0.65 0.00	35.96 0.64 0.00	35.27 0.56 0.00	33.82 0.60 0.00	31.53 0.59 0.00	31.39 0.59 0.00	31.67 0.59 0.00	32.39 0.60 0.00	34.56 0.68 0.00	37.96 0.63 0.00	44.06 0.86 0.00	48.73 0.91 0.00	44.37 0.78 0.00	38.71 0.72 0.00	36.68 0.68 0.00	33.36 0.62 0.00

MID___OSWEGATCHIE_HYD 23849	31.35 -0.51 0.00	30.22 -0.43 0.00	29.02 -0.35 0.00	27.81 -0.42 0.00	27.45 -0.68 0.00	29.25 -0.66 0.00	32.37 -0.66 0.00	35.12 -0.75 0.00	37.31 -0.68 0.00	34.51 -0.81 0.00	33.89 -0.83 0.00	32.36 -0.86 0.00	30.14 -0.80 0.00	30.00 -0.80 0.00	30.30 -0.78 0.00	31.18 -0.60 0.00	33.27 -0.61 0.00	36.88 -0.45 0.00	42.81 -0.39 0.00	47.44 -0.38 0.00	43.23 -0.35 0.00	37.72 -0.27 0.00	35.71 -0.29 0.00	32.28 -0.46 0.00
MID___RAQUETTE_HYD 23851	31.54 -0.32 0.00	30.44 -0.21 0.00	29.11 -0.26 0.00	27.81 -0.42 0.00	27.54 -0.59 0.00	29.25 -0.66 0.00	32.37 -0.66 0.00	35.16 -0.72 0.00	37.43 -0.57 0.00	34.69 -0.64 0.00	34.09 -0.62 0.00	32.60 -0.63 0.00	30.35 -0.59 0.00	30.31 -0.49 0.00	30.58 -0.50 0.00	31.34 -0.45 0.00	33.44 -0.44 0.00	36.99 -0.34 0.00	42.81 -0.39 0.00	47.44 -0.38 0.00	43.19 -0.39 0.00	37.60 -0.38 0.00	35.63 -0.36 0.00	32.34 -0.39 0.00
MILLIKEN___1 23584	32.08 0.22 0.00	30.77 0.12 0.00	29.46 0.09 0.00	28.32 0.08 0.00	28.18 0.06 0.00	30.03 0.12 0.00	33.26 0.23 0.00	36.09 0.22 0.00	38.34 0.34 0.00	35.53 0.21 0.00	34.96 0.24 0.00	33.29 0.07 0.00	30.94 0.00 0.00	30.83 0.03 0.00	31.05 -0.03 0.00	31.88 0.10 0.00	34.05 0.17 0.00	37.67 0.34 0.00	43.76 0.56 0.00	48.59 0.77 0.00	44.32 0.74 0.00	38.67 0.68 0.00	36.61 0.61 0.00	33.20 0.46 0.00
MILLIKEN___2 23585	32.08 0.22 0.00	30.77 0.12 0.00	29.46 0.09 0.00	28.32 0.08 0.00	28.18 0.06 0.00	30.03 0.12 0.00	33.26 0.23 0.00	36.09 0.22 0.00	38.34 0.34 0.00	35.53 0.21 0.00	34.96 0.24 0.00	33.29 0.07 0.00	30.94 0.00 0.00	30.83 0.03 0.00	31.05 -0.03 0.00	31.88 0.10 0.00	34.05 0.17 0.00	37.67 0.34 0.00	43.76 0.56 0.00	48.59 0.77 0.00	44.32 0.74 0.00	38.67 0.68 0.00	36.61 0.61 0.00	33.20 0.46 0.00
MILLIKEN___DIESEL 23629	32.08 0.22 0.00	30.77 0.12 0.00	29.46 0.09 0.00	28.32 0.08 0.00	28.18 0.06 0.00	30.03 0.12 0.00	33.26 0.23 0.00	36.09 0.22 0.00	38.34 0.34 0.00	35.53 0.21 0.00	34.96 0.24 0.00	33.29 0.07 0.00	30.94 0.00 0.00	30.83 0.03 0.00	31.05 -0.03 0.00	31.88 0.10 0.00	34.05 0.17 0.00	37.67 0.34 0.00	43.76 0.56 0.00	48.59 0.77 0.00	44.32 0.74 0.00	38.67 0.68 0.00	36.61 0.61 0.00	33.20 0.46 0.00
MILLSEAT___LFGE 323607	29.88 -1.98 0.00	28.23 -2.42 0.00	27.02 -2.35 0.00	25.98 -2.26 0.00	25.74 -2.39 0.00	27.55 -2.36 0.00	30.85 -2.18 0.00	33.15 -2.73 0.00	35.72 -2.28 0.00	32.99 -2.33 0.00	32.81 -1.91 0.00	31.07 -2.16 0.00	28.77 -2.17 0.00	28.77 -2.03 0.00	28.78 -2.30 0.00	29.72 -2.07 0.00	31.85 -2.03 0.00	35.20 -2.13 0.00	41.47 -1.73 0.00	45.96 -1.87 0.00	42.14 -1.44 0.00	36.81 -1.18 0.00	35.45 -0.54 0.00	32.08 -0.65 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.13 1.27 0.00	31.94 1.29 0.00	30.58 1.20 0.00	29.48 1.24 0.00	29.39 1.27 0.00	31.26 1.35 0.00	34.42 1.39 0.00	37.63 1.76 0.00	39.59 1.60 0.00	36.84 1.52 0.00	36.07 1.35 0.00	34.62 1.40 0.00	32.27 1.33 0.00	32.03 1.23 0.00	32.41 1.34 0.00	33.12 1.34 0.00	35.34 1.46 0.00	39.01 1.68 0.00	45.14 1.94 0.00	49.93 2.10 0.00	45.46 1.87 0.00	39.50 1.52 0.00	37.22 1.22 0.00	33.79 1.05 0.00
MILLWOOD_13_KV_LOAD 356217	33.19 1.34 0.00	32.00 1.35 0.00	30.63 1.26 0.00	29.51 1.27 0.00	29.45 1.32 0.00	31.32 1.41 0.00	34.45 1.42 0.00	37.70 1.83 0.00	39.67 1.67 0.00	36.91 1.59 0.00	36.14 1.42 0.00	34.66 1.43 0.00	32.30 1.36 0.00	32.10 1.29 0.00	32.48 1.40 0.00	33.19 1.40 0.00	35.41 1.52 0.00	39.08 1.75 0.00	45.23 2.03 0.00	50.02 2.20 0.00	45.54 1.96 0.00	39.58 1.60 0.00	37.29 1.30 0.00	33.82 1.08 0.00
MODEL_CITY_ENERGY 24167	28.77 -3.09 0.00	27.16 -3.49 0.00	25.99 -3.38 0.00	24.99 -3.25 0.00	24.69 -3.43 0.00	26.47 -3.44 0.00	29.66 -3.37 0.00	31.78 -4.09 0.00	34.31 -3.69 0.00	31.76 -3.57 0.00	31.56 -3.16 0.00	29.97 -3.25 0.00	27.75 -3.19 0.00	27.75 -3.05 0.00	27.75 -3.32 0.00	28.67 -3.11 0.00	30.73 -3.15 0.00	33.86 -3.47 0.00	39.83 -3.37 0.00	44.14 -3.68 0.00	40.49 -3.09 0.00	35.29 -2.70 0.00	34.12 -1.87 0.00	31.07 -1.67 0.00
MODERN_LFGE___ 323580	28.77 -3.09 0.00	27.16 -3.49 0.00	25.99 -3.38 0.00	24.99 -3.25 0.00	24.69 -3.43 0.00	26.47 -3.44 0.00	29.66 -3.37 0.00	31.78 -4.09 0.00	34.31 -3.69 0.00	31.76 -3.57 0.00	31.56 -3.16 0.00	29.97 -3.25 0.00	27.75 -3.19 0.00	27.75 -3.05 0.00	27.75 -3.32 0.00	28.67 -3.11 0.00	30.73 -3.15 0.00	33.86 -3.47 0.00	39.83 -3.37 0.00	44.14 -3.68 0.00	40.49 -3.09 0.00	35.29 -2.70 0.00	34.12 -1.87 0.00	31.07 -1.67 0.00
MOHAWK_PAPER___DRP 24187	32.75 0.89 0.00	31.60 0.95 0.00	30.34 0.97 0.00	29.20 0.96 0.00	29.14 1.01 0.00	30.99 1.08 0.00	34.12 1.09 0.00	36.92 1.04 0.00	38.80 0.80 0.00	36.13 0.81 0.00	35.48 0.76 0.00	34.06 0.83 0.00	31.74 0.80 0.00	31.57 0.77 0.00	31.89 0.81 0.00	32.58 0.79 0.00	34.73 0.85 0.00	38.11 0.78 0.00	44.23 1.04 0.00	48.88 1.05 0.00	44.50 0.92 0.00	38.78 0.80 0.00	36.75 0.76 0.00	33.43 0.69 0.00
MOHICAN___35_KV_115KV_LD 80490	33.58 1.72 0.00	32.37 1.72 0.00	31.02 1.64 0.00	29.82 1.58 0.00	29.76 1.63 0.00	31.73 1.82 0.00	34.98 1.95 0.00	38.03 2.15 0.00	40.16 2.17 0.00	37.37 2.05 0.00	36.77 2.05 0.00	35.12 1.89 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.63 1.55 0.00	33.38 1.59 0.00	35.64 1.76 0.00	39.27 1.94 0.00	45.74 2.55 0.00	50.55 2.73 0.00	46.02 2.44 0.00	40.11 2.13 0.00	37.97 1.98 0.00	34.44 1.70 0.00
MONGAUP___HYD 23641	33.03 1.18 0.00	31.82 1.16 0.00	30.46 1.09 0.00	29.31 1.07 0.00	29.28 1.15 0.00	31.14 1.23 0.00	34.29 1.25 0.00	37.27 1.40 0.00	39.29 1.29 0.00	36.45 1.13 0.00	35.66 0.94 0.00	34.16 0.93 0.00	31.81 0.87 0.00	31.60 0.80 0.00	31.98 0.90 0.00	32.71 0.92 0.00	34.90 1.02 0.00	38.71 1.38 0.00	44.93 1.73 0.00	49.74 1.91 0.00	45.28 1.70 0.00	39.43 1.44 0.00	37.18 1.19 0.00	33.78 1.05 0.00
MONTAUK___DIESEL 23721	33.45 1.59 0.00	32.28 1.62 0.00	31.02 1.64 0.00	29.74 1.50 0.00	29.56 1.43 0.00	31.82 1.91 0.00	35.28 2.25 0.00	46.48 3.19 -7.41	40.92 2.93 0.00	37.33 2.01 0.00	36.18 1.46 0.00	34.46 1.23 0.00	31.96 1.02 0.00	31.70 0.89 0.00	32.26 1.18 0.00	32.74 0.95 0.00	34.86 0.98 0.00	39.31 1.98 0.00	44.88 1.68 0.00	49.98 2.15 0.00	45.33 1.74 0.00	40.07 2.09 0.00	37.47 1.48 0.00	34.54 1.80 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.57 -3.28 0.00	27.22 -3.43 0.00	25.88 -3.50 0.00	24.93 -3.30 0.00	24.75 -3.38 0.00	26.32 -3.59 0.00	29.60 -3.44 0.00	31.86 -4.02 0.00	34.24 -3.76 0.00	31.75 -3.57 0.00	31.56 -3.16 0.00	29.90 -3.32 0.00	27.72 -3.22 0.00	27.66 -3.14 0.00	27.63 -3.45 0.00	28.64 -3.15 0.00	30.90 -2.98 0.00	34.34 -2.99 0.00	40.78 -2.42 0.00	45.96 -1.87 0.00	42.45 -1.13 0.00	37.00 -0.99 0.00	35.71 -0.29 0.00	32.61 -0.13 0.00

MORRIS_RIDGE___SOLAR 323848	29.15 -2.71 0.00	27.68 -2.97 0.00	26.49 -2.88 0.00	25.44 -2.80 0.00	25.23 -2.90 0.00	26.98 -2.93 0.00	30.06 -2.97 0.00	32.40 -3.48 0.00	34.58 -3.42 0.00	32.00 -3.32 0.00	31.66 -3.06 0.00	30.04 -3.19 0.00	27.88 -3.06 0.00	27.79 -3.02 0.00	27.91 -3.17 0.00	28.83 -2.96 0.00	30.90 -2.98 0.00	34.61 -2.72 0.00	40.95 -2.25 0.00	45.96 -1.87 0.00	42.23 -1.35 0.00	36.88 -1.10 0.00	35.27 -0.72 0.00	32.05 -0.69 0.00
MORTIMER_115KV_TB3 55949	30.39 -1.47 0.00	29.00 -1.66 0.00	27.73 -1.64 0.00	26.66 -1.58 0.00	26.61 -1.52 0.00	28.26 -1.65 0.00	31.51 -1.52 0.00	34.05 -1.83 0.00	36.48 -1.52 0.00	33.77 -1.55 0.00	33.47 -1.25 0.00	31.80 -1.43 0.00	29.52 -1.42 0.00	29.48 -1.32 0.00	29.59 -1.49 0.00	30.39 -1.40 0.00	32.49 -1.39 0.00	35.84 -1.49 0.00	41.73 -1.47 0.00	46.34 -1.48 0.00	42.36 -1.22 0.00	37.00 -0.99 0.00	35.42 -0.58 0.00	32.12 -0.62 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.42 1.56 0.00	32.18 1.53 0.00	30.81 1.44 0.00	29.71 1.47 0.00	29.62 1.49 0.00	31.53 1.62 0.00	34.68 1.65 0.00	37.92 2.04 0.00	39.94 1.94 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.92 1.69 0.00	32.55 1.61 0.00	32.34 1.54 0.00	32.72 1.65 0.00	33.44 1.65 0.00	35.68 1.80 0.00	39.38 2.05 0.00	45.57 2.38 0.00	50.36 2.53 0.00	45.85 2.27 0.00	39.85 1.86 0.00	37.51 1.51 0.00	34.01 1.28 0.00
MUNSVILLE_WIND_PWR 323609	33.45 1.59 0.00	32.03 1.38 0.00	30.55 1.18 0.00	29.40 1.16 0.00	29.22 1.10 0.00	31.26 1.35 0.00	34.62 1.59 0.00	37.60 1.72 0.00	39.86 1.86 0.00	36.77 1.45 0.00	36.28 1.56 0.00	34.46 1.23 0.00	31.90 0.96 0.00	31.76 0.96 0.00	32.01 0.93 0.00	33.03 1.24 0.00	35.30 1.42 0.00	39.49 2.16 0.00	46.13 2.94 0.00	51.22 3.40 0.00	46.81 3.22 0.00	40.98 3.00 0.00	38.84 2.84 0.00	34.93 2.19 0.00
N SALMON___HYD 24042	32.52 0.67 0.00	31.32 0.67 0.00	29.87 0.50 0.00	28.41 0.17 0.00	28.13 0.00 0.00	29.70 -0.21 0.00	32.93 -0.10 0.00	35.88 0.00 0.00	38.23 0.23 0.00	35.53 0.21 0.00	34.96 0.24 0.00	33.49 0.26 0.00	31.22 0.28 0.00	31.23 0.43 0.00	31.54 0.47 0.00	32.33 0.54 0.00	34.49 0.61 0.00	38.15 0.82 0.00	44.19 0.99 0.00	48.97 1.15 0.00	44.58 1.00 0.00	38.74 0.76 0.00	36.64 0.65 0.00	33.20 0.46 0.00
N.AKRON__115KV_KNAPP 355671	29.59 -2.26 0.00	28.11 -2.54 0.00	26.82 -2.56 0.00	25.81 -2.43 0.00	25.76 -2.36 0.00	27.37 -2.54 0.00	30.72 -2.31 0.00	33.04 -2.83 0.00	35.57 -2.43 0.00	32.88 -2.44 0.00	32.67 -2.05 0.00	30.90 -2.33 0.00	28.65 -2.29 0.00	28.62 -2.19 0.00	28.65 -2.42 0.00	29.53 -2.26 0.00	31.68 -2.20 0.00	35.02 -2.31 0.00	40.99 -2.20 0.00	45.72 -2.10 0.00	41.93 -1.66 0.00	36.58 -1.41 0.00	35.27 -0.72 0.00	31.98 -0.75 0.00
N.BELMOR_69_KV_BK1 55787	33.64 1.78 0.00	32.34 1.69 0.00	31.02 1.64 0.00	29.88 1.64 0.00	29.76 1.63 0.00	31.79 1.88 0.00	35.01 1.98 0.00	45.98 2.69 -7.41	40.43 2.43 0.00	37.37 2.05 0.00	36.52 1.81 0.00	34.95 1.73 0.00	32.55 1.61 0.00	32.31 1.51 0.00	32.82 1.74 0.00	33.44 1.65 0.00	35.75 1.86 0.00	39.72 2.39 0.00	45.83 2.63 0.00	50.79 2.97 0.00	46.24 2.66 0.00	40.45 2.47 0.00	37.87 1.87 0.00	34.37 1.64 0.00
N.E_GEN_SANDY PD 24062	33.00 1.15 0.00	31.84 1.19 0.00	30.55 1.18 0.00	29.45 1.21 0.00	29.39 1.27 0.00	31.25 1.35 0.00	35.38 1.42 -0.93	38.80 1.58 -1.35	39.29 1.29 0.00	36.59 1.27 0.00	35.90 1.18 0.00	34.46 1.23 0.00	32.12 1.18 0.00	31.91 1.11 0.00	32.26 1.18 0.00	32.90 1.11 0.00	35.10 1.22 0.00	38.60 1.27 0.00	44.71 1.51 0.00	49.40 1.58 0.00	45.02 1.44 0.00	39.20 1.22 0.00	37.00 1.01 0.00	33.69 0.95 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.03 1.18 0.00	31.82 1.16 0.00	30.49 1.12 0.00	29.37 1.13 0.00	29.28 1.15 0.00	31.17 1.26 0.00	34.32 1.29 0.00	37.49 1.61 0.00	39.48 1.48 0.00	36.73 1.41 0.00	35.97 1.25 0.00	34.49 1.26 0.00	32.15 1.21 0.00	31.94 1.14 0.00	32.32 1.24 0.00	33.03 1.24 0.00	35.20 1.32 0.00	38.86 1.53 0.00	44.97 1.77 0.00	49.74 1.91 0.00	45.28 1.70 0.00	39.39 1.41 0.00	37.11 1.12 0.00	33.65 0.92 0.00
N.QUEENS_27_KV_LOAD 356247	33.39 1.53 -0.01	32.25 1.59 -0.01	30.85 1.47 -0.01	29.74 1.50 -0.01	29.65 1.52 -0.01	31.56 1.65 -0.01	34.72 1.68 0.00	37.98 2.12 0.01	40.08 2.09 0.01	37.33 2.01 0.01	36.55 1.84 0.01	35.05 1.83 0.01	32.70 1.76 0.01	32.52 1.72 0.01	32.90 1.83 0.01	33.59 1.81 0.01	35.81 1.93 0.01	39.56 2.24 0.01	45.78 2.59 0.01	50.59 2.77 0.01	46.01 2.44 0.01	39.91 1.94 0.01	37.57 1.58 0.01	34.02 1.28 -0.01
N.TROY___115KV_TB1 355778	32.97 1.11 0.00	31.75 1.10 0.00	30.49 1.12 0.00	29.37 1.13 0.00	29.28 1.15 0.00	31.17 1.26 0.00	34.35 1.32 0.00	37.31 1.44 0.00	39.18 1.18 0.00	36.49 1.17 0.00	35.86 1.15 0.00	34.39 1.16 0.00	31.99 1.05 0.00	31.82 1.02 0.00	32.13 1.06 0.00	32.84 1.05 0.00	35.00 1.12 0.00	38.49 1.16 0.00	44.66 1.47 0.00	49.35 1.53 0.00	44.98 1.39 0.00	39.16 1.18 0.00	37.07 1.08 0.00	33.72 0.98 0.00
NARROWS_GT1_1 24228	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT1_2 24229	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT1_3 24230	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT1_4 24231	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23

NARROWS_GT1_5 24232	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT1_6 24233	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT1_7 24234	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT1_8 24235	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT2_1 24236	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT2_2 24237	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT2_3 24238	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT2_4 24239	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT2_5 24240	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT2_6 24241	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT2_7 24242	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NARROWS_GT2_8 24243	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.22 1.37 0.00	32.03 1.38 0.00	30.75 1.38 0.00	29.59 1.36 0.00	29.53 1.41 0.00	31.44 1.53 0.00	34.55 1.52 0.00	37.17 1.29 0.00	39.06 1.06 0.00	36.20 0.88 0.00	35.48 0.76 0.00	34.02 0.80 0.00	31.65 0.71 0.00	31.51 0.71 0.00	31.82 0.75 0.00	32.58 0.79 0.00	34.76 0.88 0.00	38.38 1.05 0.00	44.75 1.56 0.00	49.50 1.67 0.00	45.06 1.48 0.00	39.31 1.33 0.00	37.22 1.22 0.00	33.92 1.18 0.00
NCHELSEA_115KV_TR2 355582	33.26 1.40 0.00	32.06 1.41 0.00	30.69 1.32 0.00	29.57 1.33 0.00	29.48 1.35 0.00	31.38 1.47 0.00	34.55 1.52 0.00	37.63 1.76 0.00	39.67 1.67 0.00	36.88 1.55 0.00	36.11 1.39 0.00	34.59 1.36 0.00	32.24 1.30 0.00	32.00 1.20 0.00	32.38 1.31 0.00	33.12 1.34 0.00	35.31 1.42 0.00	39.05 1.72 0.00	45.31 2.12 0.00	50.07 2.25 0.00	45.59 2.00 0.00	39.66 1.67 0.00	37.40 1.40 0.00	33.95 1.21 0.00
NEG CAPITAL___MECHNVIL 23645	33.35 1.50 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.65 1.41 0.00	29.59 1.46 0.00	31.52 1.61 0.00	34.78 1.75 0.00	37.74 1.86 0.00	39.78 1.79 0.00	37.05 1.73 0.00	36.45 1.74 0.00	34.85 1.63 0.00	32.36 1.42 0.00	32.19 1.39 0.00	32.51 1.43 0.00	33.25 1.46 0.00	35.47 1.59 0.00	39.05 1.72 0.00	45.35 2.16 0.00	50.17 2.34 0.00	45.67 2.09 0.00	39.81 1.82 0.00	37.69 1.69 0.00	34.21 1.47 0.00

NEG CENTRAL_HIGH_ACRES 23767	30.26 -1.59 0.00	28.84 -1.81 0.00	27.64 -1.73 0.00	26.57 -1.67 0.00	26.38 -1.74 0.00	28.17 -1.74 0.00	31.31 -1.72 0.00	33.83 -2.04 0.00	36.25 -1.75 0.00	33.59 -1.73 0.00	33.23 -1.49 0.00	31.60 -1.63 0.00	29.36 -1.58 0.00	29.29 -1.51 0.00	29.40 -1.68 0.00	30.23 -1.56 0.00	32.26 -1.63 0.00	35.61 -1.72 0.00	41.55 -1.64 0.00	45.96 -1.87 0.00	41.97 -1.61 0.00	36.65 -1.33 0.00	34.95 -1.04 0.00	31.69 -1.05 0.00
NEG CENTRAL___DRP 24199	31.28 -0.57 0.00	29.98 -0.67 0.00	28.67 -0.70 0.00	27.56 -0.68 0.00	27.48 -0.65 0.00	29.25 -0.66 0.00	32.47 -0.56 0.00	35.19 -0.68 0.00	37.43 -0.57 0.00	34.72 -0.60 0.00	34.20 -0.52 0.00	32.56 -0.66 0.00	30.26 -0.68 0.00	30.16 -0.65 0.00	30.33 -0.75 0.00	31.15 -0.64 0.00	33.27 -0.61 0.00	36.81 -0.52 0.00	42.85 -0.35 0.00	47.63 -0.19 0.00	43.49 -0.09 0.00	37.95 -0.04 0.00	35.96 -0.04 0.00	32.64 -0.10 0.00
NEG CENTRAL___INDECK 23768	30.83 -1.02 0.00	29.27 -1.38 0.00	28.02 -1.35 0.00	26.91 -1.33 0.00	26.72 -1.41 0.00	28.59 -1.32 0.00	31.87 -1.16 0.00	34.37 -1.51 0.00	36.67 -1.33 0.00	33.80 -1.52 0.00	33.33 -1.39 0.00	31.57 -1.66 0.00	29.27 -1.67 0.00	29.20 -1.60 0.00	29.31 -1.77 0.00	30.23 -1.56 0.00	32.39 -1.49 0.00	36.25 -1.08 0.00	42.90 -0.30 0.00	47.97 0.14 0.00	44.02 0.44 0.00	38.48 0.49 0.00	36.68 0.68 0.00	33.13 0.39 0.00
NEG CENTRAL___SENECA 23627	31.12 -0.73 0.00	29.76 -0.89 0.00	28.46 -0.91 0.00	27.36 -0.88 0.00	27.25 -0.87 0.00	29.04 -0.87 0.00	32.27 -0.76 0.00	34.98 -0.90 0.00	37.24 -0.76 0.00	34.51 -0.81 0.00	34.02 -0.69 0.00	32.33 -0.90 0.00	30.04 -0.90 0.00	29.94 -0.86 0.00	30.08 -0.99 0.00	30.96 -0.83 0.00	33.10 -0.78 0.00	36.73 -0.60 0.00	42.81 -0.39 0.00	47.73 -0.10 0.00	43.58 0.00 0.00	38.02 0.04 0.00	36.10 0.11 0.00	32.74 0.00 0.00
NEG CENTRAL___STATE_STREET 24147	31.60 -0.25 0.00	30.31 -0.34 0.00	29.02 -0.35 0.00	27.90 -0.34 0.00	27.79 -0.34 0.00	29.61 -0.30 0.00	32.80 -0.23 0.00	35.62 -0.25 0.00	37.88 -0.11 0.00	35.14 -0.18 0.00	34.58 -0.14 0.00	32.96 -0.27 0.00	30.63 -0.31 0.00	30.56 -0.25 0.00	30.77 -0.31 0.00	31.53 -0.25 0.00	33.68 -0.20 0.00	37.18 -0.15 0.00	43.15 -0.04 0.00	47.87 0.05 0.00	43.67 0.09 0.00	38.10 0.11 0.00	36.03 0.04 0.00	32.70 -0.03 0.00
NEG MILLWOOD___DRP 24198	33.38 1.53 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.68 1.44 0.00	29.62 1.49 0.00	31.50 1.59 0.00	34.65 1.62 0.00	37.88 2.01 0.00	39.94 1.94 0.00	37.09 1.77 0.00	36.32 1.60 0.00	34.82 1.59 0.00	32.46 1.52 0.00	32.19 1.39 0.00	32.60 1.52 0.00	33.35 1.56 0.00	35.58 1.69 0.00	39.27 1.94 0.00	45.53 2.33 0.00	50.36 2.53 0.00	45.85 2.27 0.00	39.85 1.86 0.00	37.58 1.58 0.00	34.08 1.34 0.00
NEG NORTH_FLCN_SEA 23793	32.68 0.83 0.00	31.45 0.80 0.00	29.96 0.59 0.00	28.52 0.28 0.00	28.24 0.11 0.00	29.58 -0.33 0.00	32.77 -0.26 0.00	35.62 -0.25 0.00	38.00 0.00 0.00	35.36 0.04 0.00	34.82 0.10 0.00	33.43 0.20 0.00	31.16 0.22 0.00	31.14 0.34 0.00	31.48 0.40 0.00	32.23 0.45 0.00	34.39 0.51 0.00	38.00 0.67 0.00	43.97 0.78 0.00	48.73 0.91 0.00	44.37 0.78 0.00	38.59 0.61 0.00	36.50 0.50 0.00	33.10 0.36 0.00
NEG NORTH_KES_CHATEGAY 23792	32.30 0.45 0.00	31.05 0.40 0.00	29.58 0.21 0.00	28.18 -0.06 0.00	27.90 -0.23 0.00	29.40 -0.51 0.00	32.50 -0.53 0.00	35.37 -0.50 0.00	37.73 -0.27 0.00	35.11 -0.21 0.00	34.61 -0.10 0.00	33.23 0.00 0.00	31.00 0.06 0.00	30.99 0.18 0.00	31.33 0.25 0.00	32.07 0.29 0.00	34.22 0.34 0.00	37.78 0.45 0.00	43.67 0.48 0.00	48.40 0.57 0.00	44.06 0.48 0.00	38.29 0.30 0.00	36.21 0.22 0.00	32.87 0.13 0.00
NEG NORTH___ALICE_FALLS 23915	32.97 1.11 0.00	31.72 1.07 0.00	30.19 0.82 0.00	28.72 0.48 0.00	28.44 0.31 0.00	29.85 -0.06 0.00	33.10 0.07 0.00	36.02 0.14 0.00	38.42 0.42 0.00	35.71 0.39 0.00	35.17 0.45 0.00	33.69 0.47 0.00	31.40 0.46 0.00	31.42 0.62 0.00	31.76 0.68 0.00	32.52 0.73 0.00	34.73 0.85 0.00	38.41 1.08 0.00	44.49 1.30 0.00	49.35 1.53 0.00	44.89 1.31 0.00	39.01 1.03 0.00	36.89 0.90 0.00	33.46 0.72 0.00
NEG NORTH___LWR_SARANAC 23913	32.97 1.11 0.00	31.72 1.07 0.00	30.19 0.82 0.00	28.72 0.48 0.00	28.44 0.31 0.00	29.85 -0.06 0.00	33.10 0.07 0.00	36.02 0.14 0.00	38.42 0.42 0.00	35.71 0.39 0.00	35.17 0.45 0.00	33.69 0.47 0.00	31.40 0.46 0.00	31.42 0.62 0.00	31.76 0.68 0.00	32.52 0.73 0.00	34.73 0.85 0.00	38.41 1.08 0.00	44.49 1.30 0.00	49.35 1.53 0.00	44.89 1.31 0.00	39.01 1.03 0.00	36.89 0.90 0.00	33.46 0.72 0.00
NEG NORTH___PLATTSBURG 23628	32.97 1.11 0.00	31.72 1.07 0.00	30.19 0.82 0.00	28.72 0.48 0.00	28.44 0.31 0.00	29.85 -0.06 0.00	33.10 0.07 0.00	36.06 0.18 0.00	38.42 0.42 0.00	35.71 0.39 0.00	35.17 0.45 0.00	33.69 0.46 0.00	31.40 0.46 0.00	31.42 0.62 0.00	31.76 0.68 0.00	32.52 0.73 0.00	34.73 0.85 0.00	38.41 1.08 0.00	44.49 1.29 0.00	49.35 1.53 0.00	44.89 1.31 0.00	39.01 1.03 0.00	36.89 0.90 0.00	33.46 0.72 0.00
NEG WEST_LEA_LOCKPORT 23791	28.83 -3.03 0.00	27.40 -3.25 0.00	26.11 -3.26 0.00	25.13 -3.11 0.00	25.06 -3.07 0.00	26.62 -3.29 0.00	29.93 -3.10 0.00	32.11 -3.77 0.00	34.58 -3.42 0.00	32.00 -3.32 0.00	31.80 -2.92 0.00	30.14 -3.09 0.00	27.91 -3.03 0.00	27.94 -2.86 0.00	27.91 -3.17 0.00	28.80 -2.99 0.00	30.90 -2.98 0.00	34.12 -3.21 0.00	39.87 -3.33 0.00	44.52 -3.30 0.00	40.84 -2.75 0.00	35.63 -2.36 0.00	34.45 -1.55 0.00	31.36 -1.37 0.00
NEG WEST___LANCASTER 23811	29.47 -2.39 0.00	28.08 -2.57 0.00	26.76 -2.61 0.00	25.75 -2.48 0.00	25.65 -2.48 0.00	27.28 -2.63 0.00	30.62 -2.41 0.00	32.97 -2.91 0.00	35.41 -2.58 0.00	32.85 -2.47 0.00	32.57 -2.15 0.00	30.90 -2.33 0.00	28.62 -2.32 0.00	28.58 -2.22 0.00	28.62 -2.46 0.00	29.53 -2.26 0.00	31.71 -2.17 0.00	35.02 -2.31 0.00	40.95 -2.25 0.00	45.77 -2.06 0.00	41.97 -1.61 0.00	36.58 -1.41 0.00	35.20 -0.79 0.00	32.08 -0.65 0.00
NEG_PENN_ALLEGHNY 23528	31.51 -0.35 0.00	30.22 -0.43 0.00	28.93 -0.44 0.00	27.82 -0.42 0.00	27.67 -0.45 0.00	29.49 -0.42 0.00	32.67 -0.36 0.00	35.41 -0.47 0.00	37.62 -0.38 0.00	34.93 -0.39 0.00	34.41 -0.31 0.00	32.83 -0.40 0.00	30.51 -0.43 0.00	30.40 -0.40 0.00	30.61 -0.47 0.00	31.41 -0.38 0.00	33.54 -0.34 0.00	37.03 -0.30 0.00	43.07 -0.13 0.00	47.78 -0.05 0.00	43.63 0.04 0.00	38.02 0.04 0.00	36.03 0.04 0.00	32.74 0.00 0.00
NEG___GEN_MONROE 24207	30.20 -1.66 0.00	28.78 -1.87 0.00	27.55 -1.82 0.00	26.52 -1.72 0.00	26.49 -1.63 0.00	28.15 -1.76 0.00	31.38 -1.65 0.00	33.83 -2.04 0.00	36.21 -1.79 0.00	33.52 -1.80 0.00	33.16 -1.56 0.00	31.47 -1.76 0.00	29.24 -1.70 0.00	29.20 -1.60 0.00	29.27 -1.80 0.00	30.10 -1.68 0.00	32.15 -1.73 0.00	35.46 -1.87 0.00	41.38 -1.81 0.00	46.15 -1.67 0.00	42.19 -1.39 0.00	36.85 -1.14 0.00	35.31 -0.68 0.00	32.08 -0.65 0.00

NEPA__ENERGY 23901	29.37 -2.48 0.00	28.01 -2.64 0.00	26.70 -2.67 0.00	25.73 -2.51 0.00	25.59 -2.53 0.00	27.19 -2.72 0.00	30.52 -2.51 0.00	32.86 -3.01 0.00	35.26 -2.74 0.00	32.71 -2.61 0.00	32.43 -2.29 0.00	30.77 -2.46 0.00	28.53 -2.41 0.00	28.46 -2.34 0.00	28.53 -2.55 0.00	29.44 -2.35 0.00	31.61 -2.27 0.00	34.90 -2.43 0.00	40.91 -2.29 0.00	45.82 -2.01 0.00	42.06 -1.53 0.00	36.62 -1.37 0.00	35.20 -0.79 0.00	32.12 -0.62 0.00
NEVERSink__HYD 23608	32.97 1.11 0.00	31.75 1.10 0.00	30.40 1.03 0.00	29.28 1.05 0.00	29.22 1.10 0.00	31.11 1.20 0.00	34.22 1.19 0.00	37.27 1.40 0.00	39.33 1.33 0.00	36.52 1.20 0.00	35.76 1.04 0.00	34.22 1.00 0.00	31.87 0.93 0.00	31.66 0.86 0.00	32.01 0.93 0.00	32.77 0.99 0.00	34.90 1.02 0.00	38.75 1.42 0.00	44.93 1.73 0.00	49.69 1.86 0.00	45.28 1.70 0.00	39.39 1.41 0.00	37.18 1.19 0.00	33.75 1.02 0.00
NEWKRMKL_115KV_TB1 55635	32.56 0.70 0.00	31.39 0.74 0.00	30.19 0.82 0.00	29.06 0.82 0.00	28.97 0.84 0.00	30.81 0.90 0.00	33.89 0.86 0.00	36.56 0.68 0.00	38.38 0.38 0.00	35.75 0.42 0.00	35.14 0.42 0.00	33.76 0.53 0.00	31.50 0.56 0.00	31.36 0.55 0.00	31.61 0.53 0.00	32.33 0.54 0.00	34.42 0.54 0.00	37.74 0.41 0.00	43.76 0.56 0.00	48.35 0.53 0.00	44.06 0.48 0.00	38.40 0.42 0.00	36.35 0.36 0.00	33.06 0.33 0.00
NEWTON__FALLS_HYD 23847	31.35 -0.51 0.00	30.22 -0.43 0.00	29.02 -0.35 0.00	27.81 -0.42 0.00	27.45 -0.68 0.00	29.25 -0.66 0.00	32.37 -0.66 0.00	35.12 -0.75 0.00	37.31 -0.68 0.00	34.51 -0.81 0.00	33.89 -0.83 0.00	32.36 -0.86 0.00	30.14 -0.80 0.00	30.00 -0.80 0.00	30.30 -0.78 0.00	31.18 -0.60 0.00	33.27 -0.61 0.00	36.88 -0.45 0.00	42.81 -0.39 0.00	47.44 -0.38 0.00	43.23 -0.35 0.00	37.72 -0.27 0.00	35.71 -0.29 0.00	32.28 -0.46 0.00
NGRID_A1_DSASP 323792	28.77 -3.09 0.00	27.16 -3.49 0.00	25.99 -3.38 0.00	24.99 -3.25 0.00	24.69 -3.43 0.00	26.47 -3.44 0.00	29.66 -3.37 0.00	31.75 -4.12 0.00	34.31 -3.69 0.00	31.76 -3.57 0.00	31.56 -3.16 0.00	29.97 -3.25 0.00	27.75 -3.19 0.00	27.79 -3.02 0.00	27.78 -3.29 0.00	28.71 -3.08 0.00	30.73 -3.15 0.00	33.82 -3.51 0.00	39.74 -3.46 0.00	44.00 -3.83 0.00	40.31 -3.27 0.00	35.17 -2.81 0.00	34.05 -1.94 0.00	31.00 -1.74 0.00
NGRID_A2_DSASP 323793	28.77 -3.09 0.00	27.16 -3.49 0.00	25.99 -3.38 0.00	24.99 -3.25 0.00	24.69 -3.43 0.00	26.47 -3.44 0.00	29.66 -3.37 0.00	31.75 -4.12 0.00	34.31 -3.69 0.00	31.76 -3.57 0.00	31.56 -3.16 0.00	29.97 -3.25 0.00	27.75 -3.19 0.00	27.79 -3.02 0.00	27.78 -3.29 0.00	28.71 -3.08 0.00	30.73 -3.15 0.00	33.82 -3.51 0.00	39.74 -3.46 0.00	44.00 -3.83 0.00	40.31 -3.27 0.00	35.17 -2.81 0.00	34.05 -1.94 0.00	31.00 -1.74 0.00
NGRID_A4_DSASP 323807	28.77 -3.09 0.00	27.16 -3.49 0.00	25.99 -3.38 0.00	24.99 -3.25 0.00	24.69 -3.43 0.00	26.47 -3.44 0.00	29.66 -3.37 0.00	31.75 -4.12 0.00	34.31 -3.69 0.00	31.76 -3.57 0.00	31.56 -3.16 0.00	29.97 -3.25 0.00	27.75 -3.19 0.00	27.79 -3.02 0.00	27.78 -3.29 0.00	28.71 -3.08 0.00	30.73 -3.15 0.00	33.82 -3.51 0.00	39.74 -3.46 0.00	44.00 -3.83 0.00	40.31 -3.27 0.00	35.17 -2.81 0.00	34.05 -1.94 0.00	31.00 -1.74 0.00
NIAGARA_115E_LBMP 323715	28.61 -3.25 0.00	27.00 -3.65 0.00	25.85 -3.53 0.00	24.85 -3.39 0.00	24.55 -3.57 0.00	26.32 -3.59 0.00	29.50 -3.53 0.00	31.57 -4.31 0.00	34.12 -3.88 0.00	31.58 -3.74 0.00	31.39 -3.33 0.00	29.80 -3.42 0.00	27.60 -3.34 0.00	27.63 -3.17 0.00	27.63 -3.45 0.00	28.55 -3.24 0.00	30.56 -3.32 0.00	33.67 -3.66 0.00	39.61 -3.58 0.00	43.86 -3.97 0.00	40.23 -3.35 0.00	35.06 -2.92 0.00	33.94 -2.05 0.00	30.90 -1.83 0.00
NIAGARA_115W_LBMP 323714	28.67 -3.19 0.00	27.06 -3.59 0.00	25.91 -3.47 0.00	24.91 -3.33 0.00	24.64 -3.49 0.00	26.38 -3.53 0.00	29.56 -3.47 0.00	31.64 -4.23 0.00	34.20 -3.80 0.00	31.65 -3.67 0.00	31.45 -3.26 0.00	29.87 -3.35 0.00	27.69 -3.25 0.00	27.72 -3.08 0.00	27.69 -3.39 0.00	28.61 -3.18 0.00	30.63 -3.25 0.00	33.71 -3.62 0.00	39.61 -3.58 0.00	43.86 -3.97 0.00	40.18 -3.40 0.00	35.06 -2.92 0.00	33.91 -2.09 0.00	30.90 -1.83 0.00
NIAGARA_230_LBMP 323716	28.99 -2.87 0.00	27.37 -3.28 0.00	26.20 -3.17 0.00	25.19 -3.05 0.00	24.92 -3.21 0.00	26.68 -3.23 0.00	29.89 -3.14 0.00	32.00 -3.88 0.00	34.58 -3.42 0.00	32.00 -3.32 0.00	31.77 -2.95 0.00	30.20 -3.02 0.00	28.00 -2.94 0.00	28.00 -2.80 0.00	28.00 -3.08 0.00	28.93 -2.86 0.00	30.97 -2.91 0.00	34.08 -3.25 0.00	40.00 -3.20 0.00	44.33 -3.49 0.00	40.62 -2.97 0.00	35.40 -2.58 0.00	34.23 -1.76 0.00	31.20 -1.54 0.00
NIAGARA__115KV_198_GIBSON 55903	28.51 -3.34 0.00	27.06 -3.59 0.00	25.82 -3.55 0.00	24.85 -3.39 0.00	24.86 -3.26 0.00	26.32 -3.59 0.00	29.56 -3.47 0.00	31.71 -4.16 0.00	34.20 -3.80 0.00	31.65 -3.67 0.00	31.46 -3.26 0.00	29.84 -3.39 0.00	27.63 -3.31 0.00	27.66 -3.14 0.00	27.66 -3.42 0.00	28.51 -3.27 0.00	30.60 -3.29 0.00	33.67 -3.66 0.00	39.27 -3.93 0.00	43.76 -4.07 0.00	40.14 -3.44 0.00	34.98 -3.00 0.00	33.91 -2.09 0.00	30.87 -1.87 0.00
NIAGARA____ 23760	28.99 -2.87 0.00	27.37 -3.28 0.00	26.20 -3.17 0.00	25.19 -3.05 0.00	24.92 -3.21 0.00	26.68 -3.23 0.00	29.89 -3.14 0.00	32.00 -3.88 0.00	34.58 -3.42 0.00	32.00 -3.32 0.00	31.77 -2.95 0.00	30.20 -3.02 0.00	28.00 -2.94 0.00	28.00 -2.80 0.00	28.00 -3.08 0.00	28.93 -2.86 0.00	30.97 -2.91 0.00	34.08 -3.25 0.00	40.00 -3.20 0.00	44.33 -3.49 0.00	40.62 -2.97 0.00	35.40 -2.58 0.00	34.23 -1.76 0.00	31.20 -1.54 0.00
NINE_MILE_1 23575	30.96 -0.89 0.00	29.76 -0.89 0.00	28.52 -0.85 0.00	27.42 -0.82 0.00	27.31 -0.82 0.00	29.07 -0.84 0.00	32.11 -0.92 0.00	34.83 -1.04 0.00	36.97 -1.02 0.00	34.33 -0.99 0.00	33.78 -0.94 0.00	32.30 -0.93 0.00	30.07 -0.87 0.00	29.94 -0.86 0.00	30.17 -0.90 0.00	30.87 -0.92 0.00	32.87 -1.02 0.00	36.17 -1.16 0.00	41.90 -1.29 0.00	46.39 -1.43 0.00	42.32 -1.27 0.00	36.88 -1.10 0.00	34.99 -1.01 0.00	31.89 -0.85 0.00
NINE_MILE_2 23744	30.96 -0.89 0.00	29.76 -0.89 0.00	28.52 -0.85 0.00	27.42 -0.82 0.00	27.31 -0.82 0.00	29.07 -0.84 0.00	32.11 -0.92 0.00	34.83 -1.04 0.00	36.97 -1.02 0.00	34.33 -0.99 0.00	33.78 -0.94 0.00	32.30 -0.93 0.00	30.07 -0.87 0.00	29.94 -0.86 0.00	30.17 -0.90 0.00	30.87 -0.92 0.00	32.87 -1.02 0.00	36.17 -1.16 0.00	41.90 -1.29 0.00	46.39 -1.43 0.00	42.32 -1.27 0.00	36.88 -1.10 0.00	34.99 -1.01 0.00	31.89 -0.85 0.00
NM_CAPITAL__DRP 24208	32.59 0.73 0.00	31.45 0.80 0.00	30.22 0.85 0.00	29.11 0.88 0.00	29.03 0.90 0.00	30.84 0.93 0.00	33.96 0.92 0.00	36.66 0.79 0.00	38.49 0.49 0.00	35.85 0.53 0.00	35.24 0.52 0.00	33.86 0.63 0.00	31.56 0.62 0.00	31.42 0.62 0.00	31.70 0.62 0.00	32.39 0.60 0.00	34.53 0.64 0.00	37.85 0.52 0.00	43.89 0.69 0.00	48.49 0.67 0.00	44.15 0.57 0.00	38.48 0.49 0.00	36.46 0.47 0.00	33.20 0.46 0.00

NM_CENTRAL___DRP 24181	31.50 -0.35 0.00	30.25 -0.40 0.00	28.96 -0.41 0.00	27.84 -0.40 0.00	27.76 -0.37 0.00	29.55 -0.36 0.00	32.67 -0.36 0.00	35.44 -0.43 0.00	37.62 -0.38 0.00	34.97 -0.35 0.00	34.41 -0.31 0.00	32.86 -0.37 0.00	30.57 -0.37 0.00	30.46 -0.34 0.00	30.67 -0.40 0.00	31.41 -0.38 0.00	33.48 -0.41 0.00	36.88 -0.45 0.00	42.72 -0.48 0.00	47.39 -0.43 0.00	43.19 -0.39 0.00	37.68 -0.30 0.00	35.71 -0.29 0.00	32.48 -0.26 0.00
NM_FRONTIER___DRP 24179	28.51 -3.34 0.00	27.06 -3.59 0.00	25.82 -3.55 0.00	24.85 -3.39 0.00	24.86 -3.26 0.00	26.32 -3.59 0.00	29.56 -3.47 0.00	31.71 -4.16 0.00	34.20 -3.80 0.00	31.65 -3.67 0.00	31.46 -3.26 0.00	29.84 -3.39 0.00	27.63 -3.31 0.00	27.66 -3.14 0.00	27.66 -3.42 0.00	28.51 -3.27 0.00	30.60 -3.29 0.00	33.67 -3.66 0.00	39.27 -3.93 0.00	43.76 -4.07 0.00	40.14 -3.44 0.00	34.98 -3.00 0.00	33.91 -2.09 0.00	30.87 -1.87 0.00
NM_ST_REGIS___HYD 24053	31.82 -0.03 0.00	30.68 0.03 0.00	29.31 -0.06 0.00	27.98 -0.25 0.00	27.70 -0.42 0.00	29.37 -0.54 0.00	32.50 -0.53 0.00	35.34 -0.54 0.00	37.62 -0.38 0.00	34.93 -0.39 0.00	34.30 -0.42 0.00	32.86 -0.37 0.00	30.60 -0.34 0.00	30.56 -0.25 0.00	30.86 -0.22 0.00	31.63 -0.16 0.00	33.71 -0.17 0.00	37.29 -0.04 0.00	43.20 0.00 0.00	47.87 0.05 0.00	43.58 0.00 0.00	37.91 -0.08 0.00	35.89 -0.11 0.00	32.57 -0.16 0.00
NORTHPORT___1 23551	33.42 1.56 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.71 1.47 0.00	29.70 1.57 0.00	31.67 1.76 0.00	34.91 1.88 0.00	45.95 2.65 -7.42	40.32 2.32 0.00	37.16 1.84 0.00	36.32 1.60 0.00	34.69 1.46 0.00	32.30 1.36 0.00	32.07 1.26 0.00	32.57 1.49 0.00	33.19 1.40 0.00	35.30 1.42 0.00	39.49 2.16 0.00	45.23 2.03 0.00	50.12 2.30 0.00	45.76 2.18 0.00	40.34 2.36 0.00	37.65 1.66 0.00	34.28 1.54 0.00
NORTHPORT___2 23552	33.42 1.56 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.71 1.47 0.00	29.70 1.57 0.00	31.67 1.76 0.00	34.91 1.88 0.00	45.95 2.65 -7.42	40.32 2.32 0.00	37.16 1.84 0.00	36.32 1.60 0.00	34.69 1.46 0.00	32.30 1.36 0.00	32.07 1.26 0.00	32.57 1.49 0.00	33.19 1.40 0.00	35.30 1.42 0.00	39.49 2.16 0.00	45.23 2.03 0.00	50.12 2.30 0.00	45.76 2.18 0.00	40.34 2.36 0.00	37.65 1.66 0.00	34.28 1.54 0.00
NORTHPORT___3 23553	33.48 1.62 0.00	32.24 1.59 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.70 1.79 0.00	34.88 1.85 0.00	45.91 2.62 -7.42	40.32 2.32 0.00	37.26 1.94 0.00	36.42 1.70 0.00	34.85 1.63 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.72 1.65 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.61 2.28 0.00	45.57 2.37 0.00	50.60 2.77 0.00	46.11 2.53 0.00	40.34 2.36 0.00	37.76 1.76 0.00	34.31 1.57 0.00
NORTHPORT___4 23650	33.48 1.62 0.00	32.24 1.59 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.70 1.79 0.00	34.88 1.85 0.00	45.91 2.62 -7.42	40.32 2.32 0.00	37.26 1.94 0.00	36.42 1.70 0.00	34.85 1.63 0.00	32.43 1.49 0.00	32.22 1.42 0.00	32.72 1.65 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.61 2.28 0.00	45.57 2.37 0.00	50.60 2.77 0.00	46.11 2.53 0.00	40.34 2.36 0.00	37.76 1.76 0.00	34.31 1.57 0.00
NORTHPORT___IC 23718	33.45 1.59 0.00	32.15 1.50 0.00	30.90 1.53 0.00	29.74 1.50 0.00	29.62 1.49 0.00	31.73 1.82 0.00	34.98 1.95 0.00	45.94 2.65 -7.41	40.32 2.32 0.00	37.16 1.84 0.00	36.32 1.60 0.00	34.72 1.50 0.00	32.30 1.36 0.00	32.07 1.26 0.00	32.57 1.49 0.00	33.19 1.40 0.00	35.51 1.63 0.00	39.50 2.17 0.00	45.49 2.29 0.00	50.22 2.39 0.00	45.76 2.18 0.00	40.34 2.36 0.00	37.65 1.66 0.00	34.28 1.54 0.00
NORTH___COUNTRY_ESR 323785	32.30 0.45 0.00	31.05 0.40 0.00	29.58 0.21 0.00	28.18 -0.06 0.00	27.90 -0.23 0.00	29.40 -0.51 0.00	32.50 -0.53 0.00	35.41 -0.47 0.00	37.73 -0.26 0.00	35.11 -0.21 0.00	34.62 -0.10 0.00	33.23 0.00 0.00	31.00 0.06 0.00	30.99 0.19 0.00	31.32 0.25 0.00	32.07 0.29 0.00	34.22 0.34 0.00	37.78 0.45 0.00	43.67 0.48 0.00	48.40 0.58 0.00	44.02 0.44 0.00	38.29 0.30 0.00	36.21 0.22 0.00	32.87 0.13 0.00
NPX_GEN_1385_PROXY 323591	33.42 1.56 0.00	31.94 1.29 0.00	30.55 1.18 0.00	29.65 1.41 0.00	29.70 1.57 0.00	31.67 1.76 0.00	34.98 1.95 0.00	45.91 2.62 -7.42	40.32 2.32 0.00	37.16 1.84 0.00	36.28 1.56 0.00	34.62 1.40 0.00	32.30 1.36 0.00	32.00 1.20 0.00	32.51 1.43 0.00	33.09 1.30 0.00	35.03 1.15 0.00	39.23 1.90 0.00	44.93 1.73 0.00	49.93 2.10 0.00	45.24 1.66 0.00	40.30 2.32 0.00	37.43 1.44 0.00	34.28 1.54 0.00
NPX_GEN_CSC 323557	33.16 1.31 0.00	32.09 1.44 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.62 1.49 0.00	31.76 1.86 0.00	35.18 2.15 0.00	46.31 3.01 -7.42	40.54 2.55 0.00	37.05 1.73 0.00	36.11 1.39 0.00	34.32 1.09 0.00	31.90 0.96 0.00	31.66 0.86 0.00	32.23 1.15 0.00	32.77 0.99 0.00	34.87 0.98 0.00	39.38 2.05 0.00	44.88 1.68 0.00	50.36 2.53 0.00	45.85 2.26 0.00	40.34 2.36 0.00	37.40 1.40 0.00	34.34 1.60 0.00
NSINS_S___GLNS_FALLS 23858	33.61 1.75 0.00	32.40 1.75 0.00	31.05 1.67 0.00	29.85 1.61 0.00	29.79 1.66 0.00	31.76 1.85 0.00	34.98 1.95 0.00	38.06 2.19 0.00	40.20 2.20 0.00	37.44 2.12 0.00	36.84 2.12 0.00	35.19 1.96 0.00	32.55 1.61 0.00	32.37 1.57 0.00	32.66 1.58 0.00	33.41 1.62 0.00	35.68 1.80 0.00	39.31 1.98 0.00	45.74 2.55 0.00	50.60 2.77 0.00	46.02 2.44 0.00	40.15 2.17 0.00	38.01 2.02 0.00	34.47 1.74 0.00
NUCOR_STEEL___DRP 24197	31.73 -0.13 0.00	30.44 -0.21 0.00	29.17 -0.21 0.00	28.04 -0.20 0.00	27.93 -0.20 0.00	29.73 -0.18 0.00	32.93 -0.10 0.00	35.73 -0.14 0.00	38.00 0.00 0.00	35.25 -0.07 0.00	34.68 -0.03 0.00	33.06 -0.17 0.00	30.72 -0.22 0.00	30.65 -0.15 0.00	30.86 -0.22 0.00	31.63 -0.16 0.00	33.75 -0.14 0.00	37.26 -0.07 0.00	43.20 0.00 0.00	47.92 0.10 0.00	43.71 0.13 0.00	38.14 0.15 0.00	36.14 0.14 0.00	32.80 0.07 0.00
NUMBER_THREE_WT_PWR 323818	31.76 -0.10 0.00	30.59 -0.06 0.00	29.55 0.18 0.00	28.41 0.17 0.00	27.90 -0.23 0.00	29.79 -0.12 0.00	32.97 -0.07 0.00	35.77 -0.11 0.00	37.92 -0.08 0.00	35.04 -0.28 0.00	34.37 -0.35 0.00	32.79 -0.43 0.00	30.54 -0.40 0.00	30.37 -0.43 0.00	30.64 -0.44 0.00	31.72 -0.06 0.00	33.85 -0.03 0.00	37.63 0.30 0.00	43.72 0.52 0.00	48.49 0.67 0.00	44.19 0.61 0.00	38.59 0.61 0.00	36.50 0.50 0.00	32.97 0.23 0.00
NYISO_LBMP_REFERENCE 24008	31.85 0.00 0.00	30.65 0.00 0.00	29.37 0.00 0.00	28.24 0.00 0.00	28.13 0.00 0.00	29.91 0.00 0.00	33.03 0.00 0.00	35.88 0.00 0.00	38.00 0.00 0.00	35.32 0.00 0.00	34.72 0.00 0.00	33.23 0.00 0.00	30.94 0.00 0.00	30.80 0.00 0.00	31.08 0.00 0.00	31.79 0.00 0.00	33.88 0.00 0.00	37.33 0.00 0.00	43.20 0.00 0.00	47.82 0.00 0.00	43.58 0.00 0.00	37.98 0.00 0.00	35.99 0.00 0.00	32.74 0.00 0.00

NYPA_BRENTWD____GT 24164	33.67 1.81 0.00	32.40 1.75 0.00	31.04 1.67 0.00	29.93 1.69 0.00	29.90 1.77 0.00	31.91 2.00 0.00	35.18 2.15 0.00	46.27 2.98 -7.42	40.66 2.66 0.00	37.44 2.12 0.00	36.56 1.84 0.00	34.92 1.69 0.00	32.46 1.52 0.00	32.25 1.45 0.00	32.79 1.71 0.00	33.38 1.59 0.00	35.54 1.66 0.00	39.83 2.50 0.00	45.70 2.50 0.00	50.84 3.01 0.00	46.33 2.75 0.00	40.72 2.74 0.00	38.01 2.01 0.00	34.60 1.87 0.00
NYPA_GOWANUS____GT5 24156	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NYPA_GOWANUS____GT6 24157	50.11 1.91 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.52 1.88 -19.51	49.50 1.94 -17.65	50.12 2.02 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.23 1.94 -20.50	55.68 2.10 -19.69	63.05 2.46 -23.26	64.84 2.77 -18.88	63.31 3.06 -12.43	72.25 2.75 -25.92	54.33 2.24 -14.10	52.11 1.98 -14.14	50.70 1.73 -16.23
NYPA_HARLEM_RVR_GT1 24160	33.33 1.47 -0.01	32.22 1.56 -0.01	30.85 1.47 -0.01	29.71 1.47 -0.01	29.68 1.55 -0.01	31.47 1.55 -0.01	34.64 1.62 0.01	37.91 2.04 0.01	40.00 2.01 0.01	37.25 1.94 0.01	36.48 1.77 0.01	34.95 1.73 0.01	32.63 1.70 0.01	32.43 1.63 0.01	32.81 1.74 0.01	33.50 1.72 0.01	35.70 1.83 0.01	39.49 2.16 0.01	45.56 2.37 0.01	50.44 2.63 0.01	45.93 2.35 0.01	39.84 1.86 0.01	37.53 1.55 0.01	33.99 1.24 -0.01
NYPA_HARLEM_RVR_GT2 24161	33.33 1.47 -0.01	32.22 1.56 -0.01	30.85 1.47 -0.01	29.71 1.47 -0.01	29.68 1.55 -0.01	31.47 1.55 -0.01	34.64 1.62 0.01	37.91 2.04 0.01	40.00 2.01 0.01	37.25 1.94 0.01	36.48 1.77 0.01	34.95 1.73 0.01	32.63 1.70 0.01	32.43 1.63 0.01	32.81 1.74 0.01	33.50 1.72 0.01	35.70 1.83 0.01	39.49 2.16 0.01	45.56 2.37 0.01	50.44 2.63 0.01	45.93 2.35 0.01	39.84 1.86 0.01	37.53 1.55 0.01	33.99 1.24 -0.01
NYPA_KENT____GT 24152	43.06 1.81 -9.40	42.50 1.84 -10.01	41.73 1.73 -10.62	41.42 1.72 -11.46	41.37 1.80 -11.44	42.21 1.86 -10.44	43.59 1.92 -8.64	45.27 2.30 -7.10	46.48 2.28 -6.20	48.12 2.15 -10.64	45.01 1.98 -8.31	47.52 1.93 -12.36	45.87 1.83 -13.10	45.82 1.79 -13.23	45.93 1.90 -12.95	46.87 1.88 -13.21	48.61 2.03 -12.70	57.45 2.35 -17.77	58.88 2.68 -13.00	58.80 2.97 -8.01	63.08 2.61 -16.88	49.24 2.16 -9.09	46.19 1.83 -8.37	43.94 1.60 -9.60
NYPA_POUCH1____GT 24155	50.05 1.85 -16.34	50.01 1.90 -17.46	49.50 1.79 -18.34	49.47 1.72 -19.50	49.46 1.83 -19.51	49.47 1.92 -17.65	50.05 1.95 -15.07	50.13 2.26 -11.99	50.72 2.24 -10.48	53.87 2.05 -16.50	50.74 1.98 -14.05	54.22 1.83 -19.17	53.00 1.73 -20.33	53.02 1.69 -20.53	52.98 1.80 -20.10	54.06 1.78 -20.50	55.50 1.93 -19.69	62.86 2.28 -23.26	64.66 2.59 -18.88	63.12 2.87 -12.43	72.03 2.53 -25.92	54.21 2.13 -14.10	52.00 1.87 -14.14	50.64 1.67 -16.23
NYPA_VERNON____GT2 24162	35.99 1.69 -2.45	34.97 1.75 -2.57	33.93 1.64 -2.91	33.26 1.61 -3.41	33.22 1.72 -3.38	34.91 1.76 -3.24	37.06 1.82 -2.21	40.30 2.23 -2.20	42.09 2.16 -1.93	42.19 2.08 -4.78	39.20 1.91 -2.58	40.64 1.86 -5.56	38.58 1.76 -5.87	38.46 1.72 -5.93	38.72 1.83 -5.81	39.52 1.81 -5.92	41.55 1.96 -5.71	51.88 2.28 -12.28	52.87 2.55 -7.12	54.25 2.82 -3.60	53.90 2.48 -7.84	44.11 2.05 -4.07	40.32 1.73 -2.59	37.19 1.47 -2.98
NYPA_VERNON____GT3 24163	35.99 1.69 -2.45	34.97 1.75 -2.57	33.93 1.64 -2.91	33.26 1.61 -3.41	33.22 1.72 -3.38	34.91 1.76 -3.24	37.06 1.82 -2.21	40.30 2.23 -2.20	42.09 2.16 -1.93	42.19 2.08 -4.78	39.20 1.91 -2.58	40.64 1.86 -5.56	38.58 1.76 -5.87	38.46 1.72 -5.93	38.72 1.83 -5.81	39.52 1.81 -5.92	41.55 1.96 -5.71	51.88 2.28 -12.28	52.87 2.55 -7.12	54.25 2.82 -3.60	53.90 2.48 -7.84	44.11 2.05 -4.07	40.32 1.73 -2.59	37.19 1.47 -2.98
NYPA____ASTORIA_CC1 323568	33.59 1.69 -0.05	32.37 1.72 -0.01	31.21 1.61 -0.22	30.57 1.61 -0.72	30.53 1.69 -0.72	32.30 1.73 -0.65	34.81 1.78 0.00	38.55 2.23 -0.45	40.51 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.62 1.76 -2.91	35.44 1.69 -2.94	35.79 1.83 -2.88	36.54 1.81 -2.94	38.65 1.93 -2.84	48.53 2.28 -8.93	50.13 2.55 -4.39	52.39 2.77 -1.79	50.13 2.48 -4.07	42.05 2.05 -2.02	38.24 1.73 -0.52	34.81 1.47 -0.60
NYPA____ASTORIA_CC2 323569	33.59 1.69 -0.05	32.37 1.72 -0.01	31.21 1.61 -0.22	30.57 1.61 -0.72	30.53 1.69 -0.72	32.30 1.73 -0.65	34.81 1.78 0.00	38.55 2.23 -0.45	40.51 2.13 -0.39	39.78 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.76	35.62 1.76 -2.91	35.44 1.69 -2.94	35.79 1.83 -2.88	36.54 1.81 -2.94	38.65 1.93 -2.84	48.53 2.28 -8.93	50.13 2.55 -4.39	52.39 2.77 -1.79	50.13 2.48 -4.07	42.05 2.05 -2.02	38.24 1.73 -0.52	34.81 1.47 -0.60
NYPA____HOLTSVILL 23794	33.42 1.56 0.00	32.21 1.56 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.73 1.60 0.00	31.77 1.86 0.00	35.08 2.05 0.00	46.13 2.83 -7.42	40.50 2.51 0.00	37.19 1.87 0.00	36.32 1.60 0.00	34.65 1.43 0.00	32.24 1.30 0.00	32.00 1.20 0.00	32.54 1.46 0.00	33.12 1.33 0.00	35.24 1.36 0.00	39.57 2.24 0.00	45.31 2.12 0.00	50.50 2.68 0.00	46.02 2.44 0.00	40.49 2.51 0.00	37.72 1.73 0.00	34.41 1.67 0.00
NYPA____HELLGATE_GT1 24158	33.33 1.47 -0.01	32.22 1.56 -0.01	30.85 1.47 -0.01	29.71 1.47 -0.01	29.68 1.55 -0.01	31.47 1.55 -0.01	34.64 1.62 0.01	37.91 2.04 0.01	40.00 2.01 0.01	37.25 1.94 0.01	36.48 1.77 0.01	34.95 1.73 0.01	32.63 1.70 0.01	32.43 1.63 0.01	32.81 1.74 0.01	33.50 1.72 0.01	35.70 1.83 0.01	39.49 2.16 0.01	45.56 2.37 0.01	50.44 2.63 0.01	45.93 2.35 0.01	39.84 1.86 0.01	37.53 1.55 0.01	33.99 1.24 -0.01
NYPA____HELLGATE_GT2 24159	33.33 1.47 -0.01	32.22 1.56 -0.01	30.85 1.47 -0.01	29.71 1.47 -0.01	29.68 1.55 -0.01	31.47 1.55 -0.01	34.64 1.62 0.01	37.91 2.04 0.01	40.00 2.01 0.01	37.25 1.94 0.01	36.48 1.77 0.01	34.95 1.73 0.01	32.63 1.70 0.01	32.43 1.63 0.01	32.81 1.74 0.01	33.50 1.72 0.01	35.70 1.83 0.01	39.49 2.16 0.01	45.56 2.37 0.01	50.44 2.63 0.01	45.93 2.35 0.01	39.84 1.86 0.01	37.53 1.55 0.01	33.99 1.24 -0.01
NYS_BARGE__HYD 23848	29.02 -2.84 0.00	27.40 -3.25 0.00	26.23 -3.14 0.00	25.22 -3.02 0.00	24.92 -3.21 0.00	26.71 -3.20 0.00	29.93 -3.11 0.00	32.07 -3.80 0.00	34.62 -3.38 0.00	32.04 -3.28 0.00	31.84 -2.88 0.00	30.20 -3.02 0.00	28.00 -2.94 0.00	28.00 -2.80 0.00	28.00 -3.08 0.00	28.93 -2.86 0.00	31.00 -2.88 0.00	34.19 -3.14 0.00	40.26 -2.94 0.00	44.62 -3.20 0.00	40.92 -2.66 0.00	35.71 -2.28 0.00	34.48 -1.51 0.00	31.36 -1.37 0.00

OAK ORCHARD___HYD 24046	30.49 -1.37 0.00	29.00 -1.66 0.00	27.76 -1.62 0.00	26.69 -1.55 0.00	26.49 -1.63 0.00	28.29 -1.62 0.00	31.51 -1.52 0.00	34.01 -1.87 0.00	36.48 -1.52 0.00	33.77 -1.55 0.00	33.47 -1.25 0.00	31.83 -1.39 0.00	29.55 -1.39 0.00	29.51 -1.29 0.00	29.62 -1.46 0.00	30.42 -1.37 0.00	32.53 -1.36 0.00	35.87 -1.46 0.00	41.90 -1.29 0.00	46.39 -1.43 0.00	42.41 -1.17 0.00	37.04 -0.95 0.00	35.42 -0.58 0.00	32.11 -0.62 0.00
OAKDALE___35_KV_LOAD 356122	31.44 -0.41 0.00	30.16 -0.49 0.00	28.87 -0.50 0.00	27.76 -0.48 0.00	27.65 -0.48 0.00	29.43 -0.48 0.00	32.60 -0.43 0.00	35.37 -0.50 0.00	37.54 -0.46 0.00	34.86 -0.46 0.00	34.34 -0.38 0.00	32.76 -0.47 0.00	30.44 -0.50 0.00	30.34 -0.46 0.00	30.55 -0.53 0.00	31.34 -0.45 0.00	33.48 -0.41 0.00	36.96 -0.37 0.00	42.89 -0.30 0.00	47.68 -0.14 0.00	43.49 -0.09 0.00	37.91 -0.08 0.00	35.96 -0.04 0.00	32.70 -0.03 0.00
OCC_CHEM___DRP 24175	28.57 -3.28 0.00	27.16 -3.49 0.00	25.88 -3.50 0.00	24.91 -3.33 0.00	24.92 -3.21 0.00	26.38 -3.53 0.00	29.66 -3.37 0.00	31.79 -4.09 0.00	34.31 -3.69 0.00	31.75 -3.57 0.00	31.56 -3.16 0.00	29.90 -3.32 0.00	27.72 -3.22 0.00	27.75 -3.05 0.00	27.72 -3.36 0.00	28.61 -3.18 0.00	30.66 -3.22 0.00	33.78 -3.55 0.00	39.39 -3.80 0.00	43.90 -3.92 0.00	40.27 -3.31 0.00	35.10 -2.89 0.00	34.01 -1.98 0.00	30.97 -1.77 0.00
OH_GEN_PROXY 24063	29.05 -2.80 0.00	27.43 -3.22 0.00	26.26 -3.11 0.00	25.24 -2.99 0.00	24.98 -3.15 0.00	26.74 -3.17 0.00	29.96 -3.07 0.00	32.11 -3.77 0.00	34.65 -3.34 0.00	32.11 -3.21 0.00	31.87 -2.85 0.00	30.27 -2.96 0.00	28.06 -2.88 0.00	28.06 -2.74 0.00	28.09 -2.98 0.00	28.99 -2.80 0.00	31.04 -2.85 0.00	34.16 -3.17 0.00	40.09 -3.11 0.00	44.43 -3.39 0.00	40.70 -2.88 0.00	35.48 -2.51 0.00	34.27 -1.73 0.00	31.20 -1.54 0.00
OLIN_CORP_DRP 24177	28.51 -3.34 0.00	27.10 -3.56 0.00	25.82 -3.55 0.00	24.85 -3.39 0.00	24.78 -3.35 0.00	26.35 -3.56 0.00	29.60 -3.44 0.00	31.75 -4.13 0.00	34.24 -3.76 0.00	31.68 -3.64 0.00	31.49 -3.23 0.00	29.84 -3.39 0.00	27.66 -3.28 0.00	27.66 -3.14 0.00	27.66 -3.42 0.00	28.51 -3.27 0.00	30.60 -3.29 0.00	33.71 -3.62 0.00	39.35 -3.84 0.00	43.90 -3.92 0.00	40.27 -3.31 0.00	35.10 -2.89 0.00	33.98 -2.02 0.00	30.94 -1.80 0.00
OLIN_CORP_DSASP 323712	28.77 -3.09 0.00	27.16 -3.49 0.00	25.99 -3.38 0.00	24.99 -3.25 0.00	24.69 -3.43 0.00	26.47 -3.44 0.00	29.66 -3.37 0.00	31.75 -4.12 0.00	34.31 -3.69 0.00	31.76 -3.57 0.00	31.56 -3.16 0.00	29.97 -3.25 0.00	27.75 -3.19 0.00	27.79 -3.02 0.00	27.78 -3.29 0.00	28.71 -3.08 0.00	30.73 -3.15 0.00	33.82 -3.51 0.00	39.74 -3.46 0.00	44.00 -3.83 0.00	40.31 -3.27 0.00	35.17 -2.81 0.00	34.05 -1.94 0.00	31.00 -1.74 0.00
ONEIDA_HERK_LFGE 323681	32.17 0.32 0.00	30.96 0.31 0.00	29.75 0.38 0.00	28.63 0.40 0.00	28.35 0.22 0.00	30.24 0.33 0.00	33.43 0.40 0.00	36.31 0.43 0.00	38.49 0.49 0.00	35.64 0.32 0.00	35.03 0.31 0.00	33.43 0.20 0.00	31.10 0.16 0.00	30.93 0.12 0.00	31.20 0.12 0.00	32.11 0.32 0.00	34.22 0.34 0.00	37.93 0.60 0.00	43.97 0.78 0.00	48.73 0.91 0.00	44.41 0.83 0.00	38.74 0.76 0.00	36.68 0.68 0.00	33.20 0.46 0.00
ONEIDA___115KV_TB4 55905	32.43 0.57 0.00	31.17 0.52 0.00	29.87 0.50 0.00	28.75 0.51 0.00	28.60 0.48 0.00	30.48 0.57 0.00	33.69 0.66 0.00	36.59 0.72 0.00	38.76 0.76 0.00	35.92 0.60 0.00	35.34 0.62 0.00	33.72 0.50 0.00	31.37 0.43 0.00	31.17 0.37 0.00	31.45 0.37 0.00	32.26 0.48 0.00	34.42 0.54 0.00	38.08 0.75 0.00	44.15 0.95 0.00	48.92 1.10 0.00	44.63 1.05 0.00	38.93 0.95 0.00	36.86 0.86 0.00	33.39 0.65 0.00
ONONDAGA_REF_OCCRA 23987	31.60 -0.25 0.00	30.31 -0.34 0.00	29.05 -0.32 0.00	27.93 -0.31 0.00	27.82 -0.31 0.00	29.61 -0.30 0.00	32.77 -0.26 0.00	35.55 -0.32 0.00	37.73 -0.27 0.00	35.07 -0.25 0.00	34.51 -0.21 0.00	32.93 -0.30 0.00	30.63 -0.31 0.00	30.53 -0.28 0.00	30.74 -0.34 0.00	31.47 -0.32 0.00	33.58 -0.30 0.00	37.03 -0.30 0.00	42.89 -0.30 0.00	47.58 -0.24 0.00	43.36 -0.22 0.00	37.83 -0.15 0.00	35.85 -0.14 0.00	32.57 -0.16 0.00
ONONDAGA___COGEN 23986	31.66 -0.19 0.00	30.41 -0.25 0.00	29.14 -0.23 0.00	27.98 -0.25 0.00	27.90 -0.23 0.00	29.70 -0.21 0.00	32.83 -0.20 0.00	35.62 -0.25 0.00	37.85 -0.15 0.00	35.14 -0.18 0.00	34.58 -0.14 0.00	33.03 -0.20 0.00	30.72 -0.22 0.00	30.59 -0.22 0.00	30.83 -0.25 0.00	31.57 -0.22 0.00	33.64 -0.24 0.00	37.07 -0.26 0.00	42.98 -0.22 0.00	47.63 -0.19 0.00	43.41 -0.17 0.00	37.87 -0.11 0.00	35.89 -0.11 0.00	32.61 -0.13 0.00
ONTARIO___LFGE 23819	31.15 -0.70 0.00	29.76 -0.89 0.00	28.49 -0.88 0.00	27.39 -0.85 0.00	27.22 -0.90 0.00	29.07 -0.84 0.00	32.27 -0.76 0.00	34.94 -0.93 0.00	37.27 -0.72 0.00	34.51 -0.81 0.00	34.02 -0.69 0.00	32.36 -0.86 0.00	30.04 -0.90 0.00	29.97 -0.83 0.00	30.11 -0.96 0.00	30.96 -0.83 0.00	33.10 -0.78 0.00	36.73 -0.60 0.00	42.94 -0.26 0.00	47.73 -0.10 0.00	43.63 0.04 0.00	38.06 0.08 0.00	36.10 0.11 0.00	32.74 0.00 0.00
ORANGEVILLE_WT_PWR 323706	28.70 -3.15 0.00	27.22 -3.43 0.00	26.02 -3.35 0.00	24.99 -3.25 0.00	24.78 -3.35 0.00	26.50 -3.41 0.00	29.60 -3.44 0.00	31.86 -4.02 0.00	34.08 -3.91 0.00	31.54 -3.78 0.00	31.25 -3.47 0.00	29.67 -3.55 0.00	27.50 -3.44 0.00	27.45 -3.36 0.00	27.53 -3.54 0.00	28.45 -3.34 0.00	30.49 -3.39 0.00	34.12 -3.21 0.00	40.39 -2.81 0.00	45.34 -2.49 0.00	41.67 -1.92 0.00	36.43 -1.56 0.00	34.95 -1.04 0.00	31.76 -0.98 0.00
ORANGEVILLE___ESR 323794	28.70 -3.15 0.00	27.22 -3.43 0.00	26.02 -3.35 0.00	24.99 -3.25 0.00	24.78 -3.35 0.00	26.50 -3.41 0.00	29.60 -3.44 0.00	31.86 -4.02 0.00	34.08 -3.91 0.00	31.54 -3.78 0.00	31.25 -3.47 0.00	29.67 -3.55 0.00	27.50 -3.44 0.00	27.45 -3.36 0.00	27.53 -3.54 0.00	28.45 -3.34 0.00	30.49 -3.39 0.00	34.12 -3.21 0.00	40.39 -2.81 0.00	45.34 -2.49 0.00	41.67 -1.92 0.00	36.43 -1.56 0.00	34.95 -1.04 0.00	31.76 -0.98 0.00
OSWEGATCHIE___HYD 24044	31.34 -0.51 0.00	30.22 -0.43 0.00	29.02 -0.35 0.00	27.82 -0.42 0.00	27.45 -0.68 0.00	29.25 -0.66 0.00	32.37 -0.66 0.00	35.12 -0.76 0.00	37.31 -0.68 0.00	34.51 -0.81 0.00	33.89 -0.83 0.00	32.36 -0.86 0.00	30.14 -0.80 0.00	30.00 -0.80 0.00	30.30 -0.78 0.00	31.18 -0.60 0.00	33.27 -0.61 0.00	36.88 -0.45 0.00	42.81 -0.39 0.00	47.44 -0.38 0.00	43.23 -0.35 0.00	37.72 -0.26 0.00	35.70 -0.29 0.00	32.28 -0.46 0.00
OSWEGO___5 23606	31.15 -0.70 0.00	29.91 -0.74 0.00	28.67 -0.71 0.00	27.56 -0.68 0.00	27.45 -0.68 0.00	29.22 -0.69 0.00	32.30 -0.73 0.00	35.05 -0.82 0.00	37.20 -0.80 0.00	34.54 -0.78 0.00	33.99 -0.73 0.00	32.46 -0.76 0.00	30.23 -0.71 0.00	30.10 -0.71 0.00	30.33 -0.75 0.00	31.02 -0.76 0.00	33.07 -0.81 0.00	36.40 -0.93 0.00	42.20 -0.99 0.00	46.73 -1.10 0.00	42.62 -0.96 0.00	37.15 -0.84 0.00	35.24 -0.76 0.00	32.08 -0.65 0.00

OSWEGO___6 23613	31.15 -0.70 0.00	29.91 -0.74 0.00	28.67 -0.71 0.00	27.56 -0.68 0.00	27.45 -0.68 0.00	29.22 -0.69 0.00	32.30 -0.73 0.00	35.05 -0.82 0.00	37.20 -0.80 0.00	34.54 -0.78 0.00	33.99 -0.73 0.00	32.46 -0.76 0.00	30.23 -0.71 0.00	30.10 -0.71 0.00	30.33 -0.75 0.00	31.02 -0.76 0.00	33.07 -0.81 0.00	36.40 -0.93 0.00	42.20 -0.99 0.00	46.73 -1.10 0.00	42.62 -0.96 0.00	37.15 -0.84 0.00	35.24 -0.76 0.00	32.08 -0.65 0.00
OUTOKUMPU-AB___DRP 24206	29.05 -2.80 0.00	27.62 -3.03 0.00	26.32 -3.05 0.00	25.33 -2.91 0.00	25.29 -2.84 0.00	26.86 -3.05 0.00	30.16 -2.87 0.00	32.40 -3.48 0.00	34.92 -3.08 0.00	32.35 -2.97 0.00	32.15 -2.57 0.00	30.44 -2.79 0.00	28.19 -2.75 0.00	28.22 -2.59 0.00	28.19 -2.89 0.00	29.12 -2.67 0.00	31.24 -2.64 0.00	34.46 -2.87 0.00	40.30 -2.89 0.00	44.95 -2.87 0.00	41.23 -2.35 0.00	35.93 -2.05 0.00	34.77 -1.22 0.00	31.66 -1.08 0.00
OXBOW___BTM 323836	28.96 -2.90 0.00	27.34 -3.31 0.00	26.14 -3.23 0.00	25.13 -3.11 0.00	24.84 -3.29 0.00	26.65 -3.26 0.00	29.86 -3.17 0.00	32.00 -3.88 0.00	34.58 -3.42 0.00	32.00 -3.32 0.00	31.80 -2.92 0.00	30.20 -3.02 0.00	27.97 -2.97 0.00	27.97 -2.83 0.00	27.97 -3.11 0.00	28.90 -2.89 0.00	30.97 -2.91 0.00	34.12 -3.21 0.00	40.13 -3.07 0.00	44.48 -3.35 0.00	40.75 -2.83 0.00	35.55 -2.43 0.00	34.37 -1.62 0.00	31.30 -1.44 0.00
OXBOW____ 24026	28.76 -3.09 0.00	27.34 -3.31 0.00	26.05 -3.32 0.00	25.08 -3.16 0.00	25.06 -3.07 0.00	26.56 -3.35 0.00	29.86 -3.17 0.00	32.04 -3.84 0.00	34.58 -3.42 0.00	32.00 -3.32 0.00	31.80 -2.92 0.00	30.14 -3.09 0.00	27.91 -3.03 0.00	27.94 -2.86 0.00	27.94 -3.14 0.00	28.80 -2.99 0.00	30.90 -2.98 0.00	34.08 -3.25 0.00	39.78 -3.41 0.00	44.38 -3.44 0.00	40.71 -2.88 0.00	35.48 -2.51 0.00	34.34 -1.66 0.00	31.26 -1.47 0.00
OXY_CHEM_DSASP 323612	28.57 -3.28 0.00	27.16 -3.49 0.00	25.88 -3.50 0.00	24.91 -3.33 0.00	24.92 -3.21 0.00	26.38 -3.53 0.00	29.66 -3.37 0.00	31.79 -4.09 0.00	34.31 -3.69 0.00	31.75 -3.57 0.00	31.56 -3.16 0.00	29.90 -3.32 0.00	27.72 -3.22 0.00	27.75 -3.05 0.00	27.72 -3.36 0.00	28.61 -3.18 0.00	30.66 -3.22 0.00	33.78 -3.55 0.00	39.39 -3.80 0.00	43.90 -3.92 0.00	40.27 -3.31 0.00	35.10 -2.89 0.00	34.01 -1.98 0.00	30.97 -1.77 0.00
OZONE_PARK_ESR 323760	33.64 1.78 0.00	32.40 1.75 0.00	31.02 1.64 0.00	29.88 1.64 0.00	29.79 1.66 0.00	31.70 1.79 0.00	34.88 1.85 0.00	38.14 2.26 0.00	40.16 2.17 0.00	37.48 2.15 0.00	36.63 1.91 0.00	35.15 1.93 0.00	32.77 1.83 0.00	32.56 1.76 0.00	32.97 1.90 0.00	33.66 1.88 0.00	35.91 2.03 0.00	39.72 2.39 0.00	45.92 2.72 0.00	50.79 2.97 0.00	46.20 2.61 0.00	40.11 2.13 0.00	37.76 1.76 0.00	34.24 1.51 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.57 -3.28 0.00	27.16 -3.49 0.00	25.88 -3.50 0.00	24.91 -3.33 0.00	24.92 -3.21 0.00	26.38 -3.53 0.00	29.66 -3.37 0.00	31.79 -4.09 0.00	34.31 -3.69 0.00	31.75 -3.57 0.00	31.56 -3.16 0.00	29.90 -3.32 0.00	27.72 -3.22 0.00	27.75 -3.05 0.00	27.72 -3.36 0.00	28.61 -3.18 0.00	30.66 -3.22 0.00	33.78 -3.55 0.00	39.39 -3.80 0.00	43.90 -3.92 0.00	40.27 -3.31 0.00	35.10 -2.89 0.00	34.01 -1.98 0.00	30.97 -1.77 0.00
PACKARD__115KV_DUPONT_184 80571	28.57 -3.28 0.00	27.16 -3.49 0.00	25.88 -3.50 0.00	24.91 -3.33 0.00	24.92 -3.21 0.00	26.38 -3.53 0.00	29.66 -3.37 0.00	31.79 -4.09 0.00	34.31 -3.69 0.00	31.75 -3.57 0.00	31.56 -3.16 0.00	29.90 -3.32 0.00	27.72 -3.22 0.00	27.75 -3.05 0.00	27.72 -3.36 0.00	28.61 -3.18 0.00	30.66 -3.22 0.00	33.78 -3.55 0.00	39.39 -3.80 0.00	43.90 -3.92 0.00	40.27 -3.31 0.00	35.10 -2.89 0.00	34.01 -1.98 0.00	30.97 -1.77 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.46 1.59 -0.01	32.25 1.59 -0.01	30.85 1.47 -0.01	29.74 1.50 -0.01	29.65 1.52 -0.01	31.53 1.62 -0.01	34.68 1.65 0.00	37.91 2.04 0.01	39.97 1.98 0.01	37.22 1.91 0.01	36.41 1.70 0.01	34.95 1.73 0.01	32.54 1.61 0.01	32.37 1.57 0.01	32.75 1.68 0.01	33.46 1.68 0.01	35.67 1.80 0.01	39.41 2.09 0.01	45.61 2.42 0.01	50.40 2.58 0.01	45.88 2.31 0.01	39.84 1.86 0.01	37.53 1.55 0.01	34.06 1.31 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.58 1.72 -0.01	32.38 1.72 -0.01	30.97 1.59 -0.01	29.86 1.61 -0.01	29.77 1.63 -0.01	31.68 1.76 -0.01	34.81 1.78 0.00	38.02 2.15 0.01	40.04 2.05 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.60 1.67 0.01	32.43 1.63 0.01	32.81 1.74 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.52 2.20 0.01	45.74 2.55 0.01	50.54 2.73 0.01	46.01 2.44 0.01	39.95 1.98 0.01	37.68 1.69 0.01	34.22 1.47 -0.01
PATROON__115KV_TB1 80586	32.62 0.76 0.00	31.48 0.83 0.00	30.25 0.88 0.00	29.11 0.88 0.00	29.03 0.90 0.00	30.87 0.96 0.00	33.96 0.92 0.00	36.63 0.75 0.00	38.49 0.49 0.00	35.85 0.53 0.00	35.24 0.52 0.00	33.86 0.63 0.00	31.56 0.62 0.00	31.42 0.62 0.00	31.70 0.62 0.00	32.39 0.60 0.00	34.53 0.64 0.00	37.85 0.52 0.00	43.89 0.69 0.00	48.49 0.67 0.00	44.19 0.61 0.00	38.52 0.53 0.00	36.46 0.47 0.00	33.16 0.43 0.00
PATTRSNVILLE___SOLAR 323815	33.00 1.15 0.00	31.79 1.13 0.00	30.46 1.09 0.00	29.28 1.05 0.00	29.22 1.10 0.00	31.11 1.20 0.00	34.32 1.29 0.00	37.24 1.36 0.00	39.29 1.29 0.00	36.45 1.13 0.00	35.80 1.08 0.00	34.22 1.00 0.00	31.84 0.90 0.00	31.66 0.86 0.00	31.98 0.90 0.00	32.74 0.95 0.00	35.00 1.12 0.00	38.64 1.31 0.00	44.88 1.68 0.00	49.69 1.86 0.00	45.28 1.70 0.00	39.46 1.48 0.00	37.36 1.37 0.00	33.91 1.18 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.43 -2.42 0.00	28.05 -2.61 0.00	26.70 -2.67 0.00	25.70 -2.54 0.00	25.59 -2.53 0.00	27.25 -2.66 0.00	30.59 -2.44 0.00	32.90 -2.98 0.00	35.38 -2.62 0.00	32.81 -2.51 0.00	32.57 -2.15 0.00	30.87 -2.36 0.00	28.59 -2.35 0.00	28.58 -2.22 0.00	28.59 -2.49 0.00	29.53 -2.26 0.00	31.68 -2.20 0.00	35.02 -2.31 0.00	40.95 -2.25 0.00	45.77 -2.06 0.00	41.97 -1.61 0.00	36.58 -1.41 0.00	35.24 -0.76 0.00	32.08 -0.65 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.38 1.53 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.68 1.44 0.00	29.62 1.49 0.00	31.50 1.59 0.00	34.65 1.62 0.00	37.88 2.01 0.00	39.94 1.94 0.00	37.09 1.77 0.00	36.32 1.60 0.00	34.82 1.59 0.00	32.46 1.52 0.00	32.19 1.39 0.00	32.60 1.52 0.00	33.35 1.56 0.00	35.58 1.69 0.00	39.27 1.94 0.00	45.53 2.33 0.00	50.36 2.53 0.00	45.85 2.27 0.00	39.85 1.86 0.00	37.58 1.58 0.00	34.08 1.34 0.00
PEEKSKILL____ 23653	33.00 1.15 0.00	31.84 1.19 0.00	30.49 1.12 0.00	29.37 1.13 0.00	29.33 1.21 0.00	31.14 1.23 0.00	34.29 1.25 0.00	37.49 1.62 0.00	39.48 1.48 0.00	36.74 1.41 0.00	35.97 1.25 0.00	34.49 1.26 0.00	32.15 1.21 0.00	31.94 1.14 0.00	32.32 1.24 0.00	33.00 1.21 0.00	35.20 1.32 0.00	38.86 1.53 0.00	44.93 1.73 0.00	49.74 1.91 0.00	45.28 1.70 0.00	39.39 1.41 0.00	37.11 1.12 0.00	33.65 0.92 0.00

PGE MADISON___WINDPWR 24146	33.45 1.59 0.00	32.03 1.38 0.00	30.55 1.18 0.00	29.40 1.16 0.00	29.22 1.10 0.00	31.26 1.35 0.00	34.62 1.59 0.00	37.60 1.72 0.00	39.86 1.86 0.00	36.77 1.45 0.00	36.28 1.56 0.00	34.46 1.23 0.00	31.90 0.96 0.00	31.76 0.96 0.00	32.01 0.93 0.00	33.03 1.24 0.00	35.30 1.42 0.00	39.49 2.16 0.00	46.13 2.94 0.00	51.22 3.40 0.00	46.81 3.22 0.00	40.98 3.00 0.00	38.84 2.84 0.00	34.93 2.19 0.00
PIERCEFIELD___HYD 23852	31.54 -0.32 0.00	30.44 -0.21 0.00	29.11 -0.26 0.00	27.81 -0.42 0.00	27.54 -0.59 0.00	29.25 -0.66 0.00	32.37 -0.66 0.00	35.16 -0.72 0.00	37.43 -0.57 0.00	34.69 -0.64 0.00	34.09 -0.62 0.00	32.60 -0.63 0.00	30.35 -0.59 0.00	30.31 -0.49 0.00	30.58 -0.50 0.00	31.34 -0.45 0.00	33.44 -0.44 0.00	36.99 -0.34 0.00	42.81 -0.39 0.00	47.44 -0.38 0.00	43.19 -0.39 0.00	37.60 -0.38 0.00	35.63 -0.36 0.00	32.34 -0.39 0.00
PINELAWN_CC_1 323563	33.57 1.72 0.00	32.34 1.68 0.00	30.96 1.58 0.00	29.85 1.61 0.00	29.81 1.69 0.00	31.80 1.89 0.00	35.01 1.98 0.00	46.06 2.76 -7.42	40.47 2.47 0.00	37.30 1.98 0.00	36.45 1.74 0.00	34.85 1.63 0.00	32.39 1.45 0.00	32.22 1.42 0.00	32.72 1.65 0.00	33.31 1.53 0.00	35.51 1.63 0.00	39.68 2.35 0.00	45.61 2.42 0.00	50.74 2.92 0.00	46.24 2.66 0.00	40.53 2.55 0.00	37.86 1.87 0.00	34.44 1.70 0.00
PJM_GEN_HTP_PROXY 323702	33.32 1.47 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.46 1.55 0.00	34.62 1.59 0.00	37.88 2.01 0.00	39.90 1.90 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.69 1.61 0.00	33.41 1.62 0.00	35.61 1.73 0.00	39.38 2.05 0.00	45.44 2.24 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.47 1.48 0.00	33.95 1.21 0.00
PJM_GEN_KEystone 24065	31.22 -0.64 0.00	29.95 -0.70 0.00	28.67 -0.71 0.00	27.59 -0.65 0.00	27.48 -0.65 0.00	29.22 -0.69 0.00	32.41 -0.63 0.00	35.16 -0.72 0.00	37.31 -0.68 0.00	34.69 -0.63 0.00	34.13 -0.59 0.00	32.63 -0.60 0.00	30.32 -0.62 0.00	30.19 -0.62 0.00	30.42 -0.65 0.00	31.22 -0.57 0.00	33.34 -0.54 0.00	36.77 -0.56 0.00	42.76 -0.43 0.00	47.44 -0.38 0.00	43.28 -0.30 0.00	37.68 -0.31 0.00	35.30 -0.25 0.44	32.51 -0.23 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.32 1.47 0.00	32.09 1.44 0.00	30.75 1.38 0.00	29.62 1.38 0.00	29.59 1.46 0.00	31.52 1.61 0.00	34.72 1.68 0.00	45.70 2.40 -7.42	40.09 2.09 0.00	37.09 1.77 0.00	36.24 1.53 0.00	34.69 1.46 0.00	32.30 1.36 0.00	32.10 1.29 0.00	32.57 1.49 0.00	33.19 1.40 0.00	35.37 1.49 0.00	39.38 2.05 0.00	45.31 2.12 0.00	50.26 2.44 0.00	45.80 2.22 0.00	40.07 2.09 0.00	37.54 1.55 0.00	34.11 1.37 0.00
PJM_GEN_VFT_PROXY 323633	33.16 1.31 0.00	32.00 1.35 0.00	30.66 1.29 0.00	29.54 1.30 0.00	29.50 1.38 0.00	31.31 1.41 0.00	34.45 1.42 0.00	37.70 1.83 0.00	39.71 1.71 0.00	37.05 1.73 0.00	36.21 1.49 0.00	34.72 1.50 0.00	32.39 1.45 0.00	32.19 1.39 0.00	32.60 1.52 0.00	33.28 1.49 0.00	35.47 1.59 0.00	39.20 1.87 0.00	45.23 2.03 0.00	50.07 2.25 0.00	45.54 1.96 0.00	39.58 1.60 0.00	37.25 1.26 0.00	33.78 1.05 0.00
PLATSBURG_115KV_PMLD1 355749	32.68 0.83 0.00	31.42 0.77 0.00	29.93 0.56 0.00	28.49 0.25 0.00	28.24 0.11 0.00	29.64 -0.27 0.00	32.80 -0.23 0.00	35.70 -0.18 0.00	38.04 0.04 0.00	35.39 0.07 0.00	34.89 0.17 0.00	33.46 0.23 0.00	31.22 0.28 0.00	31.20 0.40 0.00	31.51 0.44 0.00	32.30 0.51 0.00	34.46 0.58 0.00	38.08 0.75 0.00	44.06 0.86 0.00	48.83 1.00 0.00	44.41 0.83 0.00	38.63 0.65 0.00	36.53 0.54 0.00	33.16 0.43 0.00
PLEASANTVLY___LBMP 24000	33.03 1.18 0.00	31.85 1.20 0.00	30.52 1.15 0.00	29.40 1.16 0.00	29.34 1.21 0.00	31.20 1.29 0.00	34.35 1.32 0.00	37.49 1.61 0.00	39.44 1.44 0.00	36.70 1.38 0.00	35.97 1.25 0.00	34.49 1.26 0.00	32.15 1.21 0.00	31.94 1.14 0.00	32.32 1.24 0.00	33.00 1.21 0.00	35.20 1.32 0.00	38.82 1.49 0.00	44.97 1.77 0.00	49.69 1.87 0.00	45.24 1.66 0.00	39.35 1.37 0.00	37.11 1.12 0.00	33.69 0.95 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.26 1.40 0.00	32.03 1.38 0.00	30.69 1.32 0.00	29.57 1.33 0.00	29.50 1.38 0.00	31.38 1.47 0.00	34.55 1.52 0.00	37.78 1.90 0.00	39.78 1.79 0.00	37.02 1.70 0.00	36.25 1.53 0.00	34.75 1.53 0.00	32.39 1.45 0.00	32.19 1.39 0.00	32.57 1.49 0.00	33.28 1.49 0.00	35.47 1.59 0.00	39.20 1.87 0.00	45.36 2.16 0.00	50.17 2.34 0.00	45.67 2.09 0.00	39.69 1.71 0.00	37.40 1.40 0.00	33.92 1.18 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.26 1.40 0.00	32.03 1.38 0.00	30.69 1.32 0.00	29.57 1.33 0.00	29.50 1.38 0.00	31.38 1.47 0.00	34.55 1.52 0.00	37.78 1.90 0.00	39.78 1.79 0.00	37.02 1.70 0.00	36.25 1.53 0.00	34.75 1.53 0.00	32.39 1.45 0.00	32.19 1.39 0.00	32.57 1.49 0.00	33.28 1.49 0.00	35.47 1.59 0.00	39.20 1.87 0.00	45.36 2.16 0.00	50.17 2.34 0.00	45.67 2.09 0.00	39.69 1.71 0.00	37.40 1.40 0.00	33.92 1.18 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.22 1.37 0.00	32.00 1.35 0.00	30.66 1.29 0.00	29.54 1.30 0.00	29.45 1.32 0.00	31.35 1.44 0.00	34.52 1.49 0.00	37.60 1.72 0.00	39.59 1.60 0.00	36.81 1.48 0.00	36.04 1.32 0.00	34.56 1.33 0.00	32.18 1.24 0.00	31.97 1.17 0.00	32.35 1.27 0.00	33.09 1.30 0.00	35.27 1.39 0.00	38.97 1.64 0.00	45.23 2.03 0.00	49.98 2.15 0.00	45.50 1.92 0.00	39.58 1.60 0.00	37.33 1.33 0.00	33.88 1.15 0.00
POLETTI___ 23519	33.45 1.59 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.74 1.50 0.00	29.64 1.52 0.00	31.56 1.65 0.00	34.65 1.62 0.00	37.85 1.97 0.00	39.86 1.86 0.00	37.16 1.84 0.00	36.35 1.63 0.00	34.89 1.66 0.00	32.52 1.58 0.00	32.31 1.51 0.00	32.72 1.65 0.00	33.41 1.62 0.00	35.64 1.76 0.00	39.35 2.02 0.00	45.53 2.33 0.00	50.31 2.49 0.00	45.76 2.18 0.00	39.77 1.79 0.00	37.47 1.48 0.00	34.01 1.28 0.00
POMONA___ESR 323819	33.00 1.15 0.00	31.82 1.16 0.00	30.49 1.12 0.00	29.34 1.10 0.00	29.31 1.18 0.00	31.17 1.26 0.00	34.29 1.25 0.00	37.49 1.62 0.00	39.48 1.48 0.00	36.74 1.41 0.00	35.97 1.25 0.00	34.49 1.26 0.00	32.15 1.21 0.00	31.91 1.11 0.00	32.29 1.21 0.00	33.00 1.21 0.00	35.17 1.29 0.00	38.86 1.53 0.00	44.88 1.68 0.00	49.74 1.91 0.00	45.24 1.66 0.00	39.35 1.37 0.00	37.07 1.08 0.00	33.65 0.92 0.00
PORT_JEFF_3 23555	33.54 1.69 0.00	32.30 1.65 0.00	30.99 1.61 0.00	29.85 1.61 0.00	29.81 1.69 0.00	31.85 1.94 0.00	35.15 2.12 0.00	46.27 2.98 -7.42	40.62 2.62 0.00	37.30 1.98 0.00	36.42 1.70 0.00	34.76 1.53 0.00	32.30 1.36 0.00	32.10 1.29 0.00	32.63 1.55 0.00	33.22 1.43 0.00	35.37 1.49 0.00	39.72 2.39 0.00	45.48 2.29 0.00	50.74 2.92 0.00	46.24 2.66 0.00	40.64 2.66 0.00	37.86 1.87 0.00	34.54 1.80 0.00

PORT_JEFF_4 23616	33.54 1.69 0.00	32.30 1.65 0.00	30.99 1.61 0.00	29.85 1.61 0.00	29.81 1.69 0.00	31.85 1.94 0.00	35.15 2.12 0.00	46.27 2.98 -7.42	40.62 2.62 0.00	37.30 1.98 0.00	36.42 1.70 0.00	34.76 1.53 0.00	32.30 1.36 0.00	32.10 1.29 0.00	32.63 1.55 0.00	33.22 1.43 0.00	35.37 1.49 0.00	39.72 2.39 0.00	45.48 2.29 0.00	50.74 2.92 0.00	46.24 2.66 0.00	40.64 2.66 0.00	37.86 1.87 0.00	34.54 1.80 0.00
PORT_JEFF_IC 23713	33.58 1.72 0.00	32.31 1.66 0.00	31.07 1.70 0.00	29.90 1.67 0.00	29.79 1.66 0.00	31.94 2.03 0.00	35.28 2.25 0.00	46.30 3.01 -7.41	40.66 2.66 0.00	37.33 2.01 0.00	36.42 1.70 0.00	34.79 1.56 0.00	32.33 1.39 0.00	32.10 1.29 0.00	32.66 1.58 0.00	33.25 1.46 0.00	35.54 1.66 0.00	39.76 2.43 0.00	45.79 2.59 0.00	50.88 3.06 0.00	46.33 2.75 0.00	40.68 2.70 0.00	37.90 1.91 0.00	34.57 1.83 0.00
PPL PILGRIM_ST_GT1 24216	33.67 1.81 0.00	32.40 1.75 0.00	31.04 1.67 0.00	29.93 1.69 0.00	29.90 1.77 0.00	31.91 2.00 0.00	35.18 2.15 0.00	46.27 2.98 -7.42	40.66 2.66 0.00	37.44 2.12 0.00	36.56 1.84 0.00	34.92 1.69 0.00	32.46 1.52 0.00	32.25 1.45 0.00	32.79 1.71 0.00	33.38 1.59 0.00	35.54 1.66 0.00	39.83 2.50 0.00	45.70 2.50 0.00	50.84 3.01 0.00	46.33 2.75 0.00	40.72 2.74 0.00	38.01 2.01 0.00	34.60 1.87 0.00
PPL PILGRIM_ST_GT2 24217	33.67 1.81 0.00	32.40 1.75 0.00	31.04 1.67 0.00	29.93 1.69 0.00	29.90 1.77 0.00	31.91 2.00 0.00	35.18 2.15 0.00	46.27 2.98 -7.42	40.66 2.66 0.00	37.44 2.12 0.00	36.56 1.84 0.00	34.92 1.69 0.00	32.46 1.52 0.00	32.25 1.45 0.00	32.79 1.71 0.00	33.38 1.59 0.00	35.54 1.66 0.00	39.83 2.50 0.00	45.70 2.50 0.00	50.84 3.01 0.00	46.33 2.75 0.00	40.72 2.74 0.00	38.01 2.01 0.00	34.60 1.87 0.00
PPL_SHRM_GT3 24213	33.19 1.34 0.00	32.12 1.47 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.80 1.89 0.00	35.21 2.18 0.00	46.34 3.05 -7.42	40.54 2.55 0.00	37.05 1.73 0.00	36.11 1.39 0.00	34.32 1.09 0.00	31.90 0.96 0.00	31.70 0.89 0.00	32.26 1.18 0.00	32.80 1.02 0.00	34.87 0.98 0.00	39.42 2.09 0.00	44.93 1.73 0.00	50.40 2.58 0.00	45.89 2.31 0.00	40.38 2.39 0.00	37.43 1.44 0.00	34.37 1.64 0.00
PPL_SHRM_GT4 24214	33.19 1.34 0.00	32.12 1.47 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.80 1.89 0.00	35.21 2.18 0.00	46.34 3.05 -7.42	40.54 2.55 0.00	37.05 1.73 0.00	36.11 1.39 0.00	34.32 1.09 0.00	31.90 0.96 0.00	31.70 0.89 0.00	32.26 1.18 0.00	32.80 1.02 0.00	34.87 0.98 0.00	39.42 2.09 0.00	44.93 1.73 0.00	50.40 2.58 0.00	45.89 2.31 0.00	40.38 2.39 0.00	37.43 1.44 0.00	34.37 1.64 0.00
PROJECT___ORANGE 1 24174	31.50 -0.35 0.00	30.25 -0.40 0.00	28.99 -0.38 0.00	27.87 -0.37 0.00	27.76 -0.37 0.00	29.55 -0.36 0.00	32.70 -0.33 0.00	35.48 -0.39 0.00	37.66 -0.34 0.00	34.97 -0.35 0.00	34.44 -0.28 0.00	32.86 -0.37 0.00	30.60 -0.34 0.00	30.46 -0.34 0.00	30.67 -0.40 0.00	31.41 -0.38 0.00	33.51 -0.37 0.00	36.92 -0.41 0.00	42.76 -0.43 0.00	47.39 -0.43 0.00	43.23 -0.35 0.00	37.68 -0.30 0.00	35.74 -0.25 0.00	32.48 -0.26 0.00
PROJECT___ORANGE 2 24166	31.50 -0.35 0.00	30.25 -0.40 0.00	28.99 -0.38 0.00	27.87 -0.37 0.00	27.76 -0.37 0.00	29.55 -0.36 0.00	32.70 -0.33 0.00	35.48 -0.39 0.00	37.66 -0.34 0.00	34.97 -0.35 0.00	34.44 -0.28 0.00	32.86 -0.37 0.00	30.60 -0.34 0.00	30.46 -0.34 0.00	30.67 -0.40 0.00	31.41 -0.38 0.00	33.51 -0.37 0.00	36.92 -0.41 0.00	42.76 -0.43 0.00	47.39 -0.43 0.00	43.23 -0.35 0.00	37.68 -0.30 0.00	35.74 -0.25 0.00	32.48 -0.26 0.00
PUCKETT___SOLAR 323809	31.98 0.13 0.00	30.65 0.00 0.00	29.34 -0.03 0.00	28.21 -0.03 0.00	28.07 -0.06 0.00	29.94 0.03 0.00	33.16 0.13 0.00	35.98 0.11 0.00	38.15 0.15 0.00	35.36 0.04 0.00	34.79 0.07 0.00	33.13 -0.10 0.00	30.79 -0.15 0.00	30.65 -0.15 0.00	30.89 -0.19 0.00	31.72 -0.06 0.00	33.92 0.03 0.00	37.59 0.26 0.00	43.76 0.56 0.00	48.59 0.76 0.00	44.37 0.79 0.00	38.70 0.72 0.00	36.68 0.68 0.00	33.26 0.52 0.00
PYRITES___HYD 24023	32.24 0.38 0.00	31.11 0.46 0.00	29.75 0.38 0.00	28.44 0.20 0.00	28.15 0.03 0.00	29.91 0.00 0.00	33.13 0.10 0.00	35.91 0.04 0.00	38.19 0.19 0.00	35.32 0.00 0.00	34.65 -0.07 0.00	33.16 -0.07 0.00	30.88 -0.06 0.00	30.80 0.00 0.00	31.11 0.03 0.00	31.92 0.13 0.00	34.05 0.17 0.00	37.78 0.45 0.00	43.76 0.56 0.00	48.49 0.67 0.00	44.15 0.57 0.00	38.48 0.49 0.00	36.46 0.47 0.00	33.06 0.33 0.00
QUAKERRD_115KV_BK1 80622	30.01 -1.85 0.00	28.69 -1.96 0.00	27.43 -1.94 0.00	26.37 -1.86 0.00	26.33 -1.80 0.00	28.00 -1.91 0.00	31.15 -1.88 0.00	33.69 -2.19 0.00	36.02 -1.98 0.00	33.38 -1.94 0.00	33.02 -1.70 0.00	31.40 -1.83 0.00	29.18 -1.76 0.00	29.11 -1.69 0.00	29.24 -1.83 0.00	30.01 -1.78 0.00	32.05 -1.83 0.00	35.35 -1.98 0.00	41.12 -2.07 0.00	45.67 -2.15 0.00	41.71 -1.87 0.00	36.43 -1.56 0.00	34.77 -1.22 0.00	31.53 -1.21 0.00
QUEENSBRY_115KV_TB8 356137	33.61 1.75 0.00	32.40 1.75 0.00	31.07 1.70 0.00	29.85 1.61 0.00	29.79 1.66 0.00	31.79 1.88 0.00	35.01 1.98 0.00	38.10 2.22 0.00	40.28 2.28 0.00	37.48 2.15 0.00	36.87 2.15 0.00	35.22 1.99 0.00	32.55 1.61 0.00	32.37 1.57 0.00	32.66 1.58 0.00	33.41 1.62 0.00	35.71 1.83 0.00	39.35 2.02 0.00	45.79 2.59 0.00	50.65 2.82 0.00	46.11 2.53 0.00	40.19 2.20 0.00	38.05 2.05 0.00	34.51 1.77 0.00
RAMAPO___LBMP 323565	32.87 1.02 0.00	31.69 1.04 0.00	30.37 1.00 0.00	29.25 1.02 0.00	29.17 1.04 0.00	31.02 1.11 0.00	34.15 1.12 0.00	37.31 1.44 0.00	39.29 1.29 0.00	36.59 1.27 0.00	35.83 1.11 0.00	34.36 1.13 0.00	32.02 1.08 0.00	31.82 1.02 0.00	32.16 1.09 0.00	32.87 1.08 0.00	35.07 1.19 0.00	38.71 1.38 0.00	44.75 1.56 0.00	49.50 1.67 0.00	45.06 1.48 0.00	39.20 1.22 0.00	36.93 0.94 0.00	33.52 0.79 0.00
RANKINE____ 23646	29.31 -2.55 0.00	27.86 -2.79 0.00	26.55 -2.82 0.00	25.56 -2.68 0.00	25.45 -2.67 0.00	27.07 -2.84 0.00	30.42 -2.61 0.00	32.68 -3.19 0.00	35.19 -2.81 0.00	32.64 -2.68 0.00	32.43 -2.29 0.00	30.70 -2.53 0.00	28.43 -2.51 0.00	28.46 -2.34 0.00	28.44 -2.64 0.00	29.37 -2.42 0.00	31.54 -2.34 0.00	34.83 -2.50 0.00	40.73 -2.46 0.00	45.48 -2.34 0.00	41.75 -1.83 0.00	36.35 -1.63 0.00	35.13 -0.86 0.00	31.98 -0.75 0.00
RAVENSWOOD_GT2_1 24244	33.42 1.56 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.74 1.50 0.00	29.64 1.52 0.00	31.53 1.62 0.00	34.68 1.65 0.00	37.92 2.04 0.00	39.94 1.94 0.00	37.23 1.91 0.00	36.42 1.70 0.00	34.95 1.73 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.76 1.68 0.00	33.47 1.68 0.00	35.68 1.80 0.00	39.42 2.09 0.00	45.61 2.42 0.00	50.41 2.58 0.00	45.85 2.27 0.00	39.85 1.86 0.00	37.54 1.55 0.00	34.05 1.31 0.00

RAVENSWOOD_GT2_2 24245	33.42 1.56 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.74 1.50 0.00	29.64 1.52 0.00	31.53 1.62 0.00	34.68 1.65 0.00	37.92 2.04 0.00	39.94 1.94 0.00	37.23 1.91 0.00	36.42 1.70 0.00	34.95 1.73 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.76 1.68 0.00	33.47 1.68 0.00	35.68 1.80 0.00	39.42 2.09 0.00	45.61 2.42 0.00	50.41 2.58 0.00	45.85 2.27 0.00	39.85 1.86 0.00	37.54 1.55 0.00	34.05 1.31 0.00
RAVENSWOOD_GT2_3 24246	33.45 1.59 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.74 1.50 0.00	29.64 1.52 0.00	31.56 1.65 0.00	34.68 1.65 0.00	37.96 2.08 0.00	39.97 1.98 0.00	37.23 1.91 0.00	36.42 1.70 0.00	34.95 1.73 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.76 1.68 0.00	33.47 1.68 0.00	35.71 1.83 0.00	39.42 2.09 0.00	45.61 2.42 0.00	50.41 2.58 0.00	45.89 2.31 0.00	39.85 1.86 0.00	37.54 1.55 0.00	34.05 1.31 0.00
RAVENSWOOD_GT2_4 24247	33.45 1.59 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.74 1.50 0.00	29.64 1.52 0.00	31.56 1.65 0.00	34.68 1.65 0.00	37.96 2.08 0.00	39.97 1.98 0.00	37.23 1.91 0.00	36.42 1.70 0.00	34.95 1.73 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.76 1.68 0.00	33.47 1.68 0.00	35.71 1.83 0.00	39.42 2.09 0.00	45.61 2.42 0.00	50.41 2.58 0.00	45.89 2.31 0.00	39.85 1.86 0.00	37.54 1.55 0.00	34.05 1.31 0.00
RAVENSWOOD_GT3_1 24248	33.42 1.56 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.74 1.50 0.00	29.64 1.52 0.00	31.53 1.62 0.00	34.68 1.65 0.00	37.92 2.04 0.00	39.94 1.94 0.00	37.23 1.91 0.00	36.42 1.70 0.00	34.95 1.73 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.76 1.68 0.00	33.47 1.68 0.00	35.68 1.80 0.00	39.42 2.09 0.00	45.61 2.42 0.00	50.41 2.58 0.00	45.85 2.27 0.00	39.85 1.86 0.00	37.54 1.55 0.00	34.05 1.31 0.00
RAVENSWOOD_GT3_2 24249	33.42 1.56 0.00	32.21 1.56 0.00	30.84 1.47 0.00	29.74 1.50 0.00	29.64 1.52 0.00	31.53 1.62 0.00	34.68 1.65 0.00	37.92 2.04 0.00	39.94 1.94 0.00	37.23 1.91 0.00	36.42 1.70 0.00	34.95 1.73 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.76 1.68 0.00	33.47 1.68 0.00	35.68 1.80 0.00	39.42 2.09 0.00	45.61 2.42 0.00	50.41 2.58 0.00	45.85 2.27 0.00	39.85 1.86 0.00	37.54 1.55 0.00	34.05 1.31 0.00
RAVENSWOOD_GT3_3 24250	33.48 1.62 0.00	32.24 1.59 0.00	30.87 1.50 0.00	29.76 1.52 0.00	29.67 1.55 0.00	31.56 1.65 0.00	34.72 1.68 0.00	37.96 2.08 0.00	39.97 1.98 0.00	37.26 1.94 0.00	36.45 1.74 0.00	34.99 1.76 0.00	32.61 1.67 0.00	32.40 1.60 0.00	32.79 1.71 0.00	33.50 1.72 0.00	35.75 1.86 0.00	39.46 2.13 0.00	45.66 2.46 0.00	50.45 2.63 0.00	45.94 2.35 0.00	39.88 1.90 0.00	37.58 1.58 0.00	34.08 1.34 0.00
RAVENSWOOD_GT3_4 24251	33.48 1.62 0.00	32.24 1.59 0.00	30.87 1.50 0.00	29.76 1.52 0.00	29.67 1.55 0.00	31.56 1.65 0.00	34.72 1.68 0.00	37.96 2.08 0.00	39.97 1.98 0.00	37.26 1.94 0.00	36.45 1.74 0.00	34.99 1.76 0.00	32.61 1.67 0.00	32.40 1.60 0.00	32.79 1.71 0.00	33.50 1.72 0.00	35.75 1.86 0.00	39.46 2.13 0.00	45.66 2.46 0.00	50.45 2.63 0.00	45.94 2.35 0.00	39.88 1.90 0.00	37.58 1.58 0.00	34.08 1.34 0.00
RAVENSWOOD_GT_1 23729	36.05 1.75 -2.45	34.97 1.75 -2.57	33.90 1.62 -2.91	33.28 1.64 -3.41	33.16 1.66 -3.38	34.91 1.76 -3.24	37.06 1.82 -2.21	40.30 2.22 -2.20	42.09 2.17 -1.93	42.19 2.08 -4.78	39.21 1.91 -2.58	40.68 1.89 -5.56	38.61 1.79 -5.87	38.46 1.72 -5.93	38.72 1.83 -5.81	39.55 1.84 -5.92	41.59 2.00 -5.71	51.88 2.28 -12.28	52.95 2.63 -7.12	54.25 2.82 -3.60	53.95 2.53 -7.84	44.11 2.05 -4.07	40.32 1.73 -2.59	37.19 1.47 -2.98
RAVENSWOOD_GT_10 24258	33.41 1.56 0.00	32.21 1.56 0.00	30.82 1.47 0.02	29.78 1.50 -0.05	29.72 1.52 -0.07	31.46 1.62 0.07	34.68 1.65 0.00	37.88 2.04 0.04	39.90 1.94 0.04	36.99 1.91 0.24	36.37 1.70 0.05	34.64 1.69 0.28	32.26 1.61 0.29	32.05 1.54 0.30	32.46 1.68 0.29	33.14 1.65 0.30	35.39 1.80 0.29	38.52 2.09 0.90	45.13 2.38 0.44	50.23 2.58 0.18	45.44 2.27 0.41	39.64 1.86 0.20	37.45 1.51 0.05	33.95 1.28 0.06
RAVENSWOOD_GT_11 24259	33.41 1.56 0.00	32.21 1.56 0.00	30.82 1.47 0.02	29.78 1.50 -0.05	29.72 1.52 -0.07	31.46 1.62 0.07	34.68 1.65 0.00	37.88 2.04 0.04	39.90 1.94 0.04	36.99 1.91 0.24	36.37 1.70 0.05	34.64 1.69 0.28	32.26 1.61 0.29	32.05 1.54 0.30	32.46 1.68 0.29	33.14 1.65 0.30	35.39 1.80 0.29	38.52 2.09 0.90	45.13 2.38 0.44	50.23 2.58 0.18	45.44 2.27 0.41	39.64 1.86 0.20	37.45 1.51 0.05	33.95 1.28 0.06
RAVENSWOOD_GT_4 24252	35.17 1.53 -1.79	34.13 1.53 -1.94	32.69 1.44 -1.88	32.12 1.47 -2.42	32.19 1.49 -2.57	32.96 1.59 -1.46	36.33 1.62 -1.68	38.88 2.01 -0.99	40.76 1.90 -0.87	37.19 1.87 0.01	37.55 1.67 -1.16	34.91 1.69 0.01	32.56 1.61 -0.01	32.35 1.54 -0.01	32.73 1.65 -0.01	33.45 1.65 -0.01	35.64 1.76 0.01	35.04 2.05 4.34	44.27 2.38 1.30	50.35 2.53 0.01	45.54 2.22 0.27	39.81 1.82 -0.01	38.68 1.51 -1.17	35.36 1.28 -1.35
RAVENSWOOD_GT_5 24254	35.17 1.53 -1.79	34.13 1.53 -1.94	32.69 1.44 -1.88	32.12 1.47 -2.42	32.19 1.49 -2.57	32.96 1.59 -1.46	36.33 1.62 -1.68	38.88 2.01 -0.99	40.76 1.90 -0.87	37.19 1.87 0.01	37.55 1.67 -1.16	34.91 1.69 0.01	32.56 1.61 -0.01	32.35 1.54 -0.01	32.73 1.65 -0.01	33.45 1.65 -0.01	35.64 1.76 0.01	35.04 2.05 4.34	44.27 2.38 1.30	50.35 2.53 0.01	45.54 2.22 0.27	39.81 1.82 -0.01	38.68 1.51 -1.17	35.36 1.28 -1.35
RAVENSWOOD_GT_6 24253	35.17 1.53 -1.79	34.13 1.53 -1.94	32.69 1.44 -1.88	32.12 1.47 -2.42	32.19 1.49 -2.57	32.96 1.59 -1.46	36.33 1.62 -1.68	38.88 2.01 -0.99	40.76 1.90 -0.87	37.19 1.87 0.01	37.55 1.67 -1.16	34.91 1.69 0.01	32.56 1.61 -0.01	32.35 1.54 -0.01	32.73 1.65 -0.01	33.45 1.65 -0.01	35.64 1.76 0.01	35.04 2.05 4.34	44.27 2.38 1.30	50.35 2.53 0.01	45.54 2.22 0.27	39.81 1.82 -0.01	38.68 1.51 -1.17	35.36 1.28 -1.35
RAVENSWOOD_GT_7 24255	35.17 1.53 -1.79	34.13 1.53 -1.94	32.69 1.44 -1.88	32.12 1.47 -2.42	32.19 1.49 -2.57	32.96 1.59 -1.46	36.33 1.62 -1.68	38.88 2.01 -0.99	40.76 1.90 -0.87	37.19 1.87 0.01	37.55 1.67 -1.16	34.91 1.69 0.01	32.56 1.61 -0.01	32.35 1.54 -0.01	32.73 1.65 -0.01	33.45 1.65 -0.01	35.64 1.76 0.01	35.04 2.05 4.34	44.27 2.38 1.30	50.35 2.53 0.01	45.54 2.22 0.27	39.81 1.82 -0.01	38.68 1.51 -1.17	35.36 1.28 -1.35
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.41 1.56 0.00	32.21 1.56 0.00	30.82 1.47 0.02	29.78 1.50 -0.05	29.72 1.52 -0.07	31.46 1.62 0.07	34.68 1.65 0.00	37.88 2.04 0.04	39.90 1.94 0.04	36.99 1.91 0.24	36.37 1.70 0.05	34.64 1.69 0.28	32.26 1.61 0.29	32.05 1.54 0.30	32.46 1.68 0.29	33.14 1.65 0.30	35.39 1.80 0.29	38.52 2.09 0.90	45.13 2.38 0.44	50.23 2.58 0.18	45.44 2.27 0.41	39.64 1.86 0.20	37.45 1.51 0.05	33.95 1.28 0.06

RAVENSWOOD_GT_9 24257	33.41 1.56 0.00	32.21 1.56 0.00	30.82 1.47 0.02	29.78 1.50 -0.05	29.72 1.52 -0.07	31.46 1.62 0.07	34.68 1.65 0.00	37.88 2.04 0.04	39.90 1.94 0.04	36.99 1.91 0.24	36.37 1.70 0.05	34.64 1.69 0.28	32.26 1.61 0.29	32.05 1.54 0.30	32.46 1.68 0.29	33.14 1.65 0.30	35.39 1.80 0.29	38.52 2.09 0.90	45.13 2.38 0.44	50.23 2.58 0.18	45.44 2.27 0.41	39.64 1.86 0.20	37.45 1.51 0.05	33.95 1.28 0.06
RAVENSWOOD___1 23533	33.59 1.69 -0.05	32.37 1.72 -0.01	31.21 1.61 -0.22	30.57 1.61 -0.72	30.53 1.69 -0.72	32.30 1.73 -0.65	34.81 1.78 0.00	38.55 2.23 -0.45	40.51 2.13 -0.39	39.79 2.08 -2.38	37.11 1.87 -0.52	37.85 1.86 -2.77	35.62 1.76 -2.92	35.44 1.69 -2.94	35.79 1.83 -2.88	36.54 1.81 -2.94	38.65 1.93 -2.84	48.51 2.24 -8.94	50.09 2.50 -4.39	52.39 2.77 -1.80	50.14 2.48 -4.07	42.06 2.05 -2.02	38.25 1.73 -0.52	34.81 1.47 -0.60
RAVENSWOOD___2 23534	33.59 1.69 -0.05	32.37 1.72 -0.01	31.21 1.61 -0.22	30.57 1.61 -0.72	30.54 1.69 -0.72	32.29 1.73 -0.65	34.81 1.78 0.00	38.51 2.19 -0.44	40.51 2.13 -0.39	39.74 2.05 -2.37	37.11 1.87 -0.52	37.81 1.83 -2.76	35.61 1.76 -2.91	35.43 1.69 -2.93	35.75 1.80 -2.87	36.53 1.81 -2.93	38.64 1.93 -2.83	48.47 2.24 -8.91	50.08 2.50 -4.38	52.39 2.77 -1.79	50.12 2.48 -4.06	42.01 2.01 -2.01	38.24 1.73 -0.52	34.81 1.47 -0.60
RAVENSWOOD___3 23535	33.38 1.53 0.00	32.21 1.56 0.00	30.87 1.50 0.00	29.71 1.47 0.00	29.67 1.55 0.00	31.52 1.61 0.00	34.65 1.62 0.00	37.92 2.04 0.00	39.93 1.94 0.00	37.23 1.91 0.00	36.42 1.70 0.00	34.92 1.69 0.00	32.55 1.61 0.00	32.34 1.54 0.00	32.75 1.68 0.00	33.44 1.65 0.00	35.64 1.76 0.00	39.42 2.09 0.00	45.53 2.33 0.00	50.40 2.58 0.00	45.85 2.26 0.00	39.85 1.86 0.00	37.54 1.55 0.00	34.05 1.31 0.00
RAVENSWOOD___4 23820	31.23 1.69 2.31	29.85 1.72 2.51	28.56 1.61 2.43	27.92 1.61 1.93	27.92 1.69 1.90	29.75 1.73 1.89	32.64 1.78 2.18	36.78 2.19 1.28	39.00 2.13 1.12	37.38 2.05 -0.01	35.09 1.87 1.51	35.06 1.83 -0.01	32.69 1.76 0.01	32.49 1.69 0.01	32.87 1.80 0.01	33.56 1.78 0.01	35.82 1.93 -0.01	45.19 2.24 -5.62	47.38 2.50 -1.68	50.60 2.77 -0.01	46.36 2.44 -0.34	39.99 2.01 0.01	36.17 1.69 1.52	32.44 1.44 1.74
RCPL_TRUST___DRP 24196	33.51 1.66 0.00	32.31 1.66 0.00	30.90 1.53 0.00	29.79 1.55 0.00	29.73 1.60 0.00	31.61 1.70 0.00	34.78 1.75 0.00	38.06 2.19 0.00	40.09 2.09 0.00	37.41 2.08 0.00	36.56 1.84 0.00	35.09 1.86 0.00	32.70 1.76 0.00	32.50 1.69 0.00	32.88 1.80 0.00	33.60 1.81 0.00	35.85 1.97 0.00	39.68 2.35 0.00	45.92 2.72 0.00	50.65 2.82 0.00	46.07 2.48 0.00	39.96 1.98 0.00	37.65 1.66 0.00	34.11 1.37 0.00
RED___ROCHESTER 323720	30.68 -1.18 0.00	29.15 -1.50 0.00	27.93 -1.44 0.00	26.83 -1.41 0.00	26.63 -1.49 0.00	28.47 -1.44 0.00	31.71 -1.32 0.00	34.23 -1.65 0.00	36.71 -1.29 0.00	33.98 -1.34 0.00	33.68 -1.04 0.00	32.03 -1.19 0.00	29.73 -1.21 0.00	29.70 -1.11 0.00	29.80 -1.28 0.00	30.64 -1.14 0.00	32.73 -1.15 0.00	36.13 -1.20 0.00	42.25 -0.95 0.00	46.73 -1.10 0.00	42.75 -0.83 0.00	37.30 -0.68 0.00	35.70 -0.29 0.00	32.31 -0.43 0.00
REGAN___SOLAR 323812	34.02 2.17 0.00	32.76 2.11 0.00	31.37 2.00 0.00	30.16 1.92 0.00	30.09 1.97 0.00	32.12 2.21 0.00	35.44 2.41 0.00	38.39 2.51 0.00	40.58 2.59 0.00	37.58 2.26 0.00	36.94 2.22 0.00	35.19 1.96 0.00	32.64 1.70 0.00	32.47 1.66 0.00	32.75 1.68 0.00	33.63 1.84 0.00	36.02 2.14 0.00	39.87 2.54 0.00	46.57 3.37 0.00	51.60 3.78 0.00	46.94 3.36 0.00	41.02 3.04 0.00	38.73 2.73 0.00	35.10 2.36 0.00
RENSSELAER___COGEN 23796	32.46 0.60 0.00	31.36 0.71 0.00	30.11 0.73 0.00	29.00 0.76 0.00	28.94 0.82 0.00	30.75 0.84 0.00	33.86 0.83 0.00	36.48 0.61 0.00	38.34 0.34 0.00	35.71 0.39 0.00	35.07 0.35 0.00	33.69 0.46 0.00	31.40 0.46 0.00	31.27 0.46 0.00	31.54 0.47 0.00	32.23 0.44 0.00	34.36 0.47 0.00	37.67 0.34 0.00	43.67 0.48 0.00	48.25 0.43 0.00	43.97 0.39 0.00	38.33 0.34 0.00	36.28 0.29 0.00	33.03 0.29 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.31 2.45 0.00	33.10 2.45 0.00	31.72 2.35 0.00	30.47 2.23 0.00	30.43 2.31 0.00	32.51 2.60 0.00	35.77 2.74 0.00	38.92 3.05 0.00	41.15 3.15 0.00	38.25 2.93 0.00	37.67 2.95 0.00	35.85 2.62 0.00	33.07 2.13 0.00	32.84 2.03 0.00	33.16 2.08 0.00	33.98 2.19 0.00	36.39 2.51 0.00	40.17 2.84 0.00	46.95 3.76 0.00	52.03 4.21 0.00	47.29 3.70 0.00	41.25 3.27 0.00	38.98 2.99 0.00	35.26 2.52 0.00
REVERE_CPPR_DRP 24186	32.62 0.76 0.00	31.36 0.70 0.00	30.08 0.70 0.00	28.94 0.71 0.00	28.74 0.62 0.00	30.66 0.75 0.00	33.89 0.86 0.00	36.77 0.90 0.00	39.02 1.03 0.00	36.13 0.81 0.00	35.52 0.80 0.00	33.89 0.66 0.00	31.50 0.56 0.00	31.30 0.49 0.00	31.57 0.50 0.00	32.46 0.67 0.00	34.63 0.75 0.00	38.34 1.01 0.00	44.49 1.30 0.00	49.31 1.48 0.00	44.93 1.35 0.00	39.24 1.25 0.00	37.15 1.15 0.00	33.59 0.85 0.00
REYNOLDS_115KV_TB3 80639	32.65 0.80 0.00	31.51 0.86 0.00	30.25 0.88 0.00	29.14 0.90 0.00	29.05 0.93 0.00	30.90 0.99 0.00	34.02 0.99 0.00	36.81 0.93 0.00	38.64 0.65 0.00	35.99 0.67 0.00	35.34 0.62 0.00	33.96 0.73 0.00	31.65 0.71 0.00	31.51 0.71 0.00	31.79 0.71 0.00	32.49 0.70 0.00	34.63 0.75 0.00	37.96 0.63 0.00	44.02 0.82 0.00	48.64 0.81 0.00	44.32 0.74 0.00	38.59 0.61 0.00	36.61 0.61 0.00	33.29 0.56 0.00
RIVERBAY____ 323610	33.58 1.72 -0.01	32.38 1.72 -0.01	30.97 1.59 -0.01	29.86 1.61 -0.01	29.77 1.63 -0.01	31.68 1.76 -0.01	34.81 1.78 0.00	38.02 2.15 0.01	40.04 2.05 0.01	37.29 1.98 0.01	36.48 1.77 0.01	34.98 1.76 0.01	32.60 1.67 0.01	32.43 1.63 0.01	32.81 1.74 0.01	33.53 1.75 0.01	35.77 1.90 0.01	39.52 2.20 0.01	45.74 2.55 0.01	50.54 2.73 0.01	46.01 2.44 0.01	39.95 1.98 0.01	37.68 1.69 0.01	34.22 1.47 -0.01
RIVERSDE_115KV_TB3 55908	32.59 0.73 0.00	31.45 0.80 0.00	30.22 0.85 0.00	29.11 0.88 0.00	29.03 0.90 0.00	30.84 0.93 0.00	33.96 0.92 0.00	36.66 0.79 0.00	38.49 0.49 0.00	35.85 0.53 0.00	35.24 0.52 0.00	33.86 0.63 0.00	31.56 0.62 0.00	31.42 0.62 0.00	31.70 0.62 0.00	32.39 0.60 0.00	34.53 0.64 0.00	37.85 0.52 0.00	43.89 0.69 0.00	48.49 0.67 0.00	44.15 0.57 0.00	38.48 0.49 0.00	36.46 0.47 0.00	33.20 0.46 0.00
ROARING___BROOK_WT_PWR 323790	31.51 -0.35 0.00	30.34 -0.31 0.00	29.11 -0.26 0.00	28.01 -0.23 0.00	27.90 -0.23 0.00	29.64 -0.27 0.00	32.73 -0.30 0.00	35.59 -0.29 0.00	37.73 -0.26 0.00	35.11 -0.21 0.00	34.51 -0.21 0.00	33.06 -0.17 0.00	30.82 -0.12 0.00	30.68 -0.12 0.00	30.98 -0.09 0.00	31.72 -0.06 0.00	33.81 -0.07 0.00	37.29 -0.04 0.00	43.15 -0.04 0.00	47.78 -0.05 0.00	43.54 -0.04 0.00	37.95 -0.04 0.00	35.96 -0.04 0.00	32.70 -0.03 0.00

ROCHESRG_115KV_T4 355643	30.26 -1.59 0.00	28.87 -1.78 0.00	27.61 -1.76 0.00	26.57 -1.67 0.00	26.49 -1.63 0.00	28.18 -1.73 0.00	31.41 -1.62 0.00	33.90 -1.97 0.00	36.33 -1.67 0.00	33.66 -1.66 0.00	33.33 -1.39 0.00	31.66 -1.56 0.00	29.42 -1.52 0.00	29.36 -1.45 0.00	29.46 -1.62 0.00	30.26 -1.53 0.00	32.36 -1.52 0.00	35.69 -1.64 0.00	41.51 -1.68 0.00	46.15 -1.67 0.00	42.19 -1.39 0.00	36.81 -1.18 0.00	35.27 -0.72 0.00	31.98 -0.75 0.00
ROCHESTER_9_IC 23652	30.42 -1.43 0.00	29.03 -1.62 0.00	27.76 -1.62 0.00	26.69 -1.55 0.00	26.64 -1.49 0.00	28.29 -1.62 0.00	31.58 -1.45 0.00	34.08 -1.79 0.00	36.55 -1.44 0.00	33.84 -1.48 0.00	33.50 -1.22 0.00	31.83 -1.40 0.00	29.58 -1.36 0.00	29.54 -1.26 0.00	29.62 -1.46 0.00	30.45 -1.34 0.00	32.53 -1.36 0.00	35.91 -1.42 0.00	41.81 -1.38 0.00	46.44 -1.39 0.00	42.45 -1.13 0.00	37.07 -0.91 0.00	35.49 -0.50 0.00	32.15 -0.59 0.00
ROCKVIEW_13_KV_LD 356306	33.38 1.53 0.00	32.15 1.50 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.59 1.46 0.00	31.50 1.59 0.00	34.65 1.62 0.00	37.96 2.08 0.00	39.97 1.98 0.00	37.19 1.87 0.00	36.39 1.67 0.00	34.92 1.69 0.00	32.55 1.61 0.00	32.34 1.54 0.00	32.72 1.65 0.00	33.44 1.65 0.00	35.64 1.76 0.00	39.42 2.09 0.00	45.61 2.42 0.00	50.45 2.63 0.00	45.89 2.31 0.00	39.88 1.90 0.00	37.58 1.58 0.00	34.01 1.28 0.00
ROME____115KV_TB2 80656	32.62 0.76 0.00	31.36 0.70 0.00	30.08 0.70 0.00	28.94 0.71 0.00	28.74 0.62 0.00	30.66 0.75 0.00	33.89 0.86 0.00	36.77 0.90 0.00	39.02 1.03 0.00	36.13 0.81 0.00	35.52 0.80 0.00	33.89 0.66 0.00	31.50 0.56 0.00	31.30 0.49 0.00	31.57 0.50 0.00	32.46 0.67 0.00	34.63 0.75 0.00	38.34 1.01 0.00	44.49 1.30 0.00	49.31 1.48 0.00	44.93 1.35 0.00	39.24 1.25 0.00	37.15 1.15 0.00	33.59 0.85 0.00
ROSETON___1 23587	32.94 1.08 0.00	31.75 1.10 0.00	30.43 1.06 0.00	29.31 1.07 0.00	29.28 1.15 0.00	31.11 1.20 0.00	34.25 1.22 0.00	37.38 1.51 0.00	39.36 1.37 0.00	36.63 1.31 0.00	35.86 1.14 0.00	34.39 1.16 0.00	32.05 1.11 0.00	31.85 1.05 0.00	32.23 1.15 0.00	32.90 1.11 0.00	35.10 1.22 0.00	38.75 1.42 0.00	44.80 1.60 0.00	49.59 1.77 0.00	45.15 1.57 0.00	39.28 1.29 0.00	37.04 1.04 0.00	33.62 0.88 0.00
ROSETON___2 23588	32.94 1.08 0.00	31.75 1.10 0.00	30.43 1.06 0.00	29.31 1.07 0.00	29.28 1.15 0.00	31.11 1.20 0.00	34.25 1.22 0.00	37.38 1.51 0.00	39.36 1.37 0.00	36.63 1.31 0.00	35.86 1.14 0.00	34.39 1.16 0.00	32.05 1.11 0.00	31.85 1.05 0.00	32.23 1.15 0.00	32.90 1.11 0.00	35.10 1.22 0.00	38.75 1.42 0.00	44.80 1.60 0.00	49.59 1.77 0.00	45.15 1.57 0.00	39.28 1.29 0.00	37.04 1.04 0.00	33.62 0.88 0.00
ROTRDAM_115KV_TB3 80664	32.71 0.86 0.00	31.51 0.86 0.00	30.19 0.82 0.00	29.06 0.82 0.00	28.97 0.84 0.00	30.84 0.93 0.00	33.99 0.96 0.00	36.95 1.08 0.00	38.99 0.99 0.00	36.24 0.92 0.00	35.62 0.90 0.00	34.09 0.86 0.00	31.71 0.77 0.00	31.54 0.74 0.00	31.85 0.78 0.00	32.58 0.79 0.00	34.76 0.88 0.00	38.30 0.97 0.00	44.45 1.25 0.00	49.16 1.34 0.00	44.76 1.18 0.00	39.01 1.03 0.00	36.97 0.97 0.00	33.56 0.82 0.00
RUSSELL___1 23602	30.55 -1.31 0.00	29.15 -1.50 0.00	27.87 -1.50 0.00	26.80 -1.44 0.00	26.75 -1.38 0.00	28.41 -1.50 0.00	31.71 -1.32 0.00	34.26 -1.61 0.00	36.71 -1.29 0.00	33.98 -1.34 0.00	33.71 -1.01 0.00	32.00 -1.23 0.00	29.73 -1.21 0.00	29.66 -1.14 0.00	29.77 -1.31 0.00	30.58 -1.21 0.00	32.70 -1.19 0.00	36.10 -1.23 0.00	42.03 -1.17 0.00	46.68 -1.15 0.00	42.71 -0.87 0.00	37.26 -0.72 0.00	35.67 -0.32 0.00	32.31 -0.43 0.00
RUSSELL___2 23532	30.55 -1.31 0.00	29.15 -1.50 0.00	27.87 -1.50 0.00	26.80 -1.44 0.00	26.75 -1.38 0.00	28.41 -1.50 0.00	31.71 -1.32 0.00	34.26 -1.61 0.00	36.71 -1.29 0.00	33.98 -1.34 0.00	33.71 -1.01 0.00	32.00 -1.23 0.00	29.73 -1.21 0.00	29.66 -1.14 0.00	29.77 -1.31 0.00	30.58 -1.21 0.00	32.70 -1.19 0.00	36.10 -1.23 0.00	42.03 -1.17 0.00	46.68 -1.15 0.00	42.71 -0.87 0.00	37.26 -0.72 0.00	35.67 -0.32 0.00	32.31 -0.43 0.00
RUSSELL___3 23549	30.55 -1.31 0.00	29.15 -1.50 0.00	27.87 -1.50 0.00	26.80 -1.44 0.00	26.75 -1.38 0.00	28.41 -1.50 0.00	31.71 -1.32 0.00	34.26 -1.61 0.00	36.71 -1.29 0.00	33.98 -1.34 0.00	33.71 -1.01 0.00	32.00 -1.23 0.00	29.73 -1.21 0.00	29.66 -1.14 0.00	29.77 -1.31 0.00	30.58 -1.21 0.00	32.70 -1.19 0.00	36.10 -1.23 0.00	42.03 -1.17 0.00	46.68 -1.15 0.00	42.71 -0.87 0.00	37.26 -0.72 0.00	35.67 -0.32 0.00	32.31 -0.43 0.00
RUSSELL___4 23556	30.55 -1.31 0.00	29.15 -1.50 0.00	27.87 -1.50 0.00	26.80 -1.44 0.00	26.75 -1.38 0.00	28.41 -1.50 0.00	31.71 -1.32 0.00	34.26 -1.61 0.00	36.71 -1.29 0.00	33.98 -1.34 0.00	33.71 -1.01 0.00	32.00 -1.23 0.00	29.73 -1.21 0.00	29.66 -1.14 0.00	29.77 -1.31 0.00	30.58 -1.21 0.00	32.70 -1.19 0.00	36.10 -1.23 0.00	42.03 -1.17 0.00	46.68 -1.15 0.00	42.71 -0.87 0.00	37.26 -0.72 0.00	35.67 -0.32 0.00	32.31 -0.43 0.00
RUSSELL___STATION 23914	30.55 -1.31 0.00	29.15 -1.50 0.00	27.87 -1.50 0.00	26.80 -1.44 0.00	26.75 -1.38 0.00	28.41 -1.50 0.00	31.71 -1.32 0.00	34.26 -1.61 0.00	36.71 -1.29 0.00	33.98 -1.34 0.00	33.71 -1.01 0.00	32.00 -1.23 0.00	29.73 -1.21 0.00	29.66 -1.14 0.00	29.77 -1.31 0.00	30.58 -1.21 0.00	32.70 -1.19 0.00	36.10 -1.23 0.00	42.03 -1.17 0.00	46.68 -1.15 0.00	42.71 -0.87 0.00	37.26 -0.72 0.00	35.67 -0.32 0.00	32.31 -0.43 0.00
S SALMON___HYD 24043	31.34 -0.51 0.00	30.10 -0.55 0.00	28.87 -0.50 0.00	27.76 -0.48 0.00	27.56 -0.56 0.00	29.40 -0.51 0.00	32.54 -0.49 0.00	35.27 -0.61 0.00	37.39 -0.61 0.00	34.65 -0.67 0.00	34.06 -0.66 0.00	32.50 -0.73 0.00	30.23 -0.71 0.00	30.10 -0.71 0.00	30.33 -0.75 0.00	31.12 -0.67 0.00	33.20 -0.68 0.00	36.70 -0.63 0.00	42.63 -0.56 0.00	47.30 -0.53 0.00	43.10 -0.48 0.00	37.60 -0.38 0.00	35.60 -0.40 0.00	32.28 -0.46 0.00
S.PERRY__115KV_TB1 80734	30.74 -1.11 0.00	29.27 -1.38 0.00	27.96 -1.41 0.00	26.88 -1.36 0.00	26.80 -1.32 0.00	28.56 -1.35 0.00	31.88 -1.16 0.00	34.37 -1.51 0.00	36.67 -1.33 0.00	33.80 -1.52 0.00	33.33 -1.39 0.00	31.53 -1.69 0.00	29.24 -1.70 0.00	29.17 -1.63 0.00	29.27 -1.80 0.00	30.17 -1.62 0.00	32.36 -1.52 0.00	36.21 -1.12 0.00	42.68 -0.52 0.00	47.92 0.10 0.00	43.97 0.39 0.00	38.44 0.46 0.00	36.68 0.68 0.00	33.13 0.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.08 -2.77 0.00	27.65 -3.00 0.00	26.35 -3.03 0.00	25.36 -2.88 0.00	25.29 -2.84 0.00	26.89 -3.02 0.00	30.19 -2.84 0.00	32.43 -3.44 0.00	34.96 -3.04 0.00	32.35 -2.97 0.00	32.15 -2.57 0.00	30.47 -2.76 0.00	28.25 -2.69 0.00	28.25 -2.56 0.00	28.25 -2.83 0.00	29.15 -2.64 0.00	31.27 -2.61 0.00	34.49 -2.84 0.00	40.30 -2.89 0.00	44.95 -2.87 0.00	41.23 -2.35 0.00	35.93 -2.05 0.00	34.77 -1.22 0.00	31.62 -1.11 0.00

SAWYER___23_KV_LOAD 55526	29.08 -2.77 0.00	27.65 -3.00 0.00	26.35 -3.03 0.00	25.36 -2.88 0.00	25.29 -2.84 0.00	26.89 -3.02 0.00	30.19 -2.84 0.00	32.43 -3.44 0.00	34.96 -3.04 0.00	32.35 -2.97 0.00	32.15 -2.57 0.00	30.47 -2.76 0.00	28.25 -2.69 0.00	28.25 -2.56 0.00	28.25 -2.83 0.00	29.15 -2.64 0.00	31.27 -2.61 0.00	34.49 -2.84 0.00	40.30 -2.89 0.00	44.95 -2.87 0.00	41.23 -2.35 0.00	35.93 -2.05 0.00	34.77 -1.22 0.00	31.62 -1.11 0.00
SELKIRK___I 23801	32.65 0.80 0.00	31.48 0.83 0.00	30.22 0.85 0.00	29.11 0.88 0.00	29.03 0.90 0.00	30.87 0.96 0.00	33.99 0.96 0.00	36.73 0.86 0.00	38.64 0.65 0.00	35.96 0.64 0.00	35.27 0.55 0.00	33.86 0.63 0.00	31.53 0.59 0.00	31.39 0.58 0.00	31.67 0.59 0.00	32.39 0.60 0.00	34.56 0.68 0.00	37.96 0.63 0.00	44.01 0.82 0.00	48.73 0.91 0.00	44.37 0.79 0.00	38.70 0.72 0.00	36.68 0.68 0.00	33.36 0.62 0.00
SELKIRK___II 23799	32.49 0.64 0.00	31.36 0.71 0.00	30.07 0.70 0.00	28.97 0.73 0.00	28.91 0.79 0.00	30.72 0.81 0.00	33.82 0.79 0.00	36.59 0.72 0.00	38.49 0.49 0.00	35.82 0.49 0.00	35.17 0.45 0.00	33.76 0.53 0.00	31.47 0.53 0.00	31.33 0.52 0.00	31.61 0.53 0.00	32.30 0.51 0.00	34.42 0.54 0.00	37.81 0.48 0.00	43.84 0.65 0.00	48.49 0.67 0.00	44.15 0.57 0.00	38.48 0.49 0.00	36.46 0.47 0.00	33.16 0.42 0.00
SENECA OSWGO___HYD 24041	31.25 -0.61 0.00	29.98 -0.67 0.00	28.75 -0.62 0.00	27.64 -0.59 0.00	27.51 -0.62 0.00	29.31 -0.60 0.00	32.40 -0.63 0.00	35.16 -0.72 0.00	37.31 -0.68 0.00	34.65 -0.67 0.00	34.09 -0.62 0.00	32.56 -0.66 0.00	30.29 -0.65 0.00	30.15 -0.65 0.00	30.39 -0.68 0.00	31.09 -0.70 0.00	33.14 -0.75 0.00	36.51 -0.82 0.00	42.33 -0.86 0.00	46.87 -0.96 0.00	42.75 -0.83 0.00	37.26 -0.72 0.00	35.31 -0.68 0.00	32.11 -0.62 0.00
SENECA___115KV_TB3 355854	29.34 -2.52 0.00	27.89 -2.76 0.00	26.58 -2.79 0.00	25.58 -2.65 0.00	25.48 -2.64 0.00	27.10 -2.81 0.00	30.45 -2.58 0.00	32.75 -3.12 0.00	35.26 -2.74 0.00	32.67 -2.65 0.00	32.46 -2.26 0.00	30.77 -2.46 0.00	28.50 -2.44 0.00	28.49 -2.31 0.00	28.50 -2.58 0.00	29.40 -2.38 0.00	31.58 -2.30 0.00	34.87 -2.46 0.00	40.82 -2.38 0.00	45.53 -2.30 0.00	41.79 -1.79 0.00	36.43 -1.56 0.00	35.20 -0.79 0.00	32.05 -0.69 0.00
SENECA___ENERGY 23797	31.12 -0.73 0.00	29.79 -0.86 0.00	28.55 -0.82 0.00	27.42 -0.82 0.00	27.28 -0.84 0.00	29.10 -0.81 0.00	32.27 -0.76 0.00	34.98 -0.90 0.00	37.24 -0.76 0.00	34.51 -0.81 0.00	33.99 -0.73 0.00	32.40 -0.83 0.00	30.11 -0.83 0.00	30.00 -0.80 0.00	30.17 -0.90 0.00	30.99 -0.79 0.00	33.10 -0.78 0.00	36.62 -0.71 0.00	42.63 -0.56 0.00	47.35 -0.48 0.00	43.19 -0.39 0.00	37.68 -0.31 0.00	35.74 -0.25 0.00	32.44 -0.30 0.00
SHOEMAKER___GT 23640	32.75 0.89 0.00	31.54 0.89 0.00	30.22 0.85 0.00	29.08 0.85 0.00	29.05 0.93 0.00	30.87 0.96 0.00	33.99 0.96 0.00	37.06 1.18 0.00	39.06 1.06 0.00	36.31 0.99 0.00	35.59 0.87 0.00	34.09 0.86 0.00	31.74 0.80 0.00	31.57 0.77 0.00	31.92 0.84 0.00	32.61 0.83 0.00	34.80 0.92 0.00	38.45 1.12 0.00	44.49 1.29 0.00	49.26 1.43 0.00	44.85 1.26 0.00	39.05 1.06 0.00	36.86 0.86 0.00	33.46 0.72 0.00
SHOEMAKR_138KV_BK 111 55601	32.75 0.89 0.00	31.54 0.89 0.00	30.22 0.85 0.00	29.09 0.85 0.00	29.03 0.90 0.00	30.87 0.96 0.00	34.02 0.99 0.00	37.06 1.18 0.00	39.06 1.06 0.00	36.31 0.99 0.00	35.59 0.87 0.00	34.12 0.90 0.00	31.78 0.84 0.00	31.57 0.77 0.00	31.95 0.87 0.00	32.65 0.86 0.00	34.83 0.95 0.00	38.45 1.12 0.00	44.54 1.34 0.00	49.26 1.43 0.00	44.85 1.26 0.00	39.05 1.06 0.00	36.82 0.83 0.00	33.46 0.72 0.00
SHOREHAM_IC_1 23715	33.19 1.34 0.00	32.12 1.47 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.80 1.89 0.00	35.21 2.18 0.00	46.34 3.05 -7.42	40.54 2.55 0.00	37.05 1.73 0.00	36.11 1.39 0.00	34.32 1.09 0.00	31.90 0.96 0.00	31.70 0.89 0.00	32.26 1.18 0.00	32.80 1.02 0.00	34.87 0.98 0.00	39.42 2.09 0.00	44.93 1.73 0.00	50.40 2.58 0.00	45.89 2.31 0.00	40.38 2.39 0.00	37.43 1.44 0.00	34.37 1.64 0.00
SHOREHAM_IC_2 23716	33.19 1.34 0.00	32.12 1.47 0.00	30.81 1.44 0.00	29.68 1.44 0.00	29.64 1.52 0.00	31.80 1.89 0.00	35.21 2.18 0.00	46.34 3.05 -7.42	40.54 2.55 0.00	37.05 1.73 0.00	36.11 1.39 0.00	34.32 1.09 0.00	31.90 0.96 0.00	31.70 0.89 0.00	32.26 1.18 0.00	32.80 1.02 0.00	34.87 0.98 0.00	39.42 2.09 0.00	44.93 1.73 0.00	50.40 2.58 0.00	45.89 2.31 0.00	40.38 2.39 0.00	37.43 1.44 0.00	34.37 1.64 0.00
SISSONVILLE____ 23735	31.54 -0.32 0.00	30.44 -0.21 0.00	29.11 -0.26 0.00	27.81 -0.42 0.00	27.54 -0.59 0.00	29.25 -0.66 0.00	32.37 -0.66 0.00	35.16 -0.72 0.00	37.43 -0.57 0.00	34.69 -0.64 0.00	34.09 -0.62 0.00	32.60 -0.63 0.00	30.35 -0.59 0.00	30.31 -0.49 0.00	30.58 -0.50 0.00	31.34 -0.45 0.00	33.44 -0.44 0.00	36.99 -0.34 0.00	42.81 -0.39 0.00	47.44 -0.38 0.00	43.19 -0.39 0.00	37.60 -0.38 0.00	35.63 -0.36 0.00	32.34 -0.39 0.00
SITHE_IND_GS1 24169	31.00 -0.86 0.00	29.76 -0.89 0.00	28.52 -0.85 0.00	27.42 -0.82 0.00	27.31 -0.82 0.00	29.07 -0.84 0.00	32.14 -0.89 0.00	34.83 -1.04 0.00	36.97 -1.02 0.00	34.33 -0.99 0.00	33.78 -0.94 0.00	32.30 -0.93 0.00	30.07 -0.87 0.00	29.94 -0.86 0.00	30.17 -0.90 0.00	30.87 -0.92 0.00	32.87 -1.02 0.00	36.13 -1.20 0.00	41.86 -1.34 0.00	46.39 -1.43 0.00	42.28 -1.31 0.00	36.88 -1.10 0.00	34.99 -1.01 0.00	31.89 -0.85 0.00
SITHE_IND_GS2 24170	31.00 -0.86 0.00	29.76 -0.89 0.00	28.52 -0.85 0.00	27.42 -0.82 0.00	27.31 -0.82 0.00	29.07 -0.84 0.00	32.14 -0.89 0.00	34.83 -1.04 0.00	36.97 -1.02 0.00	34.33 -0.99 0.00	33.78 -0.94 0.00	32.30 -0.93 0.00	30.07 -0.87 0.00	29.94 -0.86 0.00	30.17 -0.90 0.00	30.87 -0.92 0.00	32.87 -1.02 0.00	36.13 -1.20 0.00	41.86 -1.34 0.00	46.39 -1.43 0.00	42.28 -1.31 0.00	36.88 -1.10 0.00	34.99 -1.01 0.00	31.89 -0.85 0.00
SITHE_IND_GS3 24171	31.00 -0.86 0.00	29.76 -0.89 0.00	28.52 -0.85 0.00	27.42 -0.82 0.00	27.31 -0.82 0.00	29.07 -0.84 0.00	32.14 -0.89 0.00	34.83 -1.04 0.00	36.97 -1.02 0.00	34.33 -0.99 0.00	33.78 -0.94 0.00	32.30 -0.93 0.00	30.07 -0.87 0.00	29.94 -0.86 0.00	30.17 -0.90 0.00	30.87 -0.92 0.00	32.87 -1.02 0.00	36.13 -1.20 0.00	41.86 -1.34 0.00	46.39 -1.43 0.00	42.28 -1.31 0.00	36.88 -1.10 0.00	34.99 -1.01 0.00	31.89 -0.85 0.00
SITHE_IND_GS4 24172	31.00 -0.86 0.00	29.76 -0.89 0.00	28.52 -0.85 0.00	27.42 -0.82 0.00	27.31 -0.82 0.00	29.07 -0.84 0.00	32.14 -0.89 0.00	34.83 -1.04 0.00	36.97 -1.02 0.00	34.33 -0.99 0.00	33.78 -0.94 0.00	32.30 -0.93 0.00	30.07 -0.87 0.00	29.94 -0.86 0.00	30.17 -0.90 0.00	30.87 -0.92 0.00	32.87 -1.02 0.00	36.13 -1.20 0.00	41.86 -1.34 0.00	46.39 -1.43 0.00	42.28 -1.31 0.00	36.88 -1.10 0.00	34.99 -1.01 0.00	31.89 -0.85 0.00

SITHE___BATAVIA 24024	30.29 -1.56 0.00	28.66 -1.99 0.00	27.43 -1.94 0.00	26.37 -1.86 0.00	26.16 -1.97 0.00	28.00 -1.91 0.00	31.31 -1.72 0.00	33.69 -2.19 0.00	36.25 -1.75 0.00	33.48 -1.84 0.00	33.26 -1.46 0.00	31.50 -1.73 0.00	29.18 -1.76 0.00	29.17 -1.63 0.00	29.18 -1.90 0.00	30.13 -1.65 0.00	32.26 -1.63 0.00	35.69 -1.64 0.00	42.03 -1.16 0.00	46.58 -1.24 0.00	42.71 -0.87 0.00	37.30 -0.68 0.00	35.85 -0.14 0.00	32.41 -0.33 0.00
SITHE___INDEPEND 23800	30.96 -0.89 0.00	29.76 -0.89 0.00	28.52 -0.85 0.00	27.42 -0.82 0.00	27.31 -0.82 0.00	29.07 -0.84 0.00	32.14 -0.89 0.00	34.87 -1.00 0.00	36.97 -1.03 0.00	34.33 -0.99 0.00	33.82 -0.90 0.00	32.30 -0.93 0.00	30.07 -0.87 0.00	29.94 -0.86 0.00	30.18 -0.90 0.00	30.83 -0.95 0.00	32.87 -1.02 0.00	36.14 -1.19 0.00	41.86 -1.34 0.00	46.39 -1.43 0.00	42.27 -1.31 0.00	36.88 -1.10 0.00	34.99 -1.01 0.00	31.89 -0.85 0.00
SITHE___MASSENA 23902	32.24 0.38 0.00	31.08 0.43 0.00	29.72 0.35 0.00	28.44 0.20 0.00	28.21 0.08 0.00	29.94 0.03 0.00	33.13 0.10 0.00	36.02 0.14 0.00	38.30 0.30 0.00	35.57 0.25 0.00	34.93 0.21 0.00	33.43 0.20 0.00	31.13 0.19 0.00	31.08 0.28 0.00	31.36 0.28 0.00	32.11 0.32 0.00	34.19 0.30 0.00	37.74 0.41 0.00	43.63 0.43 0.00	48.30 0.48 0.00	44.02 0.44 0.00	38.33 0.34 0.00	36.35 0.36 0.00	33.06 0.33 0.00
SITHE___OGDNSBRG 24021	32.43 0.57 0.00	31.26 0.61 0.00	29.90 0.53 0.00	28.58 0.34 0.00	28.35 0.23 0.00	30.09 0.18 0.00	33.30 0.26 0.00	36.13 0.25 0.00	38.38 0.38 0.00	35.50 0.18 0.00	34.86 0.14 0.00	33.33 0.10 0.00	31.03 0.09 0.00	30.99 0.18 0.00	31.29 0.22 0.00	32.07 0.29 0.00	34.22 0.34 0.00	37.93 0.60 0.00	43.93 0.73 0.00	48.73 0.91 0.00	44.37 0.78 0.00	38.67 0.68 0.00	36.64 0.65 0.00	33.23 0.49 0.00
SITHE___STERLING 23777	32.43 0.57 0.00	31.17 0.52 0.00	29.87 0.50 0.00	28.75 0.51 0.00	28.60 0.48 0.00	30.48 0.57 0.00	33.69 0.66 0.00	36.56 0.68 0.00	38.76 0.76 0.00	35.92 0.60 0.00	35.34 0.63 0.00	33.73 0.50 0.00	31.37 0.43 0.00	31.17 0.37 0.00	31.45 0.37 0.00	32.27 0.48 0.00	34.42 0.54 0.00	38.08 0.75 0.00	44.19 0.99 0.00	48.97 1.15 0.00	44.63 1.04 0.00	38.93 0.95 0.00	36.86 0.86 0.00	33.39 0.65 0.00
SLEIGHT__34_KV_TB1 80719	30.74 -1.11 0.00	29.39 -1.26 0.00	28.11 -1.26 0.00	27.02 -1.21 0.00	26.94 -1.18 0.00	28.68 -1.23 0.00	31.91 -1.12 0.00	34.55 -1.33 0.00	36.93 -1.06 0.00	34.23 -1.09 0.00	33.82 -0.90 0.00	32.16 -1.06 0.00	29.89 -1.05 0.00	29.82 -0.99 0.00	29.93 -1.15 0.00	30.74 -1.05 0.00	32.83 -1.05 0.00	36.25 -1.08 0.00	42.12 -1.08 0.00	46.77 -1.05 0.00	42.71 -0.87 0.00	37.26 -0.72 0.00	35.49 -0.50 0.00	32.15 -0.59 0.00
SOUTH CAIRO___GT 23612	33.51 1.66 0.00	32.31 1.66 0.00	30.99 1.62 0.00	29.82 1.58 0.00	29.76 1.63 0.00	31.70 1.79 0.00	34.85 1.82 0.00	37.42 1.54 0.00	39.33 1.33 0.00	36.38 1.06 0.00	35.66 0.94 0.00	34.12 0.90 0.00	31.74 0.80 0.00	31.60 0.80 0.00	31.92 0.84 0.00	32.71 0.92 0.00	34.90 1.02 0.00	38.64 1.31 0.00	45.18 1.99 0.00	49.93 2.10 0.00	45.50 1.92 0.00	39.66 1.67 0.00	37.54 1.55 0.00	34.24 1.51 0.00
SOUTH HAMPTN___IC 23720	33.42 1.56 0.00	32.30 1.65 0.00	30.99 1.61 0.00	29.82 1.58 0.00	29.76 1.63 0.00	31.91 2.00 0.00	35.31 2.28 0.00	46.49 3.19 -7.42	40.81 2.81 0.00	37.30 1.98 0.00	36.32 1.60 0.00	34.56 1.33 0.00	32.09 1.15 0.00	31.85 1.05 0.00	32.41 1.34 0.00	32.93 1.14 0.00	35.00 1.12 0.00	39.57 2.24 0.00	45.14 1.95 0.00	50.55 2.72 0.00	45.98 2.40 0.00	40.53 2.55 0.00	37.65 1.66 0.00	34.57 1.83 0.00
SOUTHDOWN_115KV_TB1 355954	29.34 -2.52 0.00	27.98 -2.67 0.00	26.61 -2.76 0.00	25.64 -2.60 0.00	25.45 -2.67 0.00	27.10 -2.81 0.00	30.52 -2.51 0.00	32.90 -2.98 0.00	35.34 -2.66 0.00	32.78 -2.54 0.00	32.57 -2.15 0.00	30.80 -2.43 0.00	28.56 -2.38 0.00	28.49 -2.31 0.00	28.50 -2.58 0.00	29.50 -2.29 0.00	31.78 -2.10 0.00	35.28 -2.05 0.00	41.68 -1.51 0.00	46.77 -1.05 0.00	43.10 -0.48 0.00	37.57 -0.42 0.00	36.21 0.22 0.00	32.97 0.23 0.00
SOUTHOLD_69_KV_BK 2 55809	33.58 1.72 0.00	32.40 1.75 0.00	31.13 1.76 0.00	29.88 1.64 0.00	29.73 1.60 0.00	32.00 2.09 0.00	35.44 2.41 0.00	46.62 3.34 -7.41	41.04 3.04 0.00	37.48 2.15 0.00	36.35 1.63 0.00	34.62 1.40 0.00	32.12 1.18 0.00	31.88 1.08 0.00	32.44 1.37 0.00	32.96 1.18 0.00	35.14 1.25 0.00	39.61 2.28 0.00	45.27 2.07 0.00	50.50 2.68 0.00	45.85 2.27 0.00	40.45 2.47 0.00	37.72 1.73 0.00	34.70 1.96 0.00
SOUTHOLD___IC 23719	33.54 1.69 0.00	32.40 1.75 0.00	31.07 1.70 0.00	29.85 1.61 0.00	29.78 1.66 0.00	31.91 2.00 0.00	35.34 2.31 0.00	46.63 3.34 -7.42	41.04 3.04 0.00	37.48 2.15 0.00	36.35 1.63 0.00	34.62 1.40 0.00	32.12 1.18 0.00	31.88 1.08 0.00	32.44 1.37 0.00	32.93 1.14 0.00	34.93 1.05 0.00	39.61 2.28 0.00	45.05 1.86 0.00	50.40 2.58 0.00	45.80 2.22 0.00	40.45 2.47 0.00	37.72 1.73 0.00	34.70 1.96 0.00
SOUTH_FORK_WT_PWR 323839	33.35 1.50 0.00	32.21 1.56 0.00	30.90 1.53 0.00	29.68 1.44 0.00	29.56 1.43 0.00	31.70 1.79 0.00	35.11 2.08 0.00	46.45 3.16 -7.42	40.85 2.85 0.00	37.30 1.98 0.00	36.14 1.42 0.00	34.39 1.16 0.00	31.90 0.96 0.00	31.66 0.86 0.00	32.23 1.15 0.00	32.68 0.89 0.00	34.63 0.74 0.00	39.23 1.90 0.00	44.54 1.34 0.00	49.74 1.91 0.00	45.20 1.61 0.00	40.00 2.01 0.00	37.40 1.40 0.00	34.47 1.73 0.00
SPIERFLS_115KV_TB 1 80737	33.51 1.66 0.00	32.31 1.66 0.00	30.96 1.59 0.00	29.76 1.52 0.00	29.70 1.58 0.00	31.67 1.76 0.00	34.88 1.85 0.00	37.96 2.08 0.00	40.13 2.13 0.00	37.33 2.01 0.00	36.73 2.01 0.00	35.09 1.86 0.00	32.46 1.52 0.00	32.28 1.48 0.00	32.57 1.49 0.00	33.31 1.53 0.00	35.58 1.69 0.00	39.20 1.87 0.00	45.61 2.42 0.00	50.45 2.63 0.00	45.89 2.31 0.00	40.00 2.01 0.00	37.90 1.91 0.00	34.37 1.64 0.00
ST LAWRENCE____ 23600	31.85 0.00 0.00	30.68 0.03 0.00	29.34 -0.03 0.00	28.13 -0.11 0.00	27.96 -0.17 0.00	29.64 -0.27 0.00	32.77 -0.27 0.00	35.63 -0.25 0.00	37.88 -0.11 0.00	35.18 -0.14 0.00	34.62 -0.10 0.00	33.13 -0.10 0.00	30.88 -0.06 0.00	30.77 -0.03 0.00	31.05 -0.03 0.00	31.79 0.00 0.00	33.85 -0.03 0.00	37.33 0.00 0.00	43.11 -0.09 0.00	47.73 -0.10 0.00	43.49 -0.09 0.00	37.87 -0.11 0.00	35.92 -0.07 0.00	32.67 -0.07 0.00
STATE_CA_115KV_115_LB 55624	32.62 0.76 0.00	31.48 0.83 0.00	30.25 0.88 0.00	29.11 0.88 0.00	29.03 0.90 0.00	30.87 0.96 0.00	33.96 0.92 0.00	36.63 0.75 0.00	38.49 0.49 0.00	35.85 0.53 0.00	35.24 0.52 0.00	33.86 0.63 0.00	31.56 0.62 0.00	31.42 0.62 0.00	31.70 0.62 0.00	32.39 0.60 0.00	34.53 0.64 0.00	37.85 0.52 0.00	43.89 0.69 0.00	48.49 0.67 0.00	44.19 0.61 0.00	38.52 0.53 0.00	36.46 0.47 0.00	33.16 0.43 0.00

STATE_ST_34_KV_LOAD 55959	31.60 -0.25 0.00	30.31 -0.34 0.00	29.02 -0.35 0.00	27.90 -0.34 0.00	27.79 -0.34 0.00	29.61 -0.30 0.00	32.80 -0.23 0.00	35.62 -0.25 0.00	37.88 -0.11 0.00	35.14 -0.18 0.00	34.58 -0.14 0.00	32.96 -0.27 0.00	30.63 -0.31 0.00	30.56 -0.25 0.00	30.77 -0.31 0.00	31.53 -0.25 0.00	33.68 -0.20 0.00	37.18 -0.15 0.00	43.15 -0.04 0.00	47.87 0.05 0.00	43.67 0.09 0.00	38.10 0.11 0.00	36.03 0.04 0.00	32.70 -0.03 0.00
STATION 5_MISC_HYD 23604	30.52 -1.34 0.00	29.03 -1.63 0.00	27.81 -1.56 0.00	26.74 -1.50 0.00	26.55 -1.57 0.00	28.35 -1.56 0.00	31.58 -1.45 0.00	34.08 -1.79 0.00	36.55 -1.44 0.00	33.84 -1.48 0.00	33.50 -1.22 0.00	31.86 -1.36 0.00	29.61 -1.33 0.00	29.54 -1.26 0.00	29.65 -1.43 0.00	30.48 -1.30 0.00	32.56 -1.32 0.00	35.91 -1.42 0.00	41.99 -1.21 0.00	46.49 -1.34 0.00	42.49 -1.09 0.00	37.11 -0.87 0.00	35.49 -0.50 0.00	32.18 -0.56 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.96 -0.89 0.00	29.58 -1.07 0.00	28.31 -1.06 0.00	27.22 -1.02 0.00	27.14 -0.98 0.00	28.89 -1.02 0.00	32.14 -0.89 0.00	34.80 -1.08 0.00	37.16 -0.84 0.00	34.44 -0.88 0.00	34.06 -0.66 0.00	32.36 -0.86 0.00	30.07 -0.87 0.00	30.00 -0.80 0.00	30.11 -0.96 0.00	30.93 -0.86 0.00	33.07 -0.81 0.00	36.51 -0.82 0.00	42.50 -0.69 0.00	47.20 -0.62 0.00	43.15 -0.44 0.00	37.64 -0.34 0.00	35.89 -0.11 0.00	32.51 -0.23 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.33 -1.53 0.00	28.97 -1.69 0.00	27.70 -1.67 0.00	26.63 -1.61 0.00	26.58 -1.55 0.00	28.26 -1.65 0.00	31.48 -1.55 0.00	34.01 -1.87 0.00	36.44 -1.56 0.00	33.77 -1.55 0.00	33.43 -1.28 0.00	31.76 -1.46 0.00	29.52 -1.42 0.00	29.45 -1.36 0.00	29.55 -1.52 0.00	30.36 -1.43 0.00	32.46 -1.42 0.00	35.80 -1.53 0.00	41.68 -1.51 0.00	46.29 -1.53 0.00	42.32 -1.26 0.00	36.92 -1.06 0.00	35.31 -0.68 0.00	32.02 -0.72 0.00
STA_56___34_KV_BUS2 355983	30.33 -1.53 0.00	28.97 -1.69 0.00	27.70 -1.67 0.00	26.63 -1.61 0.00	26.58 -1.55 0.00	28.26 -1.65 0.00	31.48 -1.55 0.00	34.01 -1.87 0.00	36.44 -1.56 0.00	33.77 -1.55 0.00	33.43 -1.28 0.00	31.76 -1.46 0.00	29.52 -1.42 0.00	29.45 -1.36 0.00	29.55 -1.52 0.00	30.36 -1.43 0.00	32.46 -1.42 0.00	35.80 -1.53 0.00	41.68 -1.51 0.00	46.29 -1.53 0.00	42.32 -1.26 0.00	36.92 -1.06 0.00	35.31 -0.68 0.00	32.02 -0.72 0.00
STA_67___115KV_BK2 355882	30.36 -1.50 0.00	28.97 -1.69 0.00	27.70 -1.67 0.00	26.63 -1.61 0.00	26.58 -1.55 0.00	28.26 -1.65 0.00	31.51 -1.52 0.00	34.01 -1.87 0.00	36.44 -1.56 0.00	33.77 -1.55 0.00	33.43 -1.28 0.00	31.76 -1.46 0.00	29.52 -1.42 0.00	29.45 -1.36 0.00	29.55 -1.52 0.00	30.36 -1.43 0.00	32.46 -1.42 0.00	35.80 -1.53 0.00	41.68 -1.51 0.00	46.29 -1.53 0.00	42.36 -1.22 0.00	36.96 -1.03 0.00	35.38 -0.61 0.00	32.08 -0.65 0.00
STA_7___115KV_9TRANS 80674	30.55 -1.31 0.00	29.15 -1.50 0.00	27.87 -1.50 0.00	26.80 -1.44 0.00	26.75 -1.38 0.00	28.41 -1.50 0.00	31.71 -1.32 0.00	34.26 -1.61 0.00	36.71 -1.29 0.00	33.98 -1.34 0.00	33.71 -1.01 0.00	32.00 -1.23 0.00	29.73 -1.21 0.00	29.66 -1.14 0.00	29.77 -1.31 0.00	30.58 -1.21 0.00	32.70 -1.19 0.00	36.10 -1.23 0.00	42.03 -1.17 0.00	46.68 -1.15 0.00	42.71 -0.87 0.00	37.26 -0.72 0.00	35.67 -0.32 0.00	32.31 -0.43 0.00
STA_82___115KV_TB1 80780	30.36 -1.50 0.00	29.00 -1.66 0.00	27.70 -1.67 0.00	26.66 -1.58 0.00	26.58 -1.55 0.00	28.26 -1.65 0.00	31.51 -1.52 0.00	34.05 -1.83 0.00	36.48 -1.52 0.00	33.77 -1.55 0.00	33.43 -1.28 0.00	31.76 -1.46 0.00	29.52 -1.42 0.00	29.48 -1.32 0.00	29.55 -1.52 0.00	30.39 -1.40 0.00	32.46 -1.42 0.00	35.84 -1.49 0.00	41.73 -1.47 0.00	46.34 -1.48 0.00	42.36 -1.22 0.00	37.00 -0.99 0.00	35.42 -0.58 0.00	32.12 -0.62 0.00
STEEL___WIND 323596	29.43 -2.42 0.00	27.86 -2.79 0.00	26.61 -2.76 0.00	25.58 -2.66 0.00	25.31 -2.81 0.00	27.13 -2.78 0.00	30.42 -2.61 0.00	32.65 -3.23 0.00	35.19 -2.81 0.00	32.60 -2.72 0.00	32.39 -2.33 0.00	30.73 -2.49 0.00	28.46 -2.48 0.00	28.46 -2.34 0.00	28.50 -2.58 0.00	29.44 -2.35 0.00	31.58 -2.31 0.00	34.87 -2.46 0.00	41.08 -2.12 0.00	45.58 -2.25 0.00	41.79 -1.79 0.00	36.46 -1.52 0.00	35.20 -0.79 0.00	32.02 -0.72 0.00
STEPHTWN_115KV_BK_2 55603	32.78 0.92 0.00	31.63 0.98 0.00	30.40 1.03 0.00	29.25 1.02 0.00	29.17 1.04 0.00	31.02 1.11 0.00	34.15 1.12 0.00	36.84 0.97 0.00	38.76 0.76 0.00	36.10 0.78 0.00	35.48 0.76 0.00	34.06 0.83 0.00	31.71 0.77 0.00	31.57 0.77 0.00	31.85 0.78 0.00	32.55 0.76 0.00	34.73 0.85 0.00	38.08 0.75 0.00	44.23 1.04 0.00	48.88 1.05 0.00	44.50 0.92 0.00	38.78 0.80 0.00	36.71 0.72 0.00	33.39 0.65 0.00
STEUBEN_REC_LFGE 323667	29.37 -2.48 0.00	27.95 -2.70 0.00	26.70 -2.67 0.00	25.64 -2.60 0.00	25.54 -2.59 0.00	27.22 -2.69 0.00	30.32 -2.71 0.00	32.83 -3.05 0.00	35.07 -2.93 0.00	32.53 -2.79 0.00	32.11 -2.60 0.00	30.40 -2.82 0.00	28.22 -2.72 0.00	28.06 -2.74 0.00	28.12 -2.95 0.00	29.05 -2.73 0.00	31.21 -2.68 0.00	35.24 -2.09 0.00	41.73 -1.47 0.00	47.25 -0.57 0.00	43.45 -0.13 0.00	37.98 0.00 0.00	36.17 0.18 0.00	32.80 0.07 0.00
STILLWATER___SOLAR 323814	33.29 1.43 0.00	32.09 1.44 0.00	30.75 1.38 0.00	29.59 1.36 0.00	29.53 1.41 0.00	31.43 1.52 0.00	34.71 1.68 0.00	37.67 1.79 0.00	39.71 1.71 0.00	36.95 1.63 0.00	36.32 1.60 0.00	34.76 1.53 0.00	32.24 1.30 0.00	32.07 1.26 0.00	32.38 1.31 0.00	33.12 1.33 0.00	35.37 1.49 0.00	38.93 1.60 0.00	45.23 2.03 0.00	50.03 2.20 0.00	45.54 1.96 0.00	39.70 1.71 0.00	37.58 1.58 0.00	34.14 1.41 0.00
STONY___BROOK 24151	33.57 1.72 0.00	32.34 1.68 0.00	31.01 1.64 0.00	29.88 1.64 0.00	29.84 1.72 0.00	31.88 1.97 0.00	35.18 2.15 0.00	46.31 3.01 -7.42	40.70 2.70 0.00	37.37 2.05 0.00	36.45 1.74 0.00	34.82 1.59 0.00	32.36 1.42 0.00	32.16 1.35 0.00	32.69 1.61 0.00	33.28 1.49 0.00	35.44 1.56 0.00	39.83 2.50 0.00	45.61 2.42 0.00	50.89 3.06 0.00	46.37 2.79 0.00	40.72 2.74 0.00	37.94 1.94 0.00	34.60 1.87 0.00
STURGEON_POOL_HYD 23609	33.10 1.24 0.00	31.88 1.23 0.00	30.52 1.15 0.00	29.40 1.16 0.00	29.31 1.18 0.00	31.20 1.29 0.00	34.35 1.32 0.00	37.45 1.58 0.00	39.44 1.44 0.00	36.66 1.34 0.00	35.90 1.18 0.00	34.39 1.16 0.00	32.05 1.11 0.00	31.85 1.05 0.00	32.23 1.15 0.00	32.93 1.14 0.00	35.10 1.22 0.00	38.82 1.49 0.00	45.01 1.81 0.00	49.78 1.96 0.00	45.33 1.74 0.00	39.43 1.44 0.00	37.22 1.22 0.00	33.82 1.08 0.00
ST_LAW_115_BK7_LBMP 345037	31.85 0.00 0.00	30.68 0.03 0.00	29.37 0.00 0.00	28.13 -0.11 0.00	27.93 -0.20 0.00	29.64 -0.27 0.00	32.77 -0.27 0.00	35.63 -0.25 0.00	37.88 -0.11 0.00	35.18 -0.14 0.00	34.62 -0.10 0.00	33.13 -0.10 0.00	30.85 -0.09 0.00	30.77 -0.03 0.00	31.05 -0.03 0.00	31.79 0.00 0.00	33.85 -0.03 0.00	37.33 0.00 0.00	43.11 -0.09 0.00	47.73 -0.10 0.00	43.49 -0.09 0.00	37.87 -0.11 0.00	35.92 -0.07 0.00	32.67 -0.07 0.00

ST_LAW_115_BK8_LBMP 345038	31.85 0.00 0.00	30.68 0.03 0.00	29.37 0.00 0.00	28.13 -0.11 0.00	27.93 -0.20 0.00	29.64 -0.27 0.00	32.77 -0.27 0.00	35.63 -0.25 0.00	37.88 -0.11 0.00	35.18 -0.14 0.00	34.62 -0.10 0.00	33.13 -0.10 0.00	30.85 -0.09 0.00	30.77 -0.03 0.00	31.05 -0.03 0.00	31.79 0.00 0.00	33.85 -0.03 0.00	37.33 0.00 0.00	43.11 -0.09 0.00	47.73 -0.10 0.00	43.49 -0.09 0.00	37.87 -0.11 0.00	35.92 -0.07 0.00	32.67 -0.07 0.00
ST_LAW_230_BK5_LBMP 345035	31.85 0.00 0.00	30.68 0.03 0.00	29.34 -0.03 0.00	28.13 -0.11 0.00	27.96 -0.17 0.00	29.64 -0.27 0.00	32.77 -0.27 0.00	35.63 -0.25 0.00	37.88 -0.11 0.00	35.18 -0.14 0.00	34.62 -0.10 0.00	33.13 -0.10 0.00	30.88 -0.06 0.00	30.77 -0.03 0.00	31.05 -0.03 0.00	31.79 0.00 0.00	33.85 -0.03 0.00	37.33 0.00 0.00	43.11 -0.09 0.00	47.73 -0.10 0.00	43.49 -0.09 0.00	37.87 -0.11 0.00	35.92 -0.07 0.00	32.67 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	31.85 0.00 0.00	30.68 0.03 0.00	29.34 -0.03 0.00	28.13 -0.11 0.00	27.96 -0.17 0.00	29.64 -0.27 0.00	32.77 -0.27 0.00	35.63 -0.25 0.00	37.88 -0.11 0.00	35.18 -0.14 0.00	34.62 -0.10 0.00	33.13 -0.10 0.00	30.88 -0.06 0.00	30.77 -0.03 0.00	31.05 -0.03 0.00	31.79 0.00 0.00	33.85 -0.03 0.00	37.33 0.00 0.00	43.11 -0.09 0.00	47.73 -0.10 0.00	43.49 -0.09 0.00	37.87 -0.11 0.00	35.92 -0.07 0.00	32.67 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.84 0.99 0.00	31.66 1.01 0.00	30.31 0.94 0.00	29.20 0.96 0.00	29.11 0.98 0.00	30.99 1.08 0.00	34.12 1.09 0.00	37.24 1.36 0.00	39.21 1.22 0.00	36.49 1.17 0.00	35.73 1.01 0.00	34.26 1.03 0.00	31.90 0.96 0.00	31.73 0.92 0.00	32.07 0.99 0.00	32.81 1.02 0.00	34.97 1.08 0.00	38.60 1.27 0.00	44.71 1.51 0.00	49.40 1.58 0.00	45.02 1.44 0.00	39.16 1.18 0.00	36.93 0.94 0.00	33.52 0.79 0.00
SWANROAD_115KV_TB1 355699	28.51 -3.34 0.00	27.10 -3.56 0.00	25.82 -3.55 0.00	24.85 -3.39 0.00	24.78 -3.35 0.00	26.32 -3.59 0.00	29.60 -3.44 0.00	31.71 -4.16 0.00	34.20 -3.80 0.00	31.68 -3.64 0.00	31.46 -3.26 0.00	29.84 -3.39 0.00	27.63 -3.31 0.00	27.63 -3.17 0.00	27.63 -3.45 0.00	28.51 -3.27 0.00	30.60 -3.29 0.00	33.71 -3.62 0.00	39.39 -3.80 0.00	43.95 -3.87 0.00	40.31 -3.27 0.00	35.14 -2.85 0.00	34.01 -1.98 0.00	30.97 -1.77 0.00
SYNERGY___BIOGAS 323694	30.29 -1.56 0.00	28.66 -1.99 0.00	27.43 -1.94 0.00	26.37 -1.86 0.00	26.16 -1.97 0.00	28.00 -1.91 0.00	31.31 -1.72 0.00	33.69 -2.19 0.00	36.25 -1.75 0.00	33.48 -1.84 0.00	33.26 -1.46 0.00	31.50 -1.73 0.00	29.18 -1.76 0.00	29.17 -1.63 0.00	29.18 -1.90 0.00	30.13 -1.65 0.00	32.26 -1.63 0.00	35.69 -1.64 0.00	42.03 -1.16 0.00	46.58 -1.24 0.00	42.71 -0.87 0.00	37.30 -0.68 0.00	35.85 -0.14 0.00	32.41 -0.33 0.00
SYRACUSE___ENERGY_ST1 323597	31.66 -0.19 0.00	30.41 -0.25 0.00	29.14 -0.23 0.00	27.98 -0.25 0.00	27.90 -0.23 0.00	29.70 -0.21 0.00	32.83 -0.20 0.00	35.62 -0.25 0.00	37.85 -0.15 0.00	35.14 -0.18 0.00	34.58 -0.14 0.00	33.03 -0.20 0.00	30.72 -0.22 0.00	30.59 -0.22 0.00	30.83 -0.25 0.00	31.57 -0.22 0.00	33.64 -0.24 0.00	37.07 -0.26 0.00	42.98 -0.22 0.00	47.63 -0.19 0.00	43.41 -0.17 0.00	37.87 -0.11 0.00	35.89 -0.11 0.00	32.61 -0.13 0.00
SYRACUSE___ENERGY_ST2 323598	31.66 -0.19 0.00	30.41 -0.25 0.00	29.14 -0.23 0.00	27.98 -0.25 0.00	27.90 -0.23 0.00	29.70 -0.21 0.00	32.83 -0.20 0.00	35.62 -0.25 0.00	37.85 -0.15 0.00	35.14 -0.18 0.00	34.58 -0.14 0.00	33.03 -0.20 0.00	30.72 -0.22 0.00	30.59 -0.22 0.00	30.83 -0.25 0.00	31.57 -0.22 0.00	33.64 -0.24 0.00	37.07 -0.26 0.00	42.98 -0.22 0.00	47.63 -0.19 0.00	43.41 -0.17 0.00	37.87 -0.11 0.00	35.89 -0.11 0.00	32.61 -0.13 0.00
SYRACUSE___POWER 24017	31.57 -0.29 0.00	30.31 -0.34 0.00	29.05 -0.32 0.00	27.93 -0.31 0.00	27.82 -0.31 0.00	29.61 -0.30 0.00	32.77 -0.26 0.00	35.55 -0.32 0.00	37.73 -0.27 0.00	35.04 -0.28 0.00	34.48 -0.24 0.00	32.93 -0.30 0.00	30.63 -0.31 0.00	30.53 -0.28 0.00	30.74 -0.34 0.00	31.47 -0.32 0.00	33.58 -0.30 0.00	36.99 -0.34 0.00	42.89 -0.30 0.00	47.54 -0.29 0.00	43.36 -0.22 0.00	37.79 -0.19 0.00	35.81 -0.18 0.00	32.57 -0.16 0.00
TALLMAN___138KV_BK151 55660	32.97 1.11 0.00	31.78 1.13 0.00	30.43 1.06 0.00	29.31 1.07 0.00	29.25 1.13 0.00	31.11 1.20 0.00	34.25 1.22 0.00	37.42 1.54 0.00	39.40 1.41 0.00	36.70 1.38 0.00	35.93 1.22 0.00	34.46 1.23 0.00	32.08 1.14 0.00	31.88 1.08 0.00	32.26 1.18 0.00	32.96 1.18 0.00	35.14 1.25 0.00	38.79 1.46 0.00	44.88 1.68 0.00	49.64 1.82 0.00	45.19 1.61 0.00	39.31 1.33 0.00	37.04 1.04 0.00	33.59 0.85 0.00
TEALLAVE_115KV_TB7 355573	31.50 -0.35 0.00	30.25 -0.40 0.00	28.96 -0.41 0.00	27.84 -0.40 0.00	27.76 -0.37 0.00	29.55 -0.36 0.00	32.67 -0.36 0.00	35.44 -0.43 0.00	37.62 -0.38 0.00	34.97 -0.35 0.00	34.41 -0.31 0.00	32.86 -0.37 0.00	30.57 -0.37 0.00	30.46 -0.34 0.00	30.67 -0.40 0.00	31.41 -0.38 0.00	33.48 -0.41 0.00	36.88 -0.45 0.00	42.72 -0.48 0.00	47.39 -0.43 0.00	43.19 -0.39 0.00	37.68 -0.30 0.00	35.71 -0.29 0.00	32.48 -0.26 0.00
TELGRAPH_34_KV_EAST 80808	29.34 -2.52 0.00	27.89 -2.76 0.00	26.58 -2.79 0.00	25.58 -2.65 0.00	25.54 -2.59 0.00	27.13 -2.78 0.00	30.45 -2.58 0.00	32.75 -3.12 0.00	35.26 -2.74 0.00	32.60 -2.72 0.00	32.39 -2.33 0.00	30.67 -2.56 0.00	28.43 -2.51 0.00	28.43 -2.37 0.00	28.44 -2.64 0.00	29.31 -2.48 0.00	31.44 -2.44 0.00	34.72 -2.61 0.00	40.60 -2.59 0.00	45.29 -2.53 0.00	41.53 -2.05 0.00	36.24 -1.75 0.00	34.99 -1.01 0.00	31.76 -0.98 0.00
TEMPLE___115KV_TB 2 55572	31.50 -0.35 0.00	30.25 -0.40 0.00	28.99 -0.38 0.00	27.87 -0.37 0.00	27.76 -0.37 0.00	29.55 -0.36 0.00	32.70 -0.33 0.00	35.48 -0.39 0.00	37.66 -0.34 0.00	34.97 -0.35 0.00	34.44 -0.28 0.00	32.86 -0.37 0.00	30.60 -0.34 0.00	30.46 -0.34 0.00	30.67 -0.40 0.00	31.41 -0.38 0.00	33.51 -0.37 0.00	36.92 -0.41 0.00	42.76 -0.43 0.00	47.39 -0.43 0.00	43.23 -0.35 0.00	37.68 -0.30 0.00	35.74 -0.25 0.00	32.48 -0.26 0.00
TIANA____69_KV_BK 1 55817	33.45 1.59 0.00	32.28 1.62 0.00	31.05 1.67 0.00	29.85 1.61 0.00	29.73 1.60 0.00	31.97 2.06 0.00	35.41 2.38 0.00	46.48 3.19 -7.41	40.77 2.77 0.00	37.26 1.94 0.00	36.32 1.60 0.00	34.59 1.36 0.00	32.08 1.14 0.00	31.85 1.05 0.00	32.44 1.37 0.00	33.00 1.21 0.00	35.24 1.36 0.00	39.61 2.28 0.00	45.44 2.25 0.00	50.74 2.92 0.00	46.11 2.53 0.00	40.57 2.58 0.00	37.69 1.69 0.00	34.54 1.80 0.00
TILDEN___115KV_TB1 80814	31.57 -0.29 0.00	30.31 -0.34 0.00	29.05 -0.32 0.00	27.93 -0.31 0.00	27.82 -0.31 0.00	29.61 -0.30 0.00	32.77 -0.26 0.00	35.55 -0.32 0.00	37.73 -0.27 0.00	35.04 -0.28 0.00	34.48 -0.24 0.00	32.93 -0.30 0.00	30.63 -0.31 0.00	30.53 -0.28 0.00	30.74 -0.34 0.00	31.47 -0.32 0.00	33.58 -0.30 0.00	36.99 -0.34 0.00	42.89 -0.30 0.00	47.54 -0.29 0.00	43.36 -0.22 0.00	37.79 -0.19 0.00	35.81 -0.18 0.00	32.57 -0.16 0.00

TRIGEN___CC 323695	33.51 1.66 0.00	32.21 1.56 0.00	30.90 1.53 0.00	29.76 1.52 0.00	29.64 1.52 0.00	31.67 1.76 0.00	34.88 1.85 0.00	45.76 2.48 -7.41	40.20 2.20 0.00	37.23 1.91 0.00	36.39 1.67 0.00	34.85 1.63 0.00	32.46 1.52 0.00	32.25 1.45 0.00	32.69 1.62 0.00	33.35 1.56 0.00	35.61 1.73 0.00	39.53 2.20 0.00	45.66 2.46 0.00	50.55 2.73 0.00	46.02 2.44 0.00	40.23 2.24 0.00	37.72 1.73 0.00	34.21 1.47 0.00
TRINITY___115KV___4 BK 55933	32.52 0.67 0.00	31.39 0.74 0.00	30.16 0.79 0.00	29.06 0.82 0.00	28.97 0.84 0.00	30.78 0.87 0.00	33.89 0.86 0.00	36.56 0.68 0.00	38.38 0.38 0.00	35.75 0.42 0.00	35.14 0.42 0.00	33.76 0.53 0.00	31.47 0.53 0.00	31.33 0.52 0.00	31.61 0.53 0.00	32.30 0.51 0.00	34.42 0.54 0.00	37.74 0.41 0.00	43.76 0.56 0.00	48.35 0.53 0.00	44.02 0.44 0.00	38.36 0.38 0.00	36.35 0.36 0.00	33.10 0.36 0.00
UNION___PROCESSING_DRP 323587	30.39 -1.47 0.00	29.00 -1.66 0.00	27.73 -1.64 0.00	26.66 -1.58 0.00	26.61 -1.52 0.00	28.26 -1.65 0.00	31.51 -1.52 0.00	34.05 -1.83 0.00	36.48 -1.52 0.00	33.77 -1.55 0.00	33.47 -1.25 0.00	31.80 -1.43 0.00	29.52 -1.42 0.00	29.48 -1.32 0.00	29.59 -1.49 0.00	30.39 -1.40 0.00	32.49 -1.39 0.00	35.84 -1.49 0.00	41.73 -1.47 0.00	46.34 -1.48 0.00	42.36 -1.22 0.00	37.00 -0.99 0.00	35.42 -0.58 0.00	32.12 -0.62 0.00
UPPER HUDSON___HYD 24058	33.51 1.66 0.00	32.30 1.65 0.00	30.96 1.58 0.00	29.76 1.52 0.00	29.70 1.57 0.00	31.67 1.76 0.00	34.98 1.95 0.00	37.96 2.08 0.00	40.12 2.13 0.00	37.33 2.01 0.00	36.73 2.01 0.00	35.09 1.86 0.00	32.46 1.52 0.00	32.28 1.48 0.00	32.57 1.49 0.00	33.31 1.53 0.00	35.58 1.69 0.00	39.20 1.87 0.00	45.57 2.37 0.00	50.45 2.63 0.00	45.89 2.31 0.00	40.00 2.01 0.00	37.90 1.91 0.00	34.37 1.64 0.00
UPPER RAQUET___HYD 24056	31.54 -0.32 0.00	30.44 -0.21 0.00	29.11 -0.26 0.00	27.82 -0.42 0.00	27.56 -0.56 0.00	29.25 -0.66 0.00	32.37 -0.66 0.00	35.19 -0.68 0.00	37.43 -0.57 0.00	34.69 -0.63 0.00	34.09 -0.62 0.00	32.59 -0.63 0.00	30.35 -0.59 0.00	30.28 -0.52 0.00	30.58 -0.50 0.00	31.34 -0.45 0.00	33.44 -0.44 0.00	36.99 -0.34 0.00	42.81 -0.39 0.00	47.39 -0.43 0.00	43.19 -0.39 0.00	37.60 -0.38 0.00	35.63 -0.36 0.00	32.35 -0.39 0.00
VALLEY44_115KV_TB2 355964	29.47 -2.39 0.00	28.14 -2.51 0.00	26.82 -2.56 0.00	25.81 -2.43 0.00	25.71 -2.42 0.00	27.31 -2.60 0.00	30.65 -2.38 0.00	33.01 -2.87 0.00	35.38 -2.62 0.00	32.85 -2.47 0.00	32.53 -2.19 0.00	30.87 -2.36 0.00	28.59 -2.35 0.00	28.52 -2.28 0.00	28.59 -2.49 0.00	29.53 -2.26 0.00	31.68 -2.20 0.00	34.98 -2.35 0.00	40.91 -2.29 0.00	45.82 -2.01 0.00	42.01 -1.57 0.00	36.58 -1.41 0.00	35.09 -0.90 0.00	32.02 -0.72 0.00
VALLEY___115KV_TB 1-4 80826	31.44 -0.41 0.00	30.25 -0.40 0.00	29.08 -0.29 0.00	28.04 -0.20 0.00	27.96 -0.17 0.00	29.79 -0.12 0.00	32.90 -0.13 0.00	35.73 -0.14 0.00	37.77 -0.23 0.00	35.11 -0.21 0.00	34.55 -0.17 0.00	33.03 -0.20 0.00	30.79 -0.15 0.00	30.65 -0.15 0.00	30.92 -0.16 0.00	31.66 -0.13 0.00	33.71 -0.17 0.00	37.22 -0.11 0.00	43.11 -0.09 0.00	47.78 -0.05 0.00	43.58 0.00 0.00	38.02 0.04 0.00	36.03 0.04 0.00	32.70 -0.03 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.19 1.34 0.00	31.94 1.29 0.00	30.55 1.17 0.00	29.42 1.19 0.00	29.31 1.18 0.00	31.26 1.35 0.00	34.52 1.49 0.00	37.60 1.72 0.00	39.86 1.86 0.00	36.98 1.66 0.00	36.39 1.67 0.00	34.75 1.53 0.00	32.27 1.33 0.00	32.07 1.26 0.00	32.35 1.27 0.00	33.15 1.37 0.00	35.31 1.42 0.00	39.12 1.79 0.00	45.36 2.16 0.00	50.17 2.34 0.00	45.72 2.14 0.00	39.92 1.94 0.00	37.79 1.80 0.00	34.18 1.44 0.00
VISCHER___FERRY HYD 24020	32.97 1.11 0.00	31.75 1.10 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.28 1.15 0.00	31.17 1.26 0.00	34.39 1.35 0.00	37.27 1.40 0.00	39.18 1.18 0.00	36.49 1.16 0.00	35.86 1.14 0.00	34.39 1.16 0.00	31.99 1.05 0.00	31.82 1.01 0.00	32.10 1.02 0.00	32.80 1.02 0.00	35.00 1.12 0.00	38.49 1.16 0.00	44.62 1.42 0.00	49.35 1.53 0.00	44.98 1.39 0.00	39.16 1.18 0.00	37.07 1.08 0.00	33.72 0.98 0.00
V_A_10_SYNC_DSASP 323832	29.47 -2.39 0.00	27.92 -2.73 0.00	26.73 -2.64 0.00	25.70 -2.54 0.00	25.45 -2.67 0.00	27.22 -2.69 0.00	30.42 -2.61 0.00	32.68 -3.19 0.00	35.19 -2.81 0.00	32.60 -2.72 0.00	32.32 -2.40 0.00	30.73 -2.49 0.00	28.50 -2.44 0.00	28.49 -2.31 0.00	28.53 -2.55 0.00	29.40 -2.38 0.00	31.48 -2.40 0.00	34.64 -2.69 0.00	40.61 -2.59 0.00	44.96 -2.87 0.00	41.18 -2.40 0.00	35.90 -2.09 0.00	34.59 -1.40 0.00	31.46 -1.28 0.00
V_CMM_10_SYNC_DSASP 323787	32.01 0.16 0.00	30.87 0.22 0.00	29.52 0.15 0.00	28.27 0.03 0.00	28.07 -0.06 0.00	29.79 -0.12 0.00	32.93 -0.10 0.00	35.80 -0.07 0.00	38.07 0.08 0.00	35.36 0.04 0.00	34.75 0.03 0.00	33.29 0.07 0.00	31.00 0.06 0.00	30.93 0.12 0.00	31.20 0.12 0.00	31.92 0.13 0.00	34.02 0.14 0.00	37.52 0.19 0.00	43.33 0.13 0.00	47.97 0.14 0.00	43.71 0.13 0.00	38.06 0.08 0.00	36.10 0.11 0.00	32.84 0.10 0.00
V_CMP_10_SYNC_DSASP 323788	32.68 0.83 0.00	31.42 0.77 0.00	29.93 0.56 0.00	28.49 0.25 0.00	28.24 0.11 0.00	29.64 -0.27 0.00	32.80 -0.23 0.00	35.73 -0.14 0.00	38.04 0.04 0.00	35.39 0.07 0.00	34.89 0.17 0.00	33.46 0.23 0.00	31.22 0.28 0.00	31.20 0.40 0.00	31.51 0.43 0.00	32.30 0.51 0.00	34.46 0.58 0.00	38.08 0.75 0.00	44.06 0.86 0.00	48.83 1.01 0.00	44.41 0.83 0.00	38.63 0.65 0.00	36.53 0.54 0.00	33.16 0.42 0.00
V_D_10_SYNC_DSASP 323841	32.24 0.38 0.00	31.08 0.43 0.00	29.72 0.35 0.00	28.44 0.20 0.00	28.21 0.08 0.00	29.94 0.03 0.00	33.13 0.10 0.00	36.02 0.14 0.00	38.30 0.30 0.00	35.57 0.25 0.00	34.93 0.21 0.00	33.43 0.20 0.00	31.16 0.22 0.00	31.08 0.28 0.00	31.36 0.28 0.00	32.11 0.32 0.00	34.19 0.30 0.00	37.74 0.41 0.00	43.63 0.43 0.00	48.30 0.48 0.00	44.02 0.44 0.00	38.33 0.34 0.00	36.35 0.36 0.00	33.06 0.33 0.00
V_E_10_SYNC_DSASP 323830	33.45 1.59 0.00	32.03 1.38 0.00	30.55 1.18 0.00	29.40 1.16 0.00	29.22 1.10 0.00	31.26 1.35 0.00	34.62 1.59 0.00	37.60 1.72 0.00	39.86 1.86 0.00	36.77 1.45 0.00	36.28 1.56 0.00	34.46 1.23 0.00	31.90 0.96 0.00	31.76 0.96 0.00	32.01 0.93 0.00	33.03 1.24 0.00	35.30 1.42 0.00	39.49 2.16 0.00	46.13 2.94 0.00	51.22 3.40 0.00	46.81 3.22 0.00	40.98 3.00 0.00	38.84 2.84 0.00	34.93 2.19 0.00
V_F_30_NSYNC___DSASP 323816	33.32 1.47 0.00	32.12 1.47 0.00	30.78 1.41 0.00	29.62 1.38 0.00	29.56 1.43 0.00	31.46 1.55 0.00	34.71 1.68 0.00	37.70 1.83 0.00	39.75 1.75 0.00	36.98 1.66 0.00	36.39 1.67 0.00	34.79 1.56 0.00	32.30 1.36 0.00	32.13 1.32 0.00	32.44 1.37 0.00	33.19 1.40 0.00	35.41 1.53 0.00	38.97 1.64 0.00	45.27 2.07 0.00	50.07 2.25 0.00	45.59 2.01 0.00	39.77 1.79 0.00	37.61 1.62 0.00	34.18 1.44 0.00

V_F_30_SYNC_DSASP 323786	32.62 0.76 0.00	31.48 0.83 0.00	30.25 0.88 0.00	29.11 0.88 0.00	29.03 0.90 0.00	30.87 0.96 0.00	33.96 0.92 0.00	36.63 0.75 0.00	38.49 0.49 0.00	35.85 0.53 0.00	35.24 0.52 0.00	33.86 0.63 0.00	31.56 0.62 0.00	31.42 0.62 0.00	31.70 0.62 0.00	32.39 0.60 0.00	34.53 0.64 0.00	37.85 0.52 0.00	43.89 0.69 0.00	48.49 0.67 0.00	44.19 0.61 0.00	38.52 0.53 0.00	36.46 0.47 0.00	33.16 0.43 0.00
V_XM_10_SYNC_DSASP 323789	32.68 0.83 0.00	31.42 0.77 0.00	29.93 0.56 0.00	28.49 0.25 0.00	28.24 0.11 0.00	29.64 -0.27 0.00	32.80 -0.23 0.00	35.73 -0.14 0.00	38.04 0.04 0.00	35.39 0.07 0.00	34.89 0.17 0.00	33.46 0.23 0.00	31.22 0.28 0.00	31.20 0.40 0.00	31.51 0.43 0.00	32.30 0.51 0.00	34.46 0.58 0.00	38.08 0.75 0.00	44.06 0.86 0.00	48.83 1.01 0.00	44.41 0.83 0.00	38.63 0.65 0.00	36.53 0.54 0.00	33.16 0.42 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.10 1.24 0.00	31.88 1.23 0.00	30.55 1.17 0.00	29.42 1.19 0.00	29.34 1.21 0.00	31.35 1.44 0.00	34.48 1.45 0.00	37.67 1.79 0.00	39.67 1.67 0.00	36.91 1.59 0.00	36.14 1.42 0.00	34.66 1.43 0.00	32.30 1.36 0.00	32.07 1.26 0.00	32.44 1.37 0.00	33.19 1.40 0.00	35.27 1.39 0.00	38.94 1.61 0.00	45.05 1.86 0.00	49.83 2.01 0.00	45.37 1.79 0.00	39.47 1.48 0.00	37.18 1.19 0.00	33.72 0.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.42 1.56 0.00	32.21 1.56 0.00	30.81 1.44 0.00	29.71 1.47 0.00	29.64 1.52 0.00	31.53 1.62 0.00	34.68 1.65 0.00	37.92 2.04 0.00	39.94 1.94 0.00	37.23 1.91 0.00	36.42 1.70 0.00	34.95 1.73 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.76 1.68 0.00	33.47 1.68 0.00	35.71 1.83 0.00	39.46 2.13 0.00	45.66 2.46 0.00	50.41 2.58 0.00	45.89 2.31 0.00	39.81 1.82 0.00	37.51 1.51 0.00	34.01 1.28 0.00
W50THST__13_KV_LOAD 356117	33.54 1.69 0.00	32.31 1.66 0.00	30.93 1.56 0.00	29.82 1.58 0.00	29.73 1.60 0.00	31.64 1.73 0.00	34.81 1.78 0.00	38.10 2.22 0.00	40.13 2.13 0.00	37.41 2.08 0.00	36.59 1.87 0.00	35.12 1.89 0.00	32.70 1.76 0.00	32.50 1.69 0.00	32.91 1.83 0.00	33.60 1.81 0.00	35.88 2.00 0.00	39.72 2.39 0.00	45.92 2.72 0.00	50.69 2.87 0.00	46.11 2.53 0.00	39.96 1.98 0.00	37.65 1.66 0.00	34.15 1.41 0.00
WADING RIVER_IC_1 23522	33.16 1.31 0.00	32.09 1.44 0.00	30.81 1.44 0.00	29.65 1.41 0.00	29.62 1.49 0.00	31.77 1.86 0.00	35.21 2.18 0.00	46.31 3.01 -7.42	40.54 2.55 0.00	37.05 1.73 0.00	36.11 1.39 0.00	34.32 1.09 0.00	31.87 0.93 0.00	31.66 0.86 0.00	32.23 1.15 0.00	32.77 0.99 0.00	34.87 0.98 0.00	39.38 2.05 0.00	44.88 1.68 0.00	50.36 2.53 0.00	45.85 2.26 0.00	40.34 2.36 0.00	37.40 1.40 0.00	34.34 1.60 0.00
WADING RIVER_IC_2 23547	33.16 1.31 0.00	32.09 1.44 0.00	30.81 1.44 0.00	29.65 1.41 0.00	29.62 1.49 0.00	31.77 1.86 0.00	35.21 2.18 0.00	46.31 3.01 -7.42	40.54 2.55 0.00	37.05 1.73 0.00	36.11 1.39 0.00	34.32 1.09 0.00	31.87 0.93 0.00	31.66 0.86 0.00	32.23 1.15 0.00	32.77 0.99 0.00	34.87 0.98 0.00	39.38 2.05 0.00	44.88 1.68 0.00	50.36 2.53 0.00	45.85 2.26 0.00	40.34 2.36 0.00	37.40 1.40 0.00	34.34 1.60 0.00
WADING RIVER_IC_3 23601	33.16 1.31 0.00	32.09 1.44 0.00	30.81 1.44 0.00	29.65 1.41 0.00	29.62 1.49 0.00	31.77 1.86 0.00	35.21 2.18 0.00	46.31 3.01 -7.42	40.54 2.55 0.00	37.05 1.73 0.00	36.11 1.39 0.00	34.32 1.09 0.00	31.87 0.93 0.00	31.66 0.86 0.00	32.23 1.15 0.00	32.77 0.99 0.00	34.87 0.98 0.00	39.38 2.05 0.00	44.88 1.68 0.00	50.36 2.53 0.00	45.85 2.26 0.00	40.34 2.36 0.00	37.40 1.40 0.00	34.34 1.60 0.00
WALDENNY_12_KV_BK2 80841	29.31 -2.55 0.00	27.86 -2.79 0.00	26.52 -2.85 0.00	25.53 -2.71 0.00	25.45 -2.67 0.00	27.07 -2.84 0.00	30.42 -2.61 0.00	32.72 -3.16 0.00	35.22 -2.77 0.00	32.64 -2.68 0.00	32.43 -2.29 0.00	30.73 -2.49 0.00	28.43 -2.51 0.00	28.46 -2.34 0.00	28.47 -2.61 0.00	29.37 -2.42 0.00	31.54 -2.34 0.00	34.83 -2.50 0.00	40.73 -2.46 0.00	45.48 -2.34 0.00	41.75 -1.83 0.00	36.35 -1.63 0.00	35.17 -0.83 0.00	31.98 -0.75 0.00
WALDEN__HYDRO 24148	33.03 1.18 0.00	31.82 1.16 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.25 1.13 0.00	31.14 1.23 0.00	34.29 1.26 0.00	37.38 1.51 0.00	39.37 1.37 0.00	36.63 1.31 0.00	35.86 1.15 0.00	34.36 1.13 0.00	32.02 1.08 0.00	31.82 1.02 0.00	32.16 1.09 0.00	32.90 1.11 0.00	35.07 1.19 0.00	38.79 1.46 0.00	44.92 1.73 0.00	49.69 1.87 0.00	45.24 1.66 0.00	39.35 1.37 0.00	37.11 1.12 0.00	33.72 0.98 0.00
WARRENSBURG____ 23737	33.51 1.66 0.00	32.31 1.66 0.00	30.96 1.59 0.00	29.76 1.52 0.00	29.70 1.58 0.00	31.67 1.76 0.00	34.88 1.85 0.00	37.96 2.08 0.00	40.13 2.13 0.00	37.33 2.01 0.00	36.73 2.01 0.00	35.09 1.86 0.00	32.46 1.52 0.00	32.28 1.48 0.00	32.57 1.49 0.00	33.31 1.53 0.00	35.58 1.69 0.00	39.20 1.87 0.00	45.61 2.42 0.00	50.45 2.63 0.00	45.89 2.31 0.00	40.00 2.01 0.00	37.90 1.91 0.00	34.37 1.64 0.00
WATERSIDE____6 8 9 23538	31.26 1.72 2.31	29.85 1.72 2.51	28.53 1.59 2.43	27.92 1.61 1.93	27.89 1.66 1.90	29.75 1.73 1.89	32.67 1.82 2.18	36.78 2.19 1.28	39.00 2.13 1.12	37.38 2.05 -0.01	35.09 1.87 1.51	35.10 1.86 -0.01	32.70 1.76 0.01	32.49 1.69 0.01	32.87 1.80 0.01	33.59 1.81 0.01	35.86 1.97 -0.01	45.19 2.24 -5.62	47.47 2.59 -1.68	50.61 2.77 -0.01	46.41 2.48 -0.34	39.99 2.01 0.01	36.21 1.73 1.52	32.44 1.44 1.74
WATKINRD_115KV_LN8_ILLION 55919	31.66 -0.19 0.00	30.47 -0.18 0.00	29.25 -0.12 0.00	28.18 -0.06 0.00	28.10 -0.03 0.00	29.91 0.00 0.00	33.03 0.00 0.00	35.88 0.00 0.00	37.92 -0.08 0.00	35.25 -0.07 0.00	34.68 -0.03 0.00	33.16 -0.07 0.00	30.91 -0.03 0.00	30.74 -0.06 0.00	31.02 -0.06 0.00	31.76 -0.03 0.00	33.85 -0.03 0.00	37.33 0.00 0.00	43.24 0.04 0.00	47.87 0.05 0.00	43.67 0.09 0.00	38.10 0.11 0.00	36.07 0.07 0.00	32.77 0.03 0.00
WATSON____69_KV_BK 1 55734	33.86 2.01 0.00	32.55 1.90 0.00	31.28 1.91 0.00	30.07 1.84 0.00	29.95 1.83 0.00	32.12 2.21 0.00	35.44 2.41 0.00	46.45 3.16 -7.41	40.89 2.89 0.00	37.58 2.26 0.00	36.66 1.94 0.00	35.05 1.83 0.00	32.58 1.64 0.00	32.34 1.54 0.00	32.91 1.83 0.00	33.50 1.72 0.00	35.85 1.97 0.00	40.06 2.73 0.00	46.13 2.94 0.00	51.27 3.44 0.00	46.68 3.09 0.00	40.99 3.00 0.00	38.19 2.20 0.00	34.77 2.03 0.00
WDELAWARE__HYD 323627	32.90 1.05 0.00	31.72 1.07 0.00	30.34 0.97 0.00	29.23 0.99 0.00	29.17 1.04 0.00	31.05 1.14 0.00	34.15 1.12 0.00	37.20 1.33 0.00	39.25 1.25 0.00	36.45 1.13 0.00	35.69 0.97 0.00	34.16 0.93 0.00	31.81 0.87 0.00	31.60 0.80 0.00	31.95 0.87 0.00	32.71 0.92 0.00	34.83 0.95 0.00	38.67 1.34 0.00	44.84 1.64 0.00	49.59 1.77 0.00	45.20 1.61 0.00	39.31 1.33 0.00	37.11 1.12 0.00	33.69 0.95 0.00

WEST BABYLON___IC 23714	33.83 1.98 0.00	32.52 1.87 0.00	31.22 1.85 0.00	30.05 1.81 0.00	29.93 1.80 0.00	32.03 2.12 0.00	35.31 2.28 0.00	46.34 3.05 -7.41	40.77 2.77 0.00	37.55 2.23 0.00	36.66 1.94 0.00	35.05 1.83 0.00	32.58 1.64 0.00	32.37 1.57 0.00	32.91 1.83 0.00	33.54 1.75 0.00	35.85 1.97 0.00	39.98 2.65 0.00	46.09 2.89 0.00	51.17 3.35 0.00	46.59 3.01 0.00	40.83 2.85 0.00	38.15 2.16 0.00	34.67 1.93 0.00
WEST CANADA___HYD 24049	31.95 0.10 0.00	30.74 0.09 0.00	29.49 0.12 0.00	28.38 0.14 0.00	28.27 0.14 0.00	30.09 0.18 0.00	33.20 0.17 0.00	36.06 0.18 0.00	38.15 0.15 0.00	35.46 0.14 0.00	34.86 0.14 0.00	33.36 0.13 0.00	31.06 0.12 0.00	30.90 0.09 0.00	31.17 0.09 0.00	31.92 0.13 0.00	34.02 0.14 0.00	37.48 0.15 0.00	43.37 0.17 0.00	48.02 0.19 0.00	43.76 0.18 0.00	38.14 0.15 0.00	36.14 0.14 0.00	32.84 0.10 0.00
WESTERN_NY_WIND 24143	30.10 -1.75 0.00	28.60 -2.05 0.00	27.29 -2.09 0.00	26.26 -1.98 0.00	26.21 -1.91 0.00	27.88 -2.03 0.00	31.25 -1.78 0.00	33.65 -2.22 0.00	36.17 -1.82 0.00	33.41 -1.91 0.00	33.19 -1.53 0.00	31.40 -1.83 0.00	29.11 -1.83 0.00	29.08 -1.72 0.00	29.09 -1.99 0.00	30.01 -1.78 0.00	32.15 -1.73 0.00	35.61 -1.72 0.00	41.68 -1.51 0.00	46.49 -1.34 0.00	42.58 -1.00 0.00	37.19 -0.80 0.00	35.81 -0.18 0.00	32.38 -0.36 0.00
WESTOVER___LESR 323668	31.47 -0.38 0.00	30.19 -0.46 0.00	28.87 -0.50 0.00	27.79 -0.45 0.00	27.68 -0.45 0.00	29.46 -0.45 0.00	32.63 -0.40 0.00	35.41 -0.47 0.00	37.58 -0.42 0.00	34.90 -0.42 0.00	34.37 -0.35 0.00	32.79 -0.43 0.00	30.48 -0.46 0.00	30.34 -0.46 0.00	30.55 -0.53 0.00	31.37 -0.41 0.00	33.51 -0.37 0.00	36.99 -0.34 0.00	42.98 -0.22 0.00	47.73 -0.10 0.00	43.58 0.00 0.00	37.98 0.00 0.00	36.03 0.04 0.00	32.77 0.03 0.00
WETHRSFD_WT_PWR 323626	28.73 -3.12 0.00	27.25 -3.40 0.00	26.05 -3.32 0.00	25.02 -3.22 0.00	24.81 -3.32 0.00	26.53 -3.38 0.00	29.60 -3.44 0.00	31.89 -3.98 0.00	34.08 -3.91 0.00	31.58 -3.74 0.00	31.28 -3.44 0.00	29.67 -3.55 0.00	27.50 -3.44 0.00	27.45 -3.36 0.00	27.57 -3.51 0.00	28.48 -3.31 0.00	30.53 -3.35 0.00	34.12 -3.21 0.00	40.43 -2.77 0.00	45.39 -2.44 0.00	41.75 -1.83 0.00	36.46 -1.52 0.00	34.99 -1.01 0.00	31.79 -0.95 0.00
WHAVSTOR_138KV_BK127 55557	33.00 1.15 0.00	31.78 1.13 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.25 1.13 0.00	31.14 1.23 0.00	34.29 1.26 0.00	37.45 1.58 0.00	39.44 1.44 0.00	36.70 1.38 0.00	35.93 1.22 0.00	34.46 1.23 0.00	32.12 1.18 0.00	31.91 1.11 0.00	32.29 1.21 0.00	33.00 1.21 0.00	35.17 1.29 0.00	38.82 1.49 0.00	44.92 1.73 0.00	49.69 1.87 0.00	45.24 1.66 0.00	39.31 1.33 0.00	37.04 1.04 0.00	33.62 0.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.00 1.15 0.00	31.78 1.13 0.00	30.46 1.09 0.00	29.34 1.10 0.00	29.25 1.13 0.00	31.14 1.23 0.00	34.29 1.26 0.00	37.45 1.58 0.00	39.44 1.44 0.00	36.70 1.38 0.00	35.93 1.22 0.00	34.46 1.23 0.00	32.12 1.18 0.00	31.91 1.11 0.00	32.29 1.21 0.00	33.00 1.21 0.00	35.17 1.29 0.00	38.82 1.49 0.00	44.92 1.73 0.00	49.69 1.87 0.00	45.24 1.66 0.00	39.31 1.33 0.00	37.04 1.04 0.00	33.62 0.88 0.00
WHITEHAL_115KV_TB1 80871	33.70 1.85 0.00	32.52 1.87 0.00	31.16 1.79 0.00	29.96 1.72 0.00	29.90 1.77 0.00	31.91 2.00 0.00	35.11 2.08 0.00	38.21 2.33 0.00	40.35 2.36 0.00	37.51 2.19 0.00	36.91 2.19 0.00	35.22 1.99 0.00	32.55 1.61 0.00	32.34 1.54 0.00	32.66 1.58 0.00	33.44 1.65 0.00	35.75 1.86 0.00	39.46 2.13 0.00	46.00 2.81 0.00	50.93 3.11 0.00	46.33 2.75 0.00	40.42 2.43 0.00	38.23 2.23 0.00	34.60 1.87 0.00
WHITEPLN_13_KV_LOAD 356215	33.48 1.62 0.00	32.24 1.59 0.00	30.90 1.53 0.00	29.74 1.50 0.00	29.67 1.55 0.00	31.56 1.65 0.00	34.75 1.72 0.00	38.17 2.30 0.00	40.20 2.20 0.00	37.37 2.05 0.00	36.52 1.81 0.00	35.09 1.86 0.00	32.67 1.73 0.00	32.47 1.66 0.00	32.85 1.77 0.00	33.57 1.78 0.00	35.78 1.90 0.00	39.64 2.31 0.00	45.87 2.68 0.00	50.74 2.92 0.00	46.15 2.57 0.00	40.11 2.13 0.00	37.76 1.76 0.00	34.15 1.41 0.00
WM_FLOYD_69_KV_BK2 356380	33.45 1.59 0.00	32.24 1.59 0.00	31.02 1.64 0.00	29.82 1.58 0.00	29.70 1.58 0.00	31.94 2.03 0.00	35.31 2.28 0.00	46.30 3.01 -7.41	40.62 2.62 0.00	37.19 1.87 0.00	36.25 1.53 0.00	34.59 1.36 0.00	32.12 1.18 0.00	31.88 1.08 0.00	32.44 1.37 0.00	33.03 1.24 0.00	35.31 1.42 0.00	39.57 2.24 0.00	45.44 2.25 0.00	50.69 2.87 0.00	46.11 2.53 0.00	40.57 2.58 0.00	37.69 1.69 0.00	34.51 1.77 0.00
WOODARD___115KV_TB2 355635	31.47 -0.38 0.00	30.22 -0.43 0.00	28.96 -0.41 0.00	27.84 -0.40 0.00	27.73 -0.39 0.00	29.52 -0.39 0.00	32.67 -0.36 0.00	35.44 -0.43 0.00	37.62 -0.38 0.00	34.97 -0.35 0.00	34.41 -0.31 0.00	32.86 -0.37 0.00	30.57 -0.37 0.00	30.43 -0.37 0.00	30.67 -0.40 0.00	31.37 -0.41 0.00	33.48 -0.41 0.00	36.84 -0.49 0.00	42.72 -0.48 0.00	47.35 -0.48 0.00	43.15 -0.44 0.00	37.64 -0.34 0.00	35.67 -0.32 0.00	32.44 -0.29 0.00
YORK___WARBASSE 23770	50.14 1.94 -16.34	50.07 1.96 -17.46	49.53 1.82 -18.34	49.55 1.81 -19.50	49.49 1.86 -19.51	49.50 1.94 -17.65	50.15 2.05 -15.07	50.27 2.40 -11.99	50.84 2.36 -10.48	54.05 2.23 -16.50	50.85 2.08 -14.05	54.39 1.99 -19.17	53.16 1.89 -20.33	53.18 1.85 -20.53	53.13 1.96 -20.10	54.26 1.97 -20.50	55.71 2.13 -19.69	63.05 2.46 -23.26	64.92 2.85 -18.88	63.36 3.11 -12.43	72.25 2.75 -25.92	54.37 2.28 -14.10	52.11 1.98 -14.14	50.67 1.70 -16.23