

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/19/2023

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	28.76	25.46	23.74	23.17	22.39	23.27	25.02	26.69	29.89	32.21	33.59	35.95	37.05	39.79	41.84	49.46	56.22	64.96	55.29	45.39	42.19	37.88	33.97	30.82
24138	2.45	2.10	1.84	1.85	1.56	1.80	1.96	2.45	2.77	2.93	3.32	3.56	3.34	3.68	3.91	4.78	5.34	5.85	4.61	3.32	3.05	2.67	2.72	2.41
	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	-0.23	-0.34	0.00	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	28.86	25.48	23.81	23.19	22.47	23.25	24.97	26.71	29.94	32.21	33.36	35.95	37.09	39.90	41.80	49.55	56.38	65.08	55.34	45.47	42.31	37.92	34.16	30.96
24260	2.55	2.13	1.91	1.87	1.65	1.78	1.91	2.47	2.82	2.93	3.08	3.56	3.37	3.79	3.87	4.87	5.50	5.97	4.66	3.41	3.17	2.71	2.91	2.56
	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	-0.23	-0.34	0.00	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	28.86	25.48	23.81	23.19	22.47	23.25	24.97	26.71	29.94	32.21	33.36	35.95	37.09	39.90	41.80	49.55	56.38	65.08	55.34	45.47	42.31	37.92	34.16	30.96
24261	2.55	2.13	1.91	1.87	1.65	1.78	1.91	2.47	2.82	2.93	3.08	3.56	3.37	3.79	3.87	4.87	5.50	5.97	4.66	3.41	3.17	2.71	2.91	2.56
	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	-0.23	-0.34	0.00	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	27.86	24.73	23.15	22.58	21.93	22.74	24.47	25.77	28.85	30.52	31.01	34.17	35.33	37.91	39.75	47.05	54.14	62.95	53.87	44.84	41.87	37.53	33.19	29.97
24011	1.55	1.38	1.25	1.18	1.10	1.27	1.41	1.53	1.74	1.74	1.50	1.78	1.62	1.81	1.82	2.37	3.26	3.84	3.19	2.78	2.74	2.32	1.94	1.56
	0.00	0.00	0.00	-0.35	0.00	0.00	0.00	0.00	0.00	0.27	0.41	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
ADK RESOURCE___RCVRY	28.00	24.85	23.24	22.68	21.99	22.82	24.61	25.91	29.04	30.70	31.35	34.30	35.47	38.06	39.94	47.31	54.55	63.42	54.23	45.13	42.19	37.78	33.38	30.11
23798	1.69	1.50	1.34	1.28	1.17	1.35	1.55	1.67	1.93	1.92	1.83	1.91	1.75	1.95	2.01	2.64	3.67	4.31	3.55	3.07	3.05	2.57	2.13	1.70
	0.00	0.00	0.00	-0.35	0.00	0.00	0.00	0.00	0.00	0.27	0.41	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
ADK S GLENS___FALLS	27.86	24.73	23.15	22.58	21.93	22.74	24.47	25.77	28.85	30.52	31.01	34.17	35.33	37.91	39.75	47.05	54.14	62.95	53.87	44.84	41.87	37.53	33.19	29.97
24028	1.55	1.38	1.25	1.18	1.10	1.27	1.41	1.53	1.74	1.74	1.50	1.78	1.62	1.81	1.82	2.37	3.26	3.84	3.19	2.78	2.74	2.32	1.94	1.56
	0.00	0.00	0.00	-0.35	0.00	0.00	0.00	0.00	0.00	0.27	0.41	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
ADK_NYS___DAM	27.81	24.76	23.11	22.59	21.85	22.69	24.44	25.57	28.72	30.01	30.79	34.27	35.50	38.09	40.05	47.27	53.78	62.36	53.41	44.29	41.09	36.97	32.84	29.80
23527	1.50	1.40	1.20	1.20	1.02	1.22	1.38	1.33	1.60	1.51	1.71	1.88	1.79	1.98	2.12	2.59	2.90	3.25	2.73	2.23	1.96	1.76	1.59	1.39
	0.00	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.55	0.84	0.00	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	27.23	24.24	22.71	22.17	21.54	22.24	23.91	25.11	28.15	29.80	30.59	33.65	34.89	37.48	39.33	46.38	52.82	61.30	52.45	43.45	40.43	36.30	32.28	29.23
24190	0.92	0.89	0.81	0.78	0.71	0.77	0.85	0.87	1.03	0.99	1.02	1.26	1.18	1.37	1.40	1.70	1.93	2.19	1.77	1.39	1.29	1.09	1.03	0.82
	0.00	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.23	0.36	0.00	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	25.68	22.80	21.36	20.53	20.41	20.91	22.46	23.64	26.44	28.38	29.24	31.71	32.87	35.17	36.94	43.61	49.41	57.75	49.67	41.22	38.39	34.44	30.56	27.73
355683	-0.63	-0.56	-0.55	-0.53	-0.42	-0.56	-0.60	-0.61	-0.68	-0.67	-0.69	-0.68	-0.84	-0.94	-0.99	-1.07	-1.48	-1.36	-1.01	-0.84	-0.74	-0.77	-0.69	-0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.23	24.24	22.71	22.17	21.54	22.24	23.91	25.11	28.15	29.80	30.59	33.65	34.89	37.48	39.33	46.38	52.82	61.30	52.45	43.45	40.43	36.30	32.28	29.23
23571	0.92	0.89	0.81	0.78	0.71	0.77	0.85	0.87	1.03	0.99	1.02	1.26	1.18	1.37	1.40	1.70	1.93	2.19	1.77	1.39	1.29	1.09	1.03	0.82
	0.00	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.23	0.36	0.00	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	27.23	24.24	22.71	22.17	21.54	22.24	23.91	25.11	28.15	29.80	30.59	33.65	34.89	37.48	39.33	46.38	52.82	61.30	52.45	43.45	40.43	36.30	32.28	29.23
23572	0.92	0.89	0.81	0.78	0.71	0.77	0.85	0.87	1.03	0.99	1.02	1.26	1.18	1.37	1.40	1.70	1.93	2.19	1.77	1.39	1.29	1.09	1.03	0.82
	0.00	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.23	0.36	0.00	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___3	27.23	24.24	22.71	22.17	21.54	22.24	23.91	25.11	28.15	29.80	30.59	33.65	34.89	37.48	39.33	46.38	52.82	61.30	52.45	43.45	40.43	36.30	32.28	29.23
23573	0.92	0.89	0.81	0.78	0.71	0.77	0.85	0.87	1.03	0.99	1.02	1.26	1.18	1.37	1.40	1.70	1.93	2.19	1.77	1.39	1.29	1.09	1.03	0.82
	0.00	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.23	0.36	0.00	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___4 23574	27.23 0.92 0.00	24.24 0.89 0.00	22.71 0.81 0.00	22.17 0.78 -0.34	21.54 0.71 0.00	22.24 0.77 0.00	23.91 0.85 0.00	25.11 0.87 0.00	28.15 1.03 0.00	29.80 0.99 0.23	30.59 1.02 0.36	33.65 1.26 0.00	34.89 1.18 0.00	37.48 1.37 0.00	39.33 1.40 0.00	46.38 1.70 0.00	52.82 1.93 0.00	61.30 2.19 0.00	52.45 1.77 0.00	43.45 1.39 0.00	40.43 1.29 0.00	36.30 1.09 0.00	32.28 1.03 0.00	29.23 0.82 0.00
ALBANY___LFGE 323615	27.47 1.16 0.00	24.43 1.08 0.00	22.89 0.99 0.00	22.34 0.95 -0.34	21.66 0.83 0.00	22.44 0.97 0.00	24.12 1.06 0.00	25.33 1.09 0.00	28.42 1.30 0.00	30.08 1.28 0.25	30.98 1.44 0.38	33.94 1.55 0.00	35.20 1.48 0.00	37.77 1.66 0.00	39.67 1.75 0.00	46.82 2.14 0.00	53.38 2.49 0.00	61.89 2.78 0.00	52.91 2.23 0.00	43.87 1.81 0.00	40.78 1.64 0.00	36.65 1.44 0.00	32.56 1.31 0.00	29.49 1.08 0.00
ALCOA_PA_115KV_PL-6C 55860	25.73 -0.58 0.00	22.82 -0.54 0.00	21.38 -0.53 0.00	20.55 -0.51 0.00	20.43 -0.40 0.00	20.93 -0.54 0.00	22.48 -0.58 0.00	23.64 -0.61 0.00	26.44 -0.68 0.00	28.41 -0.64 0.00	29.27 -0.66 0.00	31.77 -0.62 0.00	32.94 -0.78 0.00	35.24 -0.87 0.00	36.98 -0.95 0.00	43.65 -1.03 0.00	49.46 -1.42 0.00	57.81 -1.30 0.00	49.77 -0.91 0.00	41.31 -0.76 0.00	38.47 -0.67 0.00	34.51 -0.70 0.00	30.59 -0.66 0.00	27.75 -0.65 0.00
ALCOA_RYNLDS___DRP 24188	25.73 -0.58 0.00	22.82 -0.54 0.00	21.38 -0.53 0.00	20.55 -0.51 0.00	20.43 -0.40 0.00	20.93 -0.54 0.00	22.48 -0.58 0.00	23.64 -0.61 0.00	26.44 -0.68 0.00	28.41 -0.64 0.00	29.27 -0.66 0.00	31.77 -0.62 0.00	32.94 -0.78 0.00	35.24 -0.87 0.00	36.98 -0.95 0.00	43.65 -1.03 0.00	49.46 -1.42 0.00	57.81 -1.30 0.00	49.77 -0.91 0.00	41.31 -0.76 0.00	38.47 -0.67 0.00	34.51 -0.70 0.00	30.59 -0.66 0.00	27.75 -0.65 0.00
ALCOA___DSASP 323711	25.73 -0.58 0.00	22.82 -0.54 0.00	21.38 -0.53 0.00	20.55 -0.51 0.00	20.49 -0.33 0.00	20.93 -0.54 0.00	22.48 -0.58 0.00	23.64 -0.61 0.00	26.44 -0.68 0.00	28.41 -0.64 0.00	29.30 -0.63 0.00	31.77 -0.62 0.00	32.94 -0.77 0.00	35.21 -0.90 0.00	36.98 -0.95 0.00	43.65 -1.03 0.00	49.46 -1.42 0.00	57.81 -1.30 0.00	49.77 -0.91 0.00	41.31 -0.76 0.00	38.47 -0.67 0.00	34.51 -0.70 0.00	30.59 -0.66 0.00	27.73 -0.68 0.00
ALLEGHENY___COGEN 23514	27.70 1.39 0.00	24.50 1.14 0.00	22.89 0.99 0.00	21.83 0.74 -0.04	21.56 0.73 0.00	22.44 0.97 0.00	23.98 0.92 0.00	24.87 0.63 0.00	27.42 0.30 0.00	29.43 0.38 0.00	29.81 -0.12 0.00	32.55 0.16 0.00	33.55 -0.17 0.00	35.75 -0.36 0.00	37.40 -0.53 0.00	43.83 -0.85 0.00	50.93 0.05 0.00	59.53 0.42 0.00	52.00 1.32 0.00	44.08 2.02 0.00	41.09 1.96 0.00	37.22 2.01 0.00	33.16 1.91 0.00	30.60 2.19 0.00
ALTAMONT_115KV_TB 2 55880	27.39 1.08 0.00	24.36 1.00 0.00	22.85 0.94 0.00	22.29 0.91 -0.34	21.64 0.81 0.00	22.37 0.90 0.00	24.03 0.97 0.00	25.24 0.99 0.00	28.28 1.17 0.00	30.05 1.16 0.17	30.84 1.17 0.25	33.81 1.43 0.00	35.06 1.35 0.00	37.66 1.55 0.00	39.52 1.59 0.00	46.60 1.92 0.00	53.07 2.19 0.00	61.59 2.48 0.00	52.71 2.03 0.00	43.71 1.64 0.00	40.66 1.53 0.00	36.51 1.30 0.00	32.47 1.22 0.00	29.43 1.02 0.00
ALTONA_WT_PWR 323606	26.60 0.29 0.00	23.47 0.12 0.00	21.93 0.02 0.00	21.07 0.02 0.00	21.08 0.25 0.00	21.60 0.13 0.00	23.24 0.18 0.00	24.56 0.31 0.00	27.55 0.43 0.00	29.72 0.67 0.00	30.62 0.69 0.00	33.04 0.65 0.00	34.15 0.44 0.00	36.58 0.47 0.00	38.42 0.49 0.00	45.44 0.76 0.00	50.58 -0.30 0.00	59.35 0.24 0.00	51.39 0.71 0.00	42.70 0.63 0.00	39.76 0.62 0.00	35.60 0.39 0.00	31.50 0.25 0.00	28.49 0.09 0.00
AMERICAN_REF_FUEL 24010	25.86 -0.45 0.00	22.94 -0.42 0.00	21.29 -0.61 0.00	20.31 -0.78 -0.04	20.14 -0.69 0.00	20.91 -0.56 0.00	22.30 -0.76 0.00	23.27 -0.97 0.00	25.87 -1.25 0.00	28.27 -0.78 0.00	28.46 -1.47 0.00	30.74 -1.65 0.00	33.27 -0.44 0.00	35.28 -0.83 0.00	36.79 -1.14 0.00	42.71 -1.96 0.00	49.66 -1.22 0.00	57.10 -2.01 0.00	49.46 -1.22 0.00	41.52 -0.55 0.00	38.63 -0.51 0.00	35.03 -0.18 0.00	30.25 -1.00 0.00	28.58 0.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.07 0.76 0.00	23.94 0.58 0.00	22.34 0.44 0.00	21.22 0.13 -0.04	20.99 0.17 0.00	21.88 0.41 0.00	23.55 0.49 0.00	24.82 0.58 0.00	27.69 0.57 0.00	30.12 1.08 0.00	30.59 0.66 0.00	32.94 0.55 0.00	35.63 1.92 0.00	37.81 1.70 0.00	39.41 1.48 0.00	45.80 1.12 0.00	53.12 2.24 0.00	61.00 1.89 0.00	52.71 2.03 0.00	44.21 2.14 0.00	41.01 1.88 0.00	37.29 2.08 0.00	32.19 0.94 0.00	30.05 1.65 0.00
ARTHUR_KILL_GT_1 23520	29.98 2.47 -1.20	25.44 2.08 -0.01	23.68 1.77 -0.01	23.15 1.83 -0.27	22.34 1.50 -0.01	23.06 1.59 0.00	24.69 1.64 0.01	26.49 2.25 0.01	33.37 2.71 -3.54	34.76 2.79 -2.92	34.41 3.14 -1.34	35.97 3.37 -0.21	36.74 3.04 0.01	39.60 3.50 0.01	41.56 3.64 0.01	49.18 4.51 0.01	55.91 5.04 0.01	64.54 5.43 0.01	54.83 4.16 0.01	44.92 2.86 0.01	41.95 2.82 0.01	37.81 2.61 0.01	36.27 2.84 -2.17	31.72 2.47 -0.84
ARTHUR_KILL_2 23512	29.91 2.39 -1.20	25.37 2.01 -0.01	23.62 1.71 -0.01	23.09 1.77 -0.27	22.27 1.44 -0.01	22.99 1.52 0.00	24.64 1.59 0.01	26.42 2.18 0.01	33.26 2.60 -3.54	34.64 2.67 -2.92	34.29 3.02 -1.34	35.84 3.24 -0.21	36.61 2.90 0.01	39.46 3.36 0.01	41.41 3.49 0.01	48.96 4.29 0.01	55.66 4.78 0.01	64.30 5.20 0.01	54.63 3.96 0.01	44.75 2.69 0.01	41.79 2.66 0.01	37.67 2.46 0.01	36.14 2.72 -2.17	31.60 2.36 -0.84
ARTHUR_KILL_3 23513	29.74 2.24 -1.19	25.21 1.84 0.00	23.51 1.60 0.00	22.94 1.62 -0.27	22.15 1.31 0.00	23.04 1.57 0.00	24.74 1.68 0.00	26.40 2.16 0.00	33.13 2.47 -3.55	34.53 2.56 -2.93	34.15 2.87 -1.35	35.69 3.08 -0.22	36.48 2.77 0.00	39.22 3.11 0.00	41.19 3.26 0.00	48.74 4.07 0.00	55.46 4.58 0.00	64.01 4.90 0.00	54.43 3.75 0.00	44.67 2.61 0.00	41.60 2.47 0.00	37.39 2.18 0.00	35.80 2.37 -2.18	31.43 2.19 -0.83
ARTHUR_KILL_COGEN 323718	29.98 2.47 -1.20	25.44 2.08 -0.01	23.68 1.77 -0.01	23.15 1.83 -0.27	22.34 1.50 -0.01	23.06 1.59 0.00	24.69 1.64 0.01	26.49 2.25 0.01	33.37 2.71 -3.54	34.76 2.79 -2.92	34.41 3.14 -1.34	35.97 3.37 -0.21	36.74 3.04 0.01	39.60 3.50 0.01	41.56 3.64 0.01	49.18 4.51 0.01	55.91 5.04 0.01	64.54 5.43 0.01	54.83 4.16 0.01	44.92 2.86 0.01	41.95 2.82 0.01	37.81 2.61 0.01	36.27 2.84 -2.17	31.72 2.47 -0.84
ASHOKAN____ 23654	27.73 1.42 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.23 0.88 -0.30	21.62 0.79 0.00	22.35 0.88 0.00	24.03 0.97 0.00	25.19 0.94 0.00	28.17 1.06 0.00	31.03 1.98 0.00	32.02 2.09 0.00	33.75 1.36 0.00	34.96 1.25 0.00	37.56 1.45 0.00	39.45 1.52 0.00	46.64 1.96 0.00	53.28 2.39 0.00	61.89 2.78 0.00	53.11 2.43 0.00	44.13 2.06 0.00	41.09 1.96 0.00	36.80 1.59 0.00	32.75 1.50 0.00	29.51 1.11 0.00

ASTORIA_EAST_ENERGY_CC1 323581	28.79 2.47 -0.01	25.49 2.13 -0.01	23.66 1.75 -0.01	23.23 1.92 -0.26	22.37 1.54 0.00	23.10 1.63 0.00	24.73 1.68 0.01	26.47 2.23 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.26 2.99 -0.34	35.70 3.31 -0.01	36.71 3.00 0.00	39.47 3.36 0.00	41.46 3.53 0.00	48.97 4.29 0.00	55.62 4.73 0.00	64.24 5.14 0.01	54.52 3.85 0.01	44.76 2.69 0.00	41.80 2.66 0.00	37.56 2.36 0.01	33.98 2.72 -0.01	30.89 2.47 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	28.79 2.47 -0.01	25.49 2.13 -0.01	23.66 1.75 -0.01	23.23 1.92 -0.26	22.37 1.54 0.00	23.10 1.63 0.00	24.73 1.68 0.01	26.47 2.23 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.26 2.99 -0.34	35.70 3.31 -0.01	36.71 3.00 0.00	39.47 3.36 0.00	41.46 3.53 0.00	48.97 4.29 0.00	55.62 4.73 0.00	64.24 5.14 0.01	54.52 3.85 0.01	44.76 2.69 0.00	41.80 2.66 0.00	37.56 2.36 0.01	33.98 2.72 -0.01	30.89 2.47 -0.01
ASTORIA_GT2_1 24094	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT2_2 24095	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT2_3 24096	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT2_4 24097	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT3_1 24098	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT3_2 24099	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT3_3 24100	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT3_4 24101	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT4_1 24102	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT4_2 24103	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT4_3 24104	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT4_4 24105	28.79 2.47 -0.01	25.49 2.13 -0.01	23.84 1.93 -0.01	23.12 1.81 -0.26	22.43 1.60 0.00	23.06 1.59 0.00	24.72 1.66 0.00	26.62 2.38 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.14 2.87 -0.34	35.73 3.34 -0.01	36.82 3.10 0.00	39.68 3.57 0.00	41.53 3.60 0.00	49.37 4.69 0.00	56.12 5.24 0.00	64.31 5.20 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.95 2.69 -0.01	30.92 2.50 -0.01
ASTORIA_GT_1 23523	28.87 2.55 -0.01	25.56 2.19 -0.01	23.71 1.80 -0.01	23.29 1.98 0.00	22.41 1.58 0.00	23.16 1.70 0.00	24.78 1.73 0.01	26.55 2.30 0.00	29.79 2.66 -0.01	32.04 2.76 -0.23	33.35 3.08 -0.01	35.80 3.40 -0.01	36.81 3.10 0.00	39.58 3.47 0.00	41.57 3.64 0.00	49.15 4.47 0.00	55.82 4.93 0.00	64.42 5.32 0.01	54.73 4.06 0.01	44.93 2.86 0.00	41.91 2.78 0.00	37.70 2.50 0.01	34.07 2.81 -0.01	30.97 2.56 -0.01

ASTORIA_GT_10 24110	28.79 2.47 -0.01	25.39 2.03 0.00	23.74 1.84 0.00	23.08 1.77 -0.26	22.37 1.54 0.00	23.08 1.61 0.00	24.77 1.71 0.00	26.59 2.35 0.00	30.94 2.68 -1.14	32.90 2.76 -1.09	33.49 2.90 -0.66	35.82 3.37 -0.06	36.88 3.17 0.00	39.72 3.61 0.00	41.57 3.64 0.00	49.24 4.56 0.00	55.97 5.09 0.00	64.43 5.32 0.00	54.73 4.05 0.00	45.01 2.94 0.00	42.03 2.90 0.00	37.67 2.46 0.00	34.01 2.75 -0.01	30.86 2.44 -0.01
ASTORIA_GT_11 24225	28.79 2.47 -0.01	25.39 2.03 0.00	23.74 1.84 0.00	23.08 1.77 -0.26	22.37 1.54 0.00	23.08 1.61 0.00	24.77 1.71 0.00	26.59 2.35 0.00	30.94 2.68 -1.14	32.90 2.76 -1.09	33.49 2.90 -0.66	35.82 3.37 -0.06	36.88 3.17 0.00	39.72 3.61 0.00	41.57 3.64 0.00	49.24 4.56 0.00	55.97 5.09 0.00	64.43 5.32 0.00	54.73 4.05 0.00	45.01 2.94 0.00	42.03 2.90 0.00	37.67 2.46 0.00	34.01 2.75 -0.01	30.86 2.44 -0.01
ASTORIA_GT_12 24226	28.79 2.47 -0.01	25.39 2.03 0.00	23.63 1.73 0.00	23.12 1.81 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.79 1.73 0.00	26.52 2.28 0.00	30.94 2.69 -1.14	32.93 2.79 -1.09	33.70 3.11 -0.66	35.79 3.34 -0.06	36.75 3.04 0.00	39.54 3.43 0.00	41.53 3.61 0.00	49.06 4.38 0.00	55.72 4.84 0.00	64.31 5.20 0.00	54.64 3.96 0.00	44.88 2.82 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.98 2.72 -0.01	30.86 2.44 -0.01
ASTORIA_GT_13 24227	28.79 2.47 -0.01	25.39 2.03 0.00	23.63 1.73 0.00	23.12 1.81 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.79 1.73 0.00	26.52 2.28 0.00	30.94 2.69 -1.14	32.93 2.79 -1.09	33.70 3.11 -0.66	35.79 3.34 -0.06	36.75 3.04 0.00	39.54 3.43 0.00	41.53 3.61 0.00	49.06 4.38 0.00	55.72 4.84 0.00	64.31 5.20 0.00	54.64 3.96 0.00	44.88 2.82 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.98 2.72 -0.01	30.86 2.44 -0.01
ASTORIA_GT_5 24106	28.87 2.55 -0.01	25.56 2.19 -0.01	23.71 1.80 -0.01	23.29 1.98 -0.26	22.41 1.58 0.00	23.16 1.70 0.00	24.78 1.73 0.01	26.55 2.30 0.00	29.79 2.66 -0.01	32.04 2.76 -0.23	33.35 3.08 -0.34	35.80 3.40 -0.01	36.81 3.10 0.00	39.58 3.47 0.00	41.57 3.64 0.00	49.15 4.47 0.00	55.82 4.93 0.00	64.42 5.32 0.01	54.73 4.06 0.01	44.93 2.86 0.00	41.91 2.78 0.00	37.70 2.50 0.01	34.07 2.81 -0.01	30.97 2.56 -0.01
ASTORIA_GT_7 24107	28.87 2.55 -0.01	25.56 2.19 -0.01	23.71 1.80 -0.01	23.29 1.98 -0.26	22.41 1.58 0.00	23.16 1.70 0.00	24.78 1.73 0.01	26.55 2.30 0.00	29.79 2.66 -0.01	32.04 2.76 -0.23	33.35 3.08 -0.34	35.80 3.40 -0.01	36.81 3.10 0.00	39.58 3.47 0.00	41.57 3.64 0.00	49.15 4.47 0.00	55.82 4.93 0.00	64.42 5.32 0.01	54.73 4.06 0.01	44.93 2.86 0.00	41.91 2.78 0.00	37.70 2.50 0.01	34.07 2.81 -0.01	30.97 2.56 -0.01
ASTORIA_GT_8 24108	28.87 2.55 -0.01	25.56 2.20 -0.01	23.88 1.97 -0.01	23.17 1.85 -0.26	22.47 1.65 0.00	23.10 1.63 0.00	24.77 1.71 0.00	26.67 2.42 0.00	29.78 2.66 -0.01	32.04 2.96 -0.23	33.23 2.76 -0.34	35.83 3.43 -0.01	36.92 3.20 0.00	39.76 3.65 0.00	41.65 3.72 0.00	49.50 4.83 0.00	56.28 5.39 0.00	64.49 5.38 0.00	54.79 4.11 0.00	45.09 3.03 0.00	42.07 2.94 0.00	37.71 2.50 0.00	34.01 2.75 -0.01	30.97 2.56 -0.01
ASTORIA___2 24149	28.79 2.47 -0.01	25.49 2.13 -0.01	23.66 1.75 -0.01	23.25 1.94 -0.26	22.37 1.54 0.00	23.10 1.63 0.00	24.73 1.68 0.01	26.50 2.25 0.00	29.70 2.58 -0.01	31.98 2.70 -0.23	33.26 2.99 -0.34	35.70 3.31 -0.01	36.71 3.00 0.00	39.50 3.39 0.00	41.46 3.53 0.00	49.01 4.33 0.00	55.66 4.78 0.00	64.24 5.14 0.01	54.58 3.90 0.01	44.80 2.73 0.00	41.80 2.66 0.00	37.60 2.40 0.01	33.98 2.72 -0.01	30.92 2.50 -0.01
ASTORIA___3 23516	28.79 2.47 -0.01	25.39 2.03 0.00	23.63 1.73 0.00	23.12 1.81 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.79 1.73 0.00	26.52 2.28 0.00	30.94 2.69 -1.14	32.93 2.79 -1.09	33.70 3.11 -0.66	35.79 3.34 -0.06	36.75 3.04 0.00	39.54 3.43 0.00	41.53 3.61 0.00	49.06 4.38 0.00	55.72 4.84 0.00	64.31 5.20 0.00	54.64 3.96 0.00	44.88 2.82 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.98 2.72 -0.01	30.86 2.44 -0.01
ASTORIA___4 23517	28.79 2.47 -0.01	25.39 2.03 0.00	23.74 1.84 0.00	23.08 1.77 -0.26	22.37 1.54 0.00	23.08 1.61 0.00	24.77 1.71 0.00	26.59 2.35 0.00	30.94 2.68 -1.14	32.90 2.76 -1.09	33.49 2.90 -0.66	35.82 3.37 -0.06	36.88 3.17 0.00	39.72 3.61 0.00	41.57 3.64 0.00	49.24 4.56 0.00	55.97 5.09 0.00	64.43 5.32 0.00	54.73 4.05 0.00	45.01 2.94 0.00	42.03 2.90 0.00	37.64 2.43 0.00	34.01 2.75 -0.01	30.86 2.44 -0.01
ASTORIA___5 23518	28.79 2.47 -0.01	25.39 2.03 0.00	23.63 1.73 0.00	23.12 1.81 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.79 1.73 0.00	26.52 2.28 0.00	30.94 2.69 -1.14	32.93 2.79 -1.09	33.70 3.11 -0.66	35.79 3.34 -0.06	36.75 3.04 0.00	39.54 3.43 0.00	41.53 3.61 0.00	49.06 4.38 0.00	55.72 4.84 0.00	64.31 5.20 0.00	54.64 3.96 0.00	44.88 2.82 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.98 2.72 -0.01	30.86 2.44 -0.01
AST_ENERGY_2_CC3 323677	28.63 2.32 0.00	25.27 1.92 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.79 1.73 0.00	26.45 2.21 0.00	29.67 2.55 0.00	31.92 2.64 -0.23	33.24 2.96 -0.34	35.53 3.14 0.00	36.61 2.90 0.00	39.36 3.25 0.00	41.34 3.42 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.25 5.14 0.00	54.64 3.96 0.00	44.88 2.82 0.00	41.76 2.62 0.00	37.53 2.32 0.00	33.75 2.50 0.00	30.68 2.27 0.00
AST_ENERGY_2_CC4 323678	28.63 2.32 0.00	25.27 1.92 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.79 1.73 0.00	26.45 2.21 0.00	29.67 2.55 0.00	31.92 2.64 -0.23	33.24 2.96 -0.34	35.53 3.14 0.00	36.61 2.90 0.00	39.36 3.25 0.00	41.34 3.42 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.25 5.14 0.00	54.64 3.96 0.00	44.88 2.82 0.00	41.76 2.62 0.00	37.53 2.32 0.00	33.75 2.50 0.00	30.68 2.27 0.00
ATHENS_STG_1 23668	27.52 1.21 0.00	24.45 1.10 0.00	22.93 1.03 0.00	22.38 1.03 -0.30	21.68 0.85 0.00	22.48 1.01 0.00	24.14 1.08 0.00	25.38 1.14 0.00	28.42 1.30 0.00	30.43 1.31 -0.07	31.53 1.50 -0.11	34.01 1.62 0.00	35.23 1.52 0.00	37.84 1.73 0.00	39.75 1.82 0.00	46.91 2.23 0.00	53.38 2.49 0.00	61.77 2.66 0.00	52.81 2.13 0.00	43.66 1.60 0.00	40.62 1.49 0.00	36.51 1.30 0.00	32.56 1.31 0.00	29.55 1.14 0.00
ATHENS_STG_2 23670	27.52 1.21 0.00	24.45 1.10 0.00	22.93 1.03 0.00	22.38 1.03 -0.30	21.68 0.85 0.00	22.48 1.01 0.00	24.14 1.08 0.00	25.38 1.14 0.00	28.42 1.30 0.00	30.43 1.31 -0.07	31.53 1.50 -0.11	34.01 1.62 0.00	35.23 1.52 0.00	37.84 1.73 0.00	39.75 1.82 0.00	46.91 2.23 0.00	53.38 2.49 0.00	61.77 2.66 0.00	52.81 2.13 0.00	43.66 1.60 0.00	40.62 1.49 0.00	36.51 1.30 0.00	32.56 1.31 0.00	29.55 1.14 0.00

ATHENS_STG_3 23677	27.52 1.21 0.00	24.45 1.10 0.00	22.93 1.03 0.00	22.38 1.03 -0.30	21.68 0.85 0.00	22.48 1.01 0.00	24.14 1.08 0.00	25.38 1.14 0.00	28.42 1.30 0.00	30.43 1.31 -0.07	31.53 1.50 -0.11	34.01 1.62 0.00	35.23 1.52 0.00	37.84 1.73 0.00	39.75 1.82 0.00	46.91 2.23 0.00	53.38 2.49 0.00	61.77 2.66 0.00	52.81 2.13 0.00	43.66 1.60 0.00	40.62 1.49 0.00	36.51 1.30 0.00	32.56 1.31 0.00	29.55 1.14 0.00
AUBURN____LFGE 323710	26.81 0.50 0.00	23.80 0.44 0.00	22.28 0.37 0.00	21.40 0.32 -0.03	21.14 0.31 0.00	21.88 0.41 0.00	23.50 0.44 0.00	24.75 0.51 0.00	27.71 0.60 0.00	29.75 0.70 0.00	30.65 0.72 0.00	32.84 0.45 0.00	34.42 0.71 0.00	36.80 0.69 0.00	38.88 0.95 0.00	45.71 1.03 0.00	52.41 1.53 0.00	60.71 1.60 0.00	52.20 1.52 0.00	43.45 1.39 0.00	40.35 1.21 0.00	36.41 1.20 0.00	32.09 0.84 0.00	29.23 0.82 0.00
BABYLON_RES_REC 323704	35.76 3.00 -6.45	32.28 2.59 -6.33	26.44 2.28 -2.26	23.48 2.15 -0.28	22.70 1.88 0.00	23.60 2.13 0.00	25.44 2.38 0.00	29.42 2.79 -2.40	34.53 3.23 -4.18	35.76 3.37 -3.34	33.87 3.56 -0.38	38.10 3.50 -2.21	38.11 3.04 -1.36	45.29 3.58 -5.60	49.47 3.76 -7.78	57.16 4.33 -8.15	60.68 4.84 -4.96	67.21 5.26 -2.84	59.02 4.16 -4.18	49.41 2.90 -4.44	45.45 2.90 -3.42	40.17 2.67 -2.28	35.25 3.31 -0.69	33.70 3.04 -2.25
BABYLON__69_KV_BK2 356345	36.11 3.34 -6.45	32.56 2.87 -6.33	26.79 2.63 -2.26	23.86 2.53 -0.28	23.14 2.31 0.00	23.98 2.51 0.00	25.57 2.51 0.00	29.79 3.15 -2.40	34.85 3.55 -4.18	36.13 3.75 -3.34	34.14 3.80 -0.41	42.43 4.40 -5.64	40.21 4.32 -2.18	46.62 4.62 -5.89	51.43 4.70 -8.80	64.26 5.67 -13.91	67.82 6.56 -10.37	79.51 7.33 -13.07	69.87 5.98 -13.21	57.53 4.59 -10.88	53.48 4.34 -10.00	45.48 3.77 -6.51	36.66 3.78 -1.63	34.59 3.44 -2.75
BARON_WINDS____WT_PWR 323822	26.73 0.42 0.00	23.66 0.30 0.00	22.12 0.22 0.00	21.08 -0.02 -0.05	20.83 0.00 0.00	21.68 0.21 0.00	23.31 0.25 0.00	24.56 0.31 0.00	27.39 0.27 0.00	29.57 0.52 0.00	30.17 0.24 0.00	32.65 0.26 0.00	34.76 1.05 0.00	36.94 0.83 0.00	38.61 0.68 0.00	45.12 0.45 0.00	52.16 1.27 0.00	60.17 1.07 0.00	51.89 1.21 0.00	43.41 1.35 0.00	40.31 1.17 0.00	36.44 1.23 0.00	31.84 0.59 0.00	29.46 1.05 0.00
BARRETT_IC_1 23704	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT_IC_10 23701	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT_IC_11 23702	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT_IC_12 23703	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT_IC_2 23705	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT_IC_3 23706	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT_IC_4 23707	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT_IC_5 23708	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT_IC_6 23709	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT_IC_7 23710	35.37 2.60 -6.45	31.93 2.24 -6.33	26.20 2.04 -2.26	23.31 1.98 -0.28	22.60 1.77 0.00	23.42 1.95 0.00	25.04 1.98 0.00	29.16 2.52 -2.40	34.01 2.71 -4.18	35.18 2.79 -3.34	33.04 2.75 -0.36	35.82 3.17 -0.26	37.77 3.07 -0.99	44.79 3.39 -5.28	48.81 3.57 -7.31	54.54 4.38 -5.49	59.10 4.83 -3.38	64.44 5.32 -0.02	54.90 4.21 -0.02	46.82 3.28 -1.47	42.57 3.05 -0.38	37.71 2.50 0.00	34.38 2.88 -0.26	32.95 2.56 -1.99

BARRETT_IC_8 23711	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT_IC_9 23700	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT___1 23545	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BARRETT___2 23546	35.38 2.61 -6.46	31.94 2.24 -6.34	26.16 1.99 -2.26	23.23 1.90 -0.29	22.43 1.60 0.00	23.32 1.85 0.00	25.12 2.05 -0.01	29.12 2.47 -2.40	34.04 2.74 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.60 2.95 -0.26	37.47 2.77 -0.99	44.68 3.29 -5.28	48.69 3.45 -7.31	54.32 4.16 -5.49	58.64 4.38 -3.38	63.85 4.73 -0.01	54.39 3.70 -0.01	46.23 2.69 -1.47	42.14 2.62 -0.38	37.47 2.26 0.00	34.33 2.81 -0.27	32.96 2.56 -2.00
BATAVIA___115KV_TB1 55881	26.84 0.53 0.00	23.75 0.40 0.00	22.10 0.20 0.00	21.09 0.00 -0.04	20.89 0.06 0.00	21.68 0.21 0.00	23.27 0.21 0.00	24.29 0.05 0.00	27.09 -0.03 0.00	29.48 0.44 0.00	30.65 0.72 0.00	32.10 -0.29 0.00	34.56 0.84 0.00	36.61 0.51 0.00	38.50 0.57 0.00	44.68 0.00 0.00	52.05 1.17 0.00	59.94 0.83 0.00	51.85 1.17 0.00	43.54 1.47 0.00	40.43 1.29 0.00	36.72 1.51 0.00	31.63 0.38 0.00	29.66 1.25 0.00
BAYONEEC___CTG1 323682	28.65 2.34 0.00	25.29 1.94 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.39 3.29 0.00	41.38 3.45 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.31 5.20 0.00	54.68 4.00 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.57 2.36 0.00	33.78 2.53 0.00	30.71 2.30 0.00
BAYONEEC___CTG10 323750	28.65 2.34 0.00	25.29 1.94 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.39 3.29 0.00	41.38 3.45 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.31 5.20 0.00	54.68 4.00 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.57 2.36 0.00	33.78 2.53 0.00	30.71 2.30 0.00
BAYONEEC___CTG2 323683	28.65 2.34 0.00	25.29 1.94 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.39 3.29 0.00	41.38 3.45 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.31 5.20 0.00	54.68 4.00 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.57 2.36 0.00	33.78 2.53 0.00	30.71 2.30 0.00
BAYONEEC___CTG3 323684	28.65 2.34 0.00	25.29 1.94 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.39 3.29 0.00	41.38 3.45 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.31 5.20 0.00	54.68 4.00 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.57 2.36 0.00	33.78 2.53 0.00	30.71 2.30 0.00
BAYONEEC___CTG4 323685	28.65 2.34 0.00	25.29 1.94 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.39 3.29 0.00	41.38 3.45 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.31 5.20 0.00	54.68 4.00 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.57 2.36 0.00	33.78 2.53 0.00	30.71 2.30 0.00
BAYONEEC___CTG5 323686	28.65 2.34 0.00	25.29 1.94 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.39 3.29 0.00	41.38 3.45 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.31 5.20 0.00	54.68 4.00 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.57 2.36 0.00	33.78 2.53 0.00	30.71 2.30 0.00
BAYONEEC___CTG6 323687	28.65 2.34 0.00	25.29 1.94 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.39 3.29 0.00	41.38 3.45 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.31 5.20 0.00	54.68 4.00 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.57 2.36 0.00	33.78 2.53 0.00	30.71 2.30 0.00
BAYONEEC___CTG7 323688	28.65 2.34 0.00	25.29 1.94 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.39 3.29 0.00	41.38 3.45 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.31 5.20 0.00	54.68 4.00 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.57 2.36 0.00	33.78 2.53 0.00	30.71 2.30 0.00
BAYONEEC___CTG8 323689	28.65 2.34 0.00	25.29 1.94 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.39 3.29 0.00	41.38 3.45 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.31 5.20 0.00	54.68 4.00 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.57 2.36 0.00	33.78 2.53 0.00	30.71 2.30 0.00
BAYONEEC___CTG9 323749	28.65 2.34 0.00	25.29 1.94 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.39 3.29 0.00	41.38 3.45 0.00	48.92 4.25 0.00	55.66 4.78 0.00	64.31 5.20 0.00	54.68 4.00 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.57 2.36 0.00	33.78 2.53 0.00	30.71 2.30 0.00

BEACON___LESR 323632	27.68 1.37 0.00	24.59 1.24 0.00	23.02 1.12 0.00	22.46 1.07 -0.34	21.77 0.94 0.00	22.56 1.09 0.00	24.30 1.24 0.00	25.53 1.28 0.00	28.64 1.52 0.00	30.31 1.51 0.25	31.23 1.68 0.37	34.20 1.81 0.00	35.43 1.72 0.00	37.99 1.88 0.00	39.90 1.97 0.00	47.09 2.41 0.00	53.68 2.80 0.00	62.36 3.25 0.00	53.36 2.68 0.00	44.25 2.19 0.00	41.13 1.99 0.00	36.90 1.69 0.00	32.78 1.53 0.00	29.69 1.28 0.00
BEAVER RIVER___HYD 24048	26.29 -0.03 0.00	23.26 -0.09 0.00	21.79 -0.11 0.00	20.92 -0.15 -0.01	20.73 -0.10 0.00	21.38 -0.09 0.00	23.01 -0.05 0.00	24.12 -0.12 0.00	26.90 -0.22 0.00	28.82 -0.23 0.00	29.69 -0.24 0.00	32.26 -0.13 0.00	33.61 -0.10 0.00	35.82 -0.29 0.00	37.67 -0.26 0.00	44.32 -0.36 0.00	50.58 -0.30 0.00	58.99 -0.12 0.00	50.93 0.25 0.00	42.40 0.33 0.00	39.49 0.35 0.00	35.53 0.32 0.00	31.38 0.13 0.00	28.41 0.00 0.00
BEEBEE_GT_13 23619	26.52 0.21 0.00	23.47 0.12 0.00	21.95 0.04 0.00	21.06 -0.02 -0.03	20.72 -0.10 0.00	21.47 0.00 0.00	23.08 0.02 0.00	24.19 -0.05 0.00	27.04 -0.08 0.00	29.31 0.26 0.00	30.38 0.45 0.00	32.10 -0.29 0.00	34.19 0.47 0.00	36.36 0.25 0.00	38.31 0.38 0.00	44.72 0.04 0.00	51.70 0.81 0.00	59.70 0.59 0.00	51.44 0.76 0.00	42.99 0.93 0.00	39.96 0.82 0.00	36.13 0.92 0.00	31.41 0.16 0.00	29.17 0.77 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.39 2.74 -2.34	25.63 2.27 -0.01	23.97 2.06 -0.01	23.30 1.98 -0.27	22.59 1.75 -0.01	23.25 1.78 0.00	24.93 1.87 0.00	26.81 2.57 0.00	38.16 2.98 -8.06	38.58 3.17 -6.37	35.84 3.29 -2.62	36.70 3.82 -0.49	37.29 3.57 0.00	40.25 4.08 -0.06	42.06 4.13 0.00	49.92 5.18 -0.06	56.74 5.80 -0.06	65.37 6.21 -0.06	55.49 4.81 0.00	45.51 3.45 0.00	42.54 3.40 0.00	38.22 2.96 -0.06	51.05 3.19 -16.61	32.80 2.76 -1.63
BETHLEHEM___GRP 23843	27.23 0.92 0.00	24.24 0.89 0.00	22.71 0.81 0.00	22.17 0.78 -0.34	21.54 0.71 0.00	22.24 0.77 0.00	23.91 0.85 0.00	25.11 0.87 0.00	28.15 1.03 0.00	29.80 0.99 0.23	30.59 1.02 0.36	33.65 1.26 0.00	34.89 1.18 0.00	37.48 1.37 0.00	39.33 1.40 0.00	46.38 1.70 0.00	52.82 1.93 0.00	61.30 2.19 0.00	52.45 1.77 0.00	43.45 1.39 0.00	40.43 1.29 0.00	36.30 1.09 0.00	32.28 1.03 0.00	29.23 0.82 0.00
BETHLEHEM___GS1 323560	27.23 0.92 0.00	24.24 0.89 0.00	22.69 0.79 0.00	22.17 0.78 -0.34	21.50 0.67 0.00	22.24 0.77 0.00	23.91 0.85 0.00	25.11 0.87 0.00	28.15 1.03 0.00	29.80 0.99 0.23	30.71 1.14 0.36	33.62 1.23 0.00	34.82 1.11 0.00	37.41 1.30 0.00	39.29 1.36 0.00	46.38 1.70 0.00	52.82 1.93 0.00	61.23 2.12 0.00	52.40 1.72 0.00	43.41 1.35 0.00	40.39 1.25 0.00	36.27 1.06 0.00	32.25 1.00 0.00	29.23 0.82 0.00
BETHLEHEM___GS2 323561	27.23 0.92 0.00	24.24 0.89 0.00	22.69 0.79 0.00	22.17 0.78 -0.34	21.50 0.67 0.00	22.24 0.77 0.00	23.91 0.85 0.00	25.11 0.87 0.00	28.15 1.03 0.00	29.80 0.99 0.23	30.71 1.14 0.36	33.62 1.23 0.00	34.82 1.11 0.00	37.41 1.30 0.00	39.29 1.36 0.00	46.38 1.70 0.00	52.82 1.93 0.00	61.23 2.12 0.00	52.40 1.72 0.00	43.41 1.35 0.00	40.39 1.25 0.00	36.27 1.06 0.00	32.25 1.00 0.00	29.23 0.82 0.00
BETHLEHEM___GS3 323562	27.23 0.92 0.00	24.24 0.89 0.00	22.69 0.79 0.00	22.17 0.78 -0.34	21.50 0.67 0.00	22.24 0.77 0.00	23.91 0.85 0.00	25.11 0.87 0.00	28.15 1.03 0.00	29.80 0.99 0.23	30.71 1.14 0.36	33.62 1.23 0.00	34.82 1.11 0.00	37.41 1.30 0.00	39.29 1.36 0.00	46.38 1.70 0.00	52.82 1.93 0.00	61.23 2.12 0.00	52.40 1.72 0.00	43.41 1.35 0.00	40.39 1.25 0.00	36.27 1.06 0.00	32.25 1.00 0.00	29.23 0.82 0.00
BETHLEHEM___STEEL 23779	26.52 0.21 0.00	23.45 0.09 0.00	21.88 -0.02 0.00	20.73 -0.36 -0.04	20.62 -0.21 0.00	21.40 -0.06 0.00	23.06 0.00 0.00	24.10 -0.15 0.00	26.85 -0.27 0.00	29.25 0.20 0.00	30.44 0.51 0.00	31.81 -0.58 0.00	34.35 0.64 0.00	36.33 0.22 0.00	38.23 0.30 0.00	44.37 -0.31 0.00	51.49 0.61 0.00	59.17 0.06 0.00	51.14 0.46 0.00	42.82 0.76 0.00	39.76 0.63 0.00	36.27 1.06 0.00	31.28 0.03 0.00	29.40 0.99 0.00
BETHLHEM_115KV_TB1 79974	27.28 0.97 0.00	24.27 0.91 0.00	22.76 0.85 0.00	22.21 0.82 -0.34	21.56 0.73 0.00	22.29 0.82 0.00	23.94 0.88 0.00	25.14 0.90 0.00	28.18 1.06 0.00	29.87 1.05 0.22	30.64 1.05 0.34	33.69 1.30 0.00	34.93 1.21 0.00	37.52 1.41 0.00	39.37 1.44 0.00	46.42 1.74 0.00	52.92 2.04 0.00	61.36 2.25 0.00	52.50 1.82 0.00	43.50 1.43 0.00	40.47 1.33 0.00	36.34 1.13 0.00	32.31 1.06 0.00	29.29 0.88 0.00
BETHPAGE_CC_5 323564	35.66 2.89 -6.45	32.19 2.50 -6.33	26.35 2.19 -2.26	23.42 2.08 -0.28	22.62 1.79 0.00	23.51 2.04 0.00	25.34 2.28 0.00	29.33 2.69 -2.40	34.45 3.14 -4.18	35.70 3.31 -3.34	33.80 3.50 -0.37	37.25 3.56 -1.30	38.17 3.37 -1.09	45.38 3.90 -5.37	49.43 4.06 -7.44	55.76 4.87 -6.22	60.45 5.39 -4.17	66.05 5.91 -1.03	56.55 4.71 -1.15	47.72 3.37 -2.28	43.59 3.25 -1.21	39.15 2.85 -1.09	34.85 3.22 -0.38	33.45 2.93 -2.11
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.55 0.24 0.00	23.50 0.14 0.00	21.90 0.00 0.00	20.69 -0.40 -0.04	20.64 -0.19 0.00	21.45 -0.02 0.00	23.11 0.05 0.00	24.14 -0.10 0.00	26.93 -0.19 0.00	29.34 0.29 0.00	30.53 0.60 0.00	31.94 -0.45 0.00	34.46 0.74 0.00	36.47 0.36 0.00	38.38 0.46 0.00	44.54 -0.13 0.00	51.70 0.81 0.00	59.40 0.30 0.00	51.29 0.61 0.00	42.99 0.93 0.00	39.88 0.74 0.00	36.37 1.16 0.00	31.38 0.12 0.00	29.46 1.05 0.00
BINGHAMTON___COGEN 23790	26.76 0.45 0.00	23.71 0.35 0.00	22.23 0.33 0.00	21.30 0.17 -0.08	21.04 0.21 0.00	21.79 0.32 0.00	23.45 0.39 0.00	24.68 0.44 0.00	27.58 0.46 0.00	29.66 0.61 0.00	30.59 0.66 0.00	32.94 0.55 0.00	34.62 0.91 0.00	36.94 0.83 0.00	38.80 0.87 0.00	45.57 0.89 0.00	52.26 1.37 0.00	60.41 1.30 0.00	51.90 1.22 0.00	43.16 1.09 0.00	40.11 0.98 0.00	36.20 0.99 0.00	31.91 0.66 0.00	29.15 0.74 0.00
BIXINCNT_115KV_LOAD 355685	26.57 0.26 0.00	23.52 0.16 0.00	21.97 0.07 0.00	20.59 -0.51 -0.04	20.68 -0.15 0.00	21.51 0.04 0.00	23.22 0.16 0.00	24.36 0.12 0.00	27.20 0.08 0.00	29.57 0.52 0.00	30.74 0.81 0.00	32.32 -0.06 0.00	34.83 1.11 0.00	36.76 0.65 0.00	38.57 0.64 0.00	44.86 0.18 0.00	52.05 1.17 0.00	59.70 0.59 0.00	51.49 0.81 0.00	43.16 1.09 0.00	40.04 0.90 0.00	36.55 1.34 0.00	31.56 0.31 0.00	29.54 1.14 0.00
BLACK RIVER___HYD 24047	26.52 0.21 0.00	23.43 0.07 0.00	21.97 0.07 0.00	21.07 0.00 -0.01	20.83 0.00 0.00	21.56 0.09 0.00	23.18 0.12 0.00	24.29 0.05 0.00	27.06 -0.05 0.00	28.99 -0.06 0.00	29.84 -0.09 0.00	32.49 0.10 0.00	33.85 0.14 0.00	36.04 -0.07 0.00	37.93 0.00 0.00	44.50 -0.18 0.00	50.99 0.10 0.00	59.47 0.36 0.00	51.44 0.76 0.00	42.91 0.84 0.00	39.96 0.82 0.00	35.98 0.77 0.00	31.72 0.47 0.00	28.72 0.31 0.00

BLACKRVR_115KV_TB2 79977	26.52 0.21 0.00	23.43 0.07 0.00	21.97 0.07 0.00	21.07 0.00 -0.01	20.83 0.00 0.00	21.56 0.09 0.00	23.20 0.14 0.00	24.29 0.05 0.00	27.06 -0.05 0.00	28.99 -0.06 0.00	29.90 -0.03 0.00	32.45 0.06 0.00	33.85 0.13 0.00	36.07 -0.04 0.00	37.89 -0.04 0.00	44.50 -0.18 0.00	50.93 0.05 0.00	59.40 0.30 0.00	51.44 0.76 0.00	42.91 0.84 0.00	39.92 0.78 0.00	35.98 0.77 0.00	31.72 0.47 0.00	28.72 0.31 0.00
BLISS_WT_PWR 323608	26.57 0.26 0.00	23.52 0.16 0.00	21.99 0.09 0.00	20.72 -0.38 -0.04	20.64 -0.19 0.00	21.53 0.06 0.00	23.15 0.09 0.00	24.39 0.15 0.00	27.23 0.11 0.00	29.60 0.55 0.00	30.05 0.12 0.00	32.49 0.10 0.00	35.03 1.31 0.00	37.16 1.05 0.00	38.65 0.72 0.00	44.99 0.31 0.00	52.26 1.37 0.00	59.94 0.83 0.00	51.79 1.11 0.00	43.45 1.39 0.00	40.31 1.17 0.00	36.62 1.41 0.00	31.66 0.41 0.00	29.63 1.22 0.00
BLUE_CIRC_CHEM_DRP 24182	27.52 1.21 0.00	24.48 1.12 0.00	22.95 1.05 0.00	22.39 1.01 -0.33	21.77 0.94 0.00	22.50 1.03 0.00	24.17 1.11 0.00	25.33 1.09 0.00	28.39 1.27 0.00	30.16 1.28 0.16	30.94 1.26 0.25	33.88 1.49 0.00	35.16 1.45 0.00	37.77 1.66 0.00	39.64 1.71 0.00	46.73 2.06 0.00	53.22 2.34 0.00	61.77 2.66 0.00	52.91 2.23 0.00	43.92 1.85 0.00	40.86 1.72 0.00	36.69 1.48 0.00	32.59 1.34 0.00	29.54 1.14 0.00
BOC_GAS_DRP 24189	27.31 1.00 0.00	24.29 0.93 0.00	22.78 0.88 0.00	22.25 0.86 -0.33	21.58 0.75 0.00	22.33 0.86 0.00	23.96 0.90 0.00	25.16 0.92 0.00	28.20 1.08 0.00	29.96 1.07 0.16	30.79 1.11 0.25	33.72 1.33 0.00	34.99 1.28 0.00	37.55 1.44 0.00	39.41 1.48 0.00	46.47 1.79 0.00	52.92 2.04 0.00	61.36 2.25 0.00	52.50 1.82 0.00	43.50 1.43 0.00	40.47 1.33 0.00	36.34 1.13 0.00	32.34 1.09 0.00	29.35 0.94 0.00
BOONVILLE_115KV_TB1 79983	26.76 0.45 0.00	23.68 0.33 0.00	22.19 0.28 0.00	21.31 0.25 -0.01	21.06 0.23 0.00	21.77 0.30 0.00	23.43 0.37 0.00	24.58 0.34 0.00	27.44 0.33 0.00	29.43 0.38 0.00	30.35 0.42 0.00	32.97 0.58 0.00	34.35 0.64 0.00	36.76 0.65 0.00	38.54 0.61 0.00	45.30 0.63 0.00	51.80 0.92 0.00	60.23 1.12 0.00	51.79 1.11 0.00	43.03 0.97 0.00	40.04 0.90 0.00	36.02 0.81 0.00	31.84 0.59 0.00	28.86 0.45 0.00
BORALEX_4TH_BRANCH 23824	27.81 1.50 0.00	24.76 1.40 0.00	23.11 1.20 0.00	22.59 1.20 -0.33	21.85 1.02 0.00	22.69 1.22 0.00	24.44 1.38 0.00	25.57 1.33 0.00	28.72 1.60 0.00	30.01 1.51 0.55	30.79 1.71 0.84	34.27 1.88 0.00	35.50 1.79 0.00	38.09 1.98 0.00	40.05 2.12 0.00	47.27 2.59 0.00	53.78 2.90 0.00	62.36 3.25 0.00	53.41 2.73 0.00	44.29 2.23 0.00	41.09 1.96 0.00	36.97 1.76 0.00	32.84 1.59 0.00	29.80 1.39 0.00
BOWLINE___1 23526	28.13 1.81 0.00	24.95 1.59 0.00	23.31 1.40 0.00	22.69 1.39 -0.25	21.95 1.12 0.00	22.80 1.33 0.00	24.51 1.45 0.00	26.04 1.79 0.00	29.13 2.01 0.00	31.32 2.06 -0.21	32.61 2.36 -0.32	34.95 2.56 0.00	36.11 2.39 0.00	38.78 2.67 0.00	40.74 2.81 0.00	48.17 3.49 0.00	54.85 3.97 0.00	63.37 4.26 0.00	53.97 3.29 0.00	44.46 2.40 0.00	41.33 2.19 0.00	37.15 1.94 0.00	33.25 2.00 0.00	30.17 1.76 0.00
BOWLINE___2 23595	28.10 1.79 0.00	24.92 1.57 0.00	23.31 1.40 0.00	22.69 1.39 -0.25	21.95 1.12 0.00	22.80 1.33 0.00	24.51 1.45 0.00	26.01 1.77 0.00	29.10 1.98 0.00	31.26 2.00 -0.21	32.58 2.34 -0.32	34.92 2.53 0.00	36.07 2.36 0.00	38.74 2.63 0.00	40.66 2.73 0.00	48.07 3.39 0.00	54.75 3.87 0.00	63.31 4.20 0.00	53.93 3.25 0.00	44.38 2.31 0.00	41.29 2.15 0.00	37.07 1.86 0.00	33.22 1.97 0.00	30.14 1.73 0.00
BRADY___115KV_TB2 356060	25.79 -0.53 0.00	22.87 -0.49 0.00	21.40 -0.50 0.00	20.57 -0.48 0.00	20.45 -0.37 0.00	20.98 -0.49 0.00	22.53 -0.53 0.00	23.66 -0.58 0.00	26.44 -0.68 0.00	28.41 -0.64 0.00	29.27 -0.66 0.00	31.81 -0.58 0.00	32.97 -0.74 0.00	35.24 -0.87 0.00	37.02 -0.91 0.00	43.69 -0.98 0.00	49.51 -1.37 0.00	57.93 -1.18 0.00	49.92 -0.76 0.00	41.48 -0.59 0.00	38.67 -0.47 0.00	34.65 -0.56 0.00	30.69 -0.56 0.00	27.78 -0.62 0.00
BRANSCOMB___SOLAR 323811	27.81 1.50 0.00	24.71 1.35 0.00	23.11 1.20 0.00	22.58 1.18 -0.35	21.87 1.04 0.00	22.69 1.22 0.00	24.40 1.34 0.00	25.60 1.36 0.00	28.66 1.54 0.00	30.26 1.51 0.30	31.03 1.56 0.46	34.04 1.65 0.00	35.27 1.55 0.00	37.84 1.73 0.00	39.75 1.82 0.00	46.96 2.28 0.00	53.78 2.90 0.00	62.48 3.37 0.00	53.47 2.79 0.00	44.50 2.44 0.00	41.48 2.35 0.00	37.25 2.04 0.00	33.03 1.78 0.00	29.88 1.48 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.87 3.10 -6.45	32.40 2.71 -6.33	26.64 2.48 -2.26	23.71 2.38 -0.28	23.04 2.21 0.00	23.85 2.38 0.00	25.41 2.35 0.00	29.64 3.01 -2.40	34.64 3.34 -4.18	35.87 3.49 -3.34	33.88 3.47 -0.48	50.39 3.98 -14.02	39.69 3.78 -2.20	45.93 4.01 -5.81	50.85 4.10 -8.83	63.65 4.91 -14.06	60.40 5.65 -3.87	74.48 6.27 -9.11	69.14 5.02 -13.44	56.94 3.83 -11.05	52.98 3.68 -10.17	52.70 3.24 -14.25	36.21 3.31 -1.65	35.16 3.12 -3.63
BRISTLHL_115KV_TB1 79998	25.97 -0.34 0.00	23.08 -0.28 0.00	21.62 -0.28 0.00	20.80 -0.27 -0.02	20.54 -0.29 0.00	21.21 -0.26 0.00	22.78 -0.28 0.00	23.93 -0.32 0.00	26.74 -0.38 0.00	28.64 -0.41 0.00	29.48 -0.45 0.00	31.81 -0.58 0.00	33.24 -0.47 0.00	35.53 -0.58 0.00	37.28 -0.64 0.00	43.87 -0.80 0.00	50.17 -0.71 0.00	58.22 -0.89 0.00	49.92 -0.76 0.00	41.52 -0.55 0.00	38.63 -0.51 0.00	34.89 -0.32 0.00	30.91 -0.34 0.00	28.15 -0.26 0.00
BROOKHAVEN___DRP 24191	35.68 2.92 -6.45	32.21 2.52 -6.33	26.46 2.30 -2.26	23.54 2.21 -0.28	22.97 2.15 0.00	23.79 2.32 0.00	25.18 2.12 0.00	29.38 2.74 -2.40	34.29 2.98 -4.18	35.52 3.14 -3.34	33.70 3.38 -0.39	40.55 3.85 -4.30	44.31 3.81 -6.79	48.58 4.19 -8.28	56.69 4.21 -14.56	96.31 5.18 -46.44	93.57 5.85 -36.84	127.70 6.68 -61.91	120.29 5.42 -64.19	93.46 4.16 -47.23	90.13 3.84 -47.16	49.78 3.27 -11.30	41.54 3.38 -6.92	34.77 3.01 -3.35
BROOKLYN_NAVY_YARD 23515	28.68 2.37 0.00	25.27 1.92 0.00	23.59 1.69 0.00	23.02 1.70 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.50 2.25 0.00	29.72 2.60 0.00	32.00 2.73 -0.23	33.29 3.02 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.39 3.29 0.00	41.38 3.45 0.00	49.01 4.33 0.00	55.77 4.89 0.00	64.43 5.32 0.00	54.78 4.10 0.00	44.97 2.90 0.00	41.83 2.70 0.00	37.57 2.36 0.00	33.84 2.59 0.00	30.74 2.33 0.00
BROOKLYN___ARMY_DRP 323595	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63



BROOKVLE_69_KV_TB1 55790	35.53 2.76 -6.45	32.05 2.36 -6.33	26.31 2.15 -2.26	23.39 2.06 -0.28	22.66 1.83 0.00	23.49 2.02 0.00	25.16 2.10 0.00	29.28 2.64 -2.40	34.31 3.01 -4.18	35.55 3.17 -3.34	33.61 3.32 -0.36	36.47 3.82 -0.26	38.41 3.71 -0.99	45.51 4.12 -5.28	49.45 4.21 -7.31	55.35 5.18 -5.49	60.17 5.90 -3.38	65.63 6.50 -0.02	55.86 5.17 -0.02	47.45 3.91 -1.47	43.16 3.64 -0.38	38.27 3.06 0.00	34.73 3.22 -0.26	33.21 2.81 -1.99
BROOME_2_LFGE 323671	26.76 0.45 0.00	23.71 0.35 0.00	22.23 0.33 0.00	21.34 0.21 -0.08	20.99 0.17 0.00	21.79 0.32 0.00	23.43 0.37 0.00	24.68 0.44 0.00	27.58 0.46 0.00	29.66 0.61 0.00	30.47 0.54 0.00	32.97 0.58 0.00	34.66 0.94 0.00	37.01 0.90 0.00	38.80 0.87 0.00	45.62 0.94 0.00	52.31 1.42 0.00	60.47 1.36 0.00	51.95 1.27 0.00	43.24 1.18 0.00	40.19 1.06 0.00	36.23 1.02 0.00	31.94 0.69 0.00	29.18 0.77 0.00
BROOME___LFGE 323600	26.76 0.45 0.00	23.71 0.35 0.00	22.23 0.33 0.00	21.34 0.21 -0.08	20.99 0.17 0.00	21.79 0.32 0.00	23.43 0.37 0.00	24.68 0.44 0.00	27.58 0.46 0.00	29.66 0.61 0.00	30.47 0.54 0.00	32.97 0.58 0.00	34.66 0.94 0.00	37.01 0.90 0.00	38.80 0.87 0.00	45.62 0.94 0.00	52.31 1.42 0.00	60.47 1.36 0.00	51.95 1.27 0.00	43.24 1.18 0.00	40.19 1.06 0.00	36.23 1.02 0.00	31.94 0.69 0.00	29.18 0.77 0.00
BROWNFLS_115KV_TB_3_5 80003	25.71 -0.61 0.00	22.75 -0.61 0.00	21.29 -0.61 0.00	20.47 -0.59 -0.01	20.31 -0.52 0.00	20.91 -0.56 0.00	22.48 -0.58 0.00	23.59 -0.65 0.00	26.36 -0.76 0.00	28.29 -0.76 0.00	29.12 -0.81 0.00	31.61 -0.78 0.00	32.84 -0.88 0.00	35.10 -1.01 0.00	36.87 -1.06 0.00	43.43 -1.25 0.00	49.41 -1.48 0.00	57.75 -1.36 0.00	49.82 -0.86 0.00	41.43 -0.63 0.00	38.59 -0.55 0.00	34.65 -0.56 0.00	30.66 -0.59 0.00	27.75 -0.65 0.00
BROWNSV1_27_KV_LOAD 356125	28.94 2.63 0.00	25.53 2.17 0.00	23.87 1.97 0.00	23.25 1.94 -0.26	22.52 1.69 0.00	23.29 1.82 0.00	25.02 1.96 0.00	26.76 2.52 0.00	29.99 2.87 0.00	32.27 2.99 -0.23	33.42 3.14 -0.34	36.02 3.63 0.00	37.15 3.44 0.00	39.97 3.86 0.00	41.91 3.98 0.00	49.64 4.96 0.00	56.48 5.60 0.00	65.26 6.15 0.00	55.49 4.81 0.00	45.60 3.53 0.00	42.42 3.29 0.00	38.03 2.82 0.00	34.25 3.00 0.00	31.05 2.64 0.00
BURROWS___LYONSDAL 23803	26.65 0.34 0.00	23.59 0.23 0.00	22.10 0.20 0.00	21.23 0.17 -0.01	20.97 0.15 0.00	21.71 0.24 0.00	23.34 0.28 0.00	24.48 0.24 0.00	27.34 0.22 0.00	29.31 0.26 0.00	30.23 0.30 0.00	32.81 0.42 0.00	34.19 0.47 0.00	36.58 0.47 0.00	38.35 0.42 0.00	45.08 0.40 0.00	51.54 0.66 0.00	59.94 0.83 0.00	51.59 0.91 0.00	42.91 0.84 0.00	39.92 0.78 0.00	35.91 0.70 0.00	31.75 0.50 0.00	28.78 0.37 0.00
CAITHNESS_CC_1 323624	35.71 2.95 -6.45	32.21 2.52 -6.33	26.40 2.24 -2.26	23.39 2.06 -0.28	22.74 1.92 0.00	23.62 2.15 0.00	25.46 2.40 0.00	29.28 2.64 -2.40	34.31 3.01 -4.18	35.50 3.11 -3.34	33.82 3.50 -0.39	40.12 3.43 -4.30	43.74 3.27 -6.76	50.13 3.79 -10.23	56.28 3.83 -14.52	95.52 4.60 -46.23	109.30 5.09 -53.33	125.55 5.55 -60.88	119.04 4.51 -63.86	92.22 3.16 -47.00	89.11 3.05 -46.92	49.24 2.78 -11.25	41.32 3.19 -6.88	34.70 2.95 -3.34
CALPINE BETH_PAGE_GT4 24209	35.63 2.87 -6.45	32.17 2.48 -6.33	26.42 2.26 -2.26	23.52 2.19 -0.28	22.79 1.96 0.00	23.62 2.15 0.00	25.23 2.17 0.00	29.40 2.76 -2.40	34.45 3.15 -4.18	35.67 3.28 -3.34	33.62 3.32 -0.37	37.22 3.82 -1.01	38.55 3.78 -1.06	45.51 4.12 -5.28	49.55 4.21 -7.41	55.89 5.18 -6.03	60.22 5.95 -3.38	66.50 6.62 -0.77	56.87 5.32 -0.86	48.18 4.04 -2.08	43.89 3.76 -1.00	39.17 3.17 -0.79	34.88 3.28 -0.35	33.41 2.93 -2.08
CALPINE_BETH_PAGE_GT_4 323586	35.63 2.87 -6.45	32.17 2.47 -6.33	26.35 2.19 -2.26	23.42 2.08 -0.28	22.62 1.79 0.00	23.49 2.02 0.00	25.32 2.26 0.00	29.33 2.69 -2.40	34.42 3.12 -4.18	35.67 3.28 -3.34	33.80 3.50 -0.37	36.96 3.56 -1.01	38.18 3.40 -1.06	45.39 3.94 -5.35	49.43 4.10 -7.41	55.58 4.87 -6.03	60.30 5.45 -3.97	65.85 5.97 -0.77	56.31 4.76 -0.86	47.55 3.41 -2.08	43.42 3.29 -1.00	38.89 2.89 -0.79	34.85 3.25 -0.35	33.41 2.93 -2.08
CALPINE_BP_GT1 23823	35.63 2.87 -6.45	32.17 2.47 -6.33	26.35 2.19 -2.26	23.42 2.08 -0.28	22.62 1.79 0.00	23.49 2.02 0.00	25.32 2.26 0.00	29.33 2.69 -2.40	34.42 3.12 -4.18	35.67 3.28 -3.34	33.80 3.50 -0.37	36.96 3.56 -1.01	38.18 3.40 -1.06	45.39 3.94 -5.35	49.43 4.10 -7.41	55.58 4.87 -6.03	60.30 5.45 -3.97	65.85 5.97 -0.77	56.31 4.76 -0.86	47.55 3.41 -2.08	43.42 3.29 -1.00	38.89 2.89 -0.79	34.85 3.25 -0.35	33.41 2.93 -2.08
CALSPAN___DRP 24200	26.52 0.21 0.00	23.45 0.09 0.00	21.88 -0.02 0.00	20.73 -0.36 -0.04	20.62 -0.21 0.00	21.40 -0.06 0.00	23.06 0.00 0.00	24.10 -0.15 0.00	26.85 -0.27 0.00	29.25 0.20 0.00	30.44 0.51 0.00	31.81 0.58 0.00	34.35 0.64 0.00	36.33 0.22 0.00	38.23 0.30 0.00	44.37 -0.31 0.00	51.49 0.61 0.00	59.17 0.06 0.00	51.14 0.46 0.00	42.82 0.76 0.00	39.76 0.63 0.00	36.27 1.06 0.00	31.28 0.03 0.00	29.40 0.99 0.00
CALVERTON___SOLAR 323806	35.84 3.08 -6.45	32.33 2.64 -6.33	26.48 2.32 -2.26	23.48 2.15 -0.28	22.87 2.04 0.00	23.74 2.27 0.00	25.62 2.56 0.00	29.37 2.74 -2.40	34.45 3.14 -4.18	35.67 3.28 -3.34	34.09 3.77 -0.39	40.45 3.76 -4.31	44.16 3.64 -6.80	50.57 4.19 -10.27	56.75 4.25 -14.57	96.26 5.05 -46.54	111.50 5.65 -54.97	127.59 6.26 -62.22	120.13 5.12 -64.33	93.06 3.66 -47.33	89.92 3.52 -47.26	49.73 3.20 -11.32	41.68 3.50 -6.93	34.91 3.15 -3.35
CANDIGU_WT_PWR 323617	26.73 0.42 0.00	23.66 0.30 0.00	22.12 0.22 0.00	21.08 -0.02 -0.05	20.83 0.00 0.00	21.68 0.21 0.00	23.31 0.25 0.00	24.56 0.31 0.00	27.39 0.27 0.00	29.57 0.52 0.00	30.17 0.24 0.00	32.65 0.26 0.00	34.76 1.05 0.00	36.94 0.83 0.00	38.61 0.68 0.00	45.12 0.45 0.00	52.16 1.27 0.00	60.17 1.07 0.00	51.89 1.21 0.00	43.41 1.35 0.00	40.31 1.17 0.00	36.44 1.23 0.00	31.84 0.59 0.00	29.46 1.05 0.00
CARR STREET_E._SYR 24060	26.15 -0.16 0.00	23.22 -0.14 0.00	21.77 -0.13 0.00	20.93 -0.15 -0.02	20.64 -0.19 0.00	21.36 -0.11 0.00	22.92 -0.14 0.00	24.12 -0.12 0.00	26.98 -0.13 0.00	28.96 -0.09 0.00	29.72 -0.21 0.00	32.23 -0.16 0.00	33.75 0.03 0.00	36.04 -0.07 0.00	37.85 -0.08 0.00	44.54 -0.13 0.00	50.99 0.10 0.00	59.05 -0.06 0.00	50.68 0.00 0.00	42.15 0.08 0.00	39.17 0.04 0.00	35.32 0.11 0.00	31.19 -0.06 0.00	28.44 0.03 0.00
CARTHAGE___PAPER 23857	26.34 0.03 0.00	23.29 -0.07 0.00	21.82 -0.09 0.00	20.94 -0.13 -0.01	20.75 -0.08 0.00	21.43 -0.04 0.00	23.06 0.00 0.00	24.14 -0.10 0.00	26.90 -0.22 0.00	28.82 -0.23 0.00	29.66 -0.27 0.00	32.26 -0.13 0.00	33.61 -0.10 0.00	35.82 -0.29 0.00	37.67 -0.26 0.00	44.27 -0.40 0.00	50.63 -0.25 0.00	59.11 0.00 0.00	51.14 0.46 0.00	42.61 0.55 0.00	39.68 0.55 0.00	35.70 0.49 0.00	31.50 0.25 0.00	28.52 0.11 0.00

CASSADAGA_WT_PWR 323784	27.23 0.92 0.00	24.06 0.70 0.00	22.45 0.55 0.00	21.31 0.21 -0.04	21.10 0.27 0.00	22.01 0.54 0.00	23.68 0.62 0.00	24.99 0.75 0.00	27.91 0.79 0.00	30.36 1.31 0.00	30.86 0.93 0.00	33.20 0.81 0.00	35.90 2.19 0.00	38.06 1.95 0.00	39.64 1.71 0.00	46.11 1.43 0.00	53.48 2.59 0.00	61.35 2.25 0.00	53.01 2.33 0.00	44.46 2.40 0.00	41.25 2.11 0.00	37.57 2.36 0.00	32.41 1.16 0.00	30.23 1.82 0.00
CE_DUNWOOD___DRP 24194	28.39 2.08 0.00	25.13 1.78 0.00	23.50 1.60 0.00	22.87 1.56 -0.26	22.18 1.35 0.00	22.97 1.50 0.00	24.67 1.61 0.00	26.25 2.01 0.00	29.40 2.28 0.00	31.63 2.35 -0.22	32.76 2.48 -0.34	35.30 2.92 0.00	36.48 2.76 0.00	39.21 3.11 0.00	41.15 3.22 0.00	48.65 3.98 0.00	55.41 4.53 0.00	64.07 4.97 0.00	54.53 3.85 0.00	44.93 2.86 0.00	41.76 2.62 0.00	37.46 2.25 0.00	33.59 2.34 0.00	30.45 2.05 0.00
CE_MILLWOOD___DRP 24193	28.31 2.00 0.00	25.06 1.71 0.00	23.46 1.56 0.00	22.83 1.52 -0.26	22.14 1.31 0.00	22.93 1.46 0.00	24.63 1.57 0.00	26.18 1.94 0.00	29.31 2.20 0.00	31.54 2.27 -0.22	32.63 2.36 -0.34	35.18 2.79 0.00	36.38 2.66 0.00	39.11 3.00 0.00	41.00 3.07 0.00	48.48 3.80 0.00	55.21 4.33 0.00	63.84 4.73 0.00	54.38 3.70 0.00	44.80 2.73 0.00	41.64 2.50 0.00	37.36 2.15 0.00	33.47 2.22 0.00	30.37 1.96 0.00
CE_NYC2_DRP 24202	28.79 2.47 -0.01	25.39 2.03 0.00	23.74 1.84 0.00	23.08 1.77 -0.26	22.37 1.54 0.00	23.10 1.63 0.00	24.79 1.73 0.00	26.59 2.35 0.00	30.94 2.68 -1.14	32.93 2.79 -1.09	33.52 2.93 -0.66	35.85 3.40 -0.06	36.88 3.17 0.00	39.72 3.61 0.00	41.61 3.68 0.00	49.28 4.60 0.00	55.97 5.09 0.00	64.43 5.32 0.00	54.73 4.05 0.00	45.05 2.99 0.00	42.03 2.90 0.00	37.67 2.46 0.00	34.04 2.78 -0.01	30.86 2.44 -0.01
CE_NYC_DRP 24195	28.68 2.37 0.00	25.32 1.96 0.00	23.66 1.75 0.00	23.04 1.73 -0.26	22.33 1.50 0.00	23.12 1.65 0.00	24.81 1.75 0.00	26.54 2.30 0.00	29.72 2.60 0.00	31.98 2.70 -0.23	33.09 2.81 -0.34	35.69 3.30 0.00	36.82 3.10 0.00	39.58 3.47 0.00	41.49 3.57 0.00	49.15 4.47 0.00	55.92 5.04 0.00	64.55 5.44 0.00	54.89 4.21 0.00	45.14 3.07 0.00	41.95 2.82 0.00	37.64 2.43 0.00	33.91 2.66 0.00	30.74 2.33 0.00
CHAFFEE___LFGE 323603	26.55 0.24 0.00	23.47 0.12 0.00	21.90 0.00 0.00	20.78 -0.32 -0.04	20.58 -0.25 0.00	21.43 -0.04 0.00	23.01 -0.05 0.00	24.14 -0.10 0.00	26.90 -0.22 0.00	29.31 0.26 0.00	29.69 -0.24 0.00	32.10 -0.29 0.00	34.72 1.01 0.00	36.87 0.76 0.00	38.42 0.49 0.00	44.68 0.00 0.00	51.90 1.02 0.00	59.64 0.53 0.00	51.59 0.91 0.00	43.29 1.22 0.00	40.19 1.06 0.00	36.44 1.23 0.00	31.44 0.19 0.00	29.51 1.11 0.00
CHATEAUG_35_KV_LOAD 355732	26.00 -0.32 0.00	22.96 -0.40 0.00	21.44 -0.46 0.00	20.63 -0.42 0.00	20.58 -0.25 0.00	21.08 -0.39 0.00	22.69 -0.37 0.00	23.97 -0.27 0.00	26.87 -0.24 0.00	28.93 -0.12 0.00	29.78 -0.15 0.00	32.20 -0.19 0.00	33.31 -0.40 0.00	35.60 -0.51 0.00	37.47 -0.46 0.00	44.32 -0.36 0.00	50.27 -0.61 0.00	58.99 -0.12 0.00	51.03 0.35 0.00	42.44 0.38 0.00	39.49 0.35 0.00	35.35 0.14 0.00	31.31 0.06 0.00	28.35 -0.06 0.00
CHATEAUG_WT_PWR 323614	26.10 -0.21 0.00	23.05 -0.30 0.00	21.55 -0.35 0.00	20.71 -0.34 0.00	20.70 -0.12 0.00	21.19 -0.28 0.00	22.81 -0.25 0.00	24.10 -0.14 0.00	27.01 -0.11 0.00	29.11 0.06 0.00	29.99 0.06 0.00	32.36 -0.03 0.00	33.51 -0.20 0.00	35.86 -0.25 0.00	37.67 -0.26 0.00	44.54 -0.13 0.00	50.32 -0.56 0.00	59.05 -0.06 0.00	51.08 0.40 0.00	42.44 0.38 0.00	39.49 0.35 0.00	35.39 0.18 0.00	31.31 0.06 0.00	28.35 -0.06 0.00
CHAT_HIGH_FALL_HYD 323578	26.00 -0.31 0.00	22.96 -0.40 0.00	21.44 -0.46 0.00	20.63 -0.42 0.00	20.62 -0.21 0.00	21.08 -0.39 0.00	22.69 -0.37 0.00	23.98 -0.27 0.00	26.87 -0.24 0.00	28.93 -0.12 0.00	29.81 -0.12 0.00	32.20 -0.19 0.00	33.31 -0.40 0.00	35.68 -0.43 0.00	37.48 -0.45 0.00	44.32 -0.36 0.00	50.22 -0.66 0.00	58.99 -0.12 0.00	51.04 0.36 0.00	42.40 0.33 0.00	39.49 0.35 0.00	35.35 0.14 0.00	31.28 0.03 0.00	28.32 -0.08 0.00
CHAUTAUQUA___LFGE 323629	26.97 0.66 0.00	23.85 0.49 0.00	22.25 0.35 0.00	21.14 0.04 -0.04	20.91 0.08 0.00	21.79 0.32 0.00	23.43 0.37 0.00	24.68 0.44 0.00	27.53 0.41 0.00	29.95 0.90 0.00	30.41 0.48 0.00	32.78 0.39 0.00	35.43 1.72 0.00	37.59 1.48 0.00	39.18 1.25 0.00	45.57 0.89 0.00	52.87 1.98 0.00	60.71 1.60 0.00	52.45 1.77 0.00	44.00 1.94 0.00	40.82 1.68 0.00	37.11 1.90 0.00	32.03 0.78 0.00	29.94 1.53 0.00
CHERRYST_13_KV_LD 356241	28.76 2.45 0.00	25.39 2.03 0.00	23.74 1.84 0.00	23.12 1.81 -0.26	22.41 1.58 0.00	23.21 1.74 0.00	24.91 1.84 0.00	26.67 2.42 0.00	29.86 2.74 0.00	32.12 2.85 -0.23	33.27 2.99 -0.34	35.86 3.47 0.00	36.98 3.27 0.00	39.79 3.68 0.00	41.68 3.75 0.00	49.37 4.69 0.00	56.18 5.29 0.00	64.90 5.79 0.00	55.14 4.46 0.00	45.30 3.24 0.00	42.11 2.97 0.00	37.75 2.54 0.00	34.00 2.75 0.00	30.82 2.41 0.00
CHESTROR_138KV_BK263 355645	27.92 1.60 0.00	24.73 1.38 0.00	23.17 1.27 0.00	22.51 1.22 -0.24	21.87 1.04 0.00	22.63 1.16 0.00	24.31 1.25 0.00	25.77 1.53 0.00	28.83 1.71 0.00	30.98 1.74 -0.18	32.04 1.83 -0.28	34.59 2.20 0.00	35.80 2.09 0.00	38.49 2.38 0.00	40.36 2.43 0.00	47.72 3.04 0.00	54.34 3.46 0.00	62.89 3.78 0.00	53.62 2.94 0.00	44.29 2.23 0.00	41.17 2.04 0.00	36.94 1.73 0.00	33.03 1.78 0.00	29.94 1.53 0.00
CH_MIDHUDSON___DRP 24192	28.21 1.89 0.00	24.99 1.63 0.00	23.39 1.49 0.00	22.77 1.45 -0.27	22.06 1.23 0.00	22.84 1.37 0.00	24.54 1.48 0.00	25.96 1.72 0.00	29.07 1.95 0.00	31.23 2.03 -0.15	32.25 2.10 -0.23	34.92 2.53 0.00	36.11 2.39 0.00	38.85 2.74 0.00	40.74 2.81 0.00	48.16 3.48 0.00	54.85 3.97 0.00	63.48 4.37 0.00	54.18 3.50 0.00	44.72 2.65 0.00	41.56 2.43 0.00	37.25 2.04 0.00	33.31 2.06 0.00	30.17 1.76 0.00
CH_MISC_IPPS 23765	28.37 2.05 0.00	25.13 1.77 0.00	23.50 1.60 0.00	22.87 1.56 -0.26	22.08 1.25 0.00	22.93 1.46 0.00	24.65 1.59 0.00	26.06 1.82 0.00	29.21 2.09 0.00	31.40 2.18 -0.17	32.58 2.40 -0.26	35.05 2.66 0.00	36.24 2.53 0.00	39.00 2.89 0.00	40.96 3.04 0.00	48.38 3.71 0.00	55.16 4.27 0.00	63.84 4.73 0.00	54.43 3.75 0.00	44.93 2.86 0.00	41.76 2.62 0.00	37.47 2.26 0.00	33.47 2.22 0.00	30.34 1.93 0.00
CH_RES_BVR_FALLS 23983	25.89 -0.42 0.00	22.98 -0.37 0.00	21.53 -0.37 0.00	20.71 -0.34 0.00	20.58 -0.25 0.00	21.12 -0.34 0.00	22.69 -0.37 0.00	23.85 -0.39 0.00	26.68 -0.43 0.00	28.61 -0.43 0.00	29.48 -0.45 0.00	31.90 -0.48 0.00	33.17 -0.54 0.00	35.50 -0.61 0.00	37.28 -0.65 0.00	43.96 -0.72 0.00	49.97 -0.91 0.00	58.22 -0.89 0.00	49.97 -0.71 0.00	41.48 -0.59 0.00	38.63 -0.51 0.00	34.72 -0.49 0.00	30.78 -0.47 0.00	27.95 -0.46 0.00

CH_RES_NIAGARA 23895	25.63 -0.68 0.00	22.68 -0.68 0.00	21.36 -0.55 0.00	20.42 -0.67 -0.04	19.91 -0.92 0.00	20.70 -0.77 0.00	22.25 -0.81 0.00	23.15 -1.09 0.00	25.74 -1.38 0.00	28.12 -0.93 0.00	28.31 -1.62 0.00	30.54 -1.84 0.00	33.11 -0.61 0.00	35.10 -1.01 0.00	36.57 -1.36 0.00	42.40 -2.28 0.00	49.31 -1.58 0.00	56.68 -2.43 0.00	49.11 -1.57 0.00	41.22 -0.84 0.00	38.35 -0.78 0.00	34.82 -0.39 0.00	30.06 -1.19 0.00	28.46 0.06 0.00
CH_RES_SYRACUSE 23985	26.36 0.05 0.00	23.40 0.05 0.00	21.95 0.04 0.00	21.08 0.00 -0.03	20.79 -0.04 0.00	21.51 0.04 0.00	23.08 0.02 0.00	24.29 0.05 0.00	27.15 0.03 0.00	29.11 0.06 0.00	29.87 -0.06 0.00	32.39 0.00 0.00	33.92 0.20 0.00	36.22 0.11 0.00	38.04 0.11 0.00	44.72 0.04 0.00	51.24 0.36 0.00	59.35 0.24 0.00	50.93 0.25 0.00	42.36 0.30 0.00	39.41 0.28 0.00	35.53 0.32 0.00	31.41 0.16 0.00	28.61 0.20 0.00
CLINTON_WT_PWR 323605	26.10 -0.21 0.00	23.05 -0.30 0.00	21.55 -0.35 0.00	20.71 -0.34 0.00	20.70 -0.12 0.00	21.19 -0.28 0.00	22.81 -0.25 0.00	24.10 -0.14 0.00	27.01 -0.11 0.00	29.11 0.06 0.00	29.99 0.06 0.00	32.36 -0.03 0.00	33.51 -0.20 0.00	35.86 -0.25 0.00	37.67 -0.26 0.00	44.54 -0.13 0.00	50.32 -0.56 0.00	59.05 -0.06 0.00	51.08 0.40 0.00	42.44 0.38 0.00	39.49 0.35 0.00	35.39 0.18 0.00	31.31 0.06 0.00	28.35 -0.06 0.00
CLINTON___LFGE 323618	26.50 0.19 0.00	23.40 0.05 0.00	21.86 -0.04 0.00	20.99 -0.06 0.00	20.99 0.17 0.00	21.51 0.04 0.00	23.15 0.09 0.00	24.46 0.22 0.00	27.44 0.33 0.00	29.60 0.55 0.00	30.47 0.54 0.00	32.91 0.52 0.00	34.05 0.34 0.00	36.43 0.32 0.00	38.27 0.34 0.00	45.30 0.63 0.00	50.78 -0.10 0.00	59.70 0.59 0.00	51.69 1.01 0.00	42.99 0.92 0.00	40.00 0.86 0.00	35.77 0.56 0.00	31.63 0.38 0.00	28.58 0.17 0.00
COBBLENY_34_KV_TB1 80064	26.55 0.24 0.00	23.47 0.12 0.00	21.88 -0.02 0.00	20.69 -0.40 -0.04	20.62 -0.21 0.00	21.43 -0.04 0.00	23.08 0.02 0.00	24.14 -0.10 0.00	26.90 -0.22 0.00	29.34 0.29 0.00	30.50 0.57 0.00	31.90 -0.49 0.00	34.49 0.78 0.00	36.47 0.36 0.00	38.38 0.46 0.00	44.59 -0.09 0.00	51.75 0.87 0.00	59.46 0.35 0.00	51.34 0.66 0.00	43.03 0.97 0.00	39.92 0.78 0.00	36.41 1.20 0.00	31.38 0.12 0.00	29.46 1.05 0.00
COFFEEN___115KV_TB3 355620	26.71 0.39 0.00	23.59 0.23 0.00	22.10 0.20 0.00	21.19 0.13 -0.01	20.95 0.12 0.00	21.68 0.21 0.00	23.34 0.28 0.00	24.44 0.19 0.00	27.23 0.11 0.00	29.17 0.12 0.00	30.05 0.12 0.00	32.68 0.29 0.00	34.08 0.37 0.00	36.33 0.22 0.00	38.12 0.19 0.00	44.77 0.09 0.00	51.29 0.41 0.00	59.82 0.71 0.00	51.85 1.17 0.00	43.24 1.18 0.00	40.27 1.13 0.00	36.30 1.09 0.00	31.97 0.72 0.00	28.92 0.51 0.00
COLDSPRG_115KV_BK1 355956	27.21 0.89 0.00	24.06 0.70 0.00	22.43 0.53 0.00	21.08 -0.02 -0.04	21.14 0.31 0.00	22.01 0.54 0.00	23.80 0.74 0.00	25.07 0.82 0.00	27.99 0.87 0.00	30.41 1.37 0.00	31.64 1.71 0.00	33.13 0.74 0.00	35.77 2.06 0.00	37.70 1.59 0.00	39.60 1.67 0.00	46.02 1.34 0.00	53.27 2.39 0.00	61.12 2.01 0.00	52.71 2.03 0.00	44.17 2.10 0.00	40.94 1.80 0.00	37.60 2.39 0.00	32.47 1.22 0.00	30.23 1.82 0.00
COLONIE_LFGE___ 323577	27.60 1.29 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.42 1.03 -0.34	21.72 0.90 0.00	22.54 1.07 0.00	24.24 1.18 0.00	25.43 1.19 0.00	28.50 1.38 0.00	30.07 1.37 0.35	30.90 1.50 0.53	34.01 1.62 0.00	35.23 1.52 0.00	37.81 1.70 0.00	39.75 1.82 0.00	46.91 2.23 0.00	53.48 2.59 0.00	62.06 2.95 0.00	53.11 2.43 0.00	44.04 1.98 0.00	40.94 1.80 0.00	36.80 1.59 0.00	32.69 1.44 0.00	29.63 1.22 0.00
COOPERNY_115KV_TB1 80082	27.50 1.18 0.00	24.38 1.03 0.00	22.87 0.96 0.00	22.16 0.93 -0.18	21.60 0.77 0.00	22.37 0.90 0.00	24.03 0.97 0.00	25.40 1.16 0.00	28.39 1.27 0.00	30.46 1.31 -0.11	31.47 1.38 -0.16	34.07 1.68 0.00	35.33 1.62 0.00	37.91 1.81 0.00	39.75 1.82 0.00	46.91 2.23 0.00	53.48 2.60 0.00	61.89 2.78 0.00	52.91 2.23 0.00	43.71 1.64 0.00	40.66 1.53 0.00	36.51 1.30 0.00	32.59 1.34 0.00	29.57 1.16 0.00
COPENHAGEN_WT_PWR 323753	26.47 0.16 0.00	23.40 0.05 0.00	21.93 0.02 0.00	21.04 -0.02 -0.01	20.81 -0.02 0.00	21.53 0.06 0.00	23.15 0.09 0.00	24.27 0.02 0.00	27.04 -0.08 0.00	28.96 -0.09 0.00	29.78 -0.15 0.00	32.42 0.03 0.00	33.78 0.07 0.00	36.00 -0.11 0.00	37.85 -0.08 0.00	44.46 -0.22 0.00	50.88 0.00 0.00	59.29 0.18 0.00	51.29 0.61 0.00	42.74 0.67 0.00	39.80 0.66 0.00	35.88 0.67 0.00	31.66 0.41 0.00	28.66 0.26 0.00
CORNELL___ 23752	27.00 0.68 0.00	23.94 0.58 0.00	22.41 0.50 0.00	21.53 0.42 -0.05	21.25 0.42 0.00	22.01 0.54 0.00	23.68 0.62 0.00	24.90 0.65 0.00	27.80 0.68 0.00	29.80 0.76 0.00	30.71 0.78 0.00	33.10 0.71 0.00	34.76 1.05 0.00	37.16 1.05 0.00	38.95 1.02 0.00	45.79 1.12 0.00	52.61 1.73 0.00	61.06 1.95 0.00	52.56 1.88 0.00	43.79 1.72 0.00	40.70 1.57 0.00	36.69 1.48 0.00	32.31 1.06 0.00	29.43 1.02 0.00
CORONA_AAV_69_KV_TB1 355595	35.55 2.79 -6.45	32.07 2.38 -6.33	26.33 2.17 -2.26	23.44 2.11 -0.28	22.70 1.87 0.00	23.51 2.04 0.00	25.14 2.08 0.00	29.28 2.64 -2.40	34.26 2.96 -4.18	35.47 3.08 -3.34	33.43 3.14 -0.36	36.28 3.63 -0.26	38.24 3.54 -0.99	45.36 3.97 -5.28	49.34 4.10 -7.31	55.21 5.05 -5.49	59.87 5.60 -3.38	65.33 6.21 -0.02	55.81 5.12 -0.02	47.45 3.91 -1.47	43.12 3.60 -0.38	38.24 3.03 0.00	34.70 3.19 -0.26	33.21 2.81 -1.99
CORTLAND_115KV_TB3 80093	26.76 0.45 0.00	23.73 0.37 0.00	22.23 0.33 0.00	21.35 0.25 -0.04	21.06 0.23 0.00	21.81 0.34 0.00	23.48 0.42 0.00	24.70 0.46 0.00	27.58 0.46 0.00	29.60 0.55 0.00	30.50 0.57 0.00	32.91 0.52 0.00	34.49 0.78 0.00	36.87 0.76 0.00	38.73 0.80 0.00	45.53 0.85 0.00	52.16 1.27 0.00	60.47 1.36 0.00	51.95 1.27 0.00	43.20 1.14 0.00	40.19 1.06 0.00	36.23 1.02 0.00	31.94 0.69 0.00	29.09 0.68 0.00
COXSACKIE___GT 23611	28.44 2.13 0.00	25.23 1.87 0.00	23.63 1.73 0.00	22.97 1.60 -0.31	22.25 1.42 0.00	23.04 1.57 0.00	24.79 1.73 0.00	25.89 1.65 0.00	29.04 1.93 0.00	31.08 2.15 0.12	31.91 2.16 0.18	34.46 2.07 0.00	35.77 2.06 0.00	38.64 2.53 0.00	40.58 2.65 0.00	47.85 3.17 0.00	54.70 3.82 0.00	63.72 4.61 0.00	54.78 4.10 0.00	45.60 3.53 0.00	42.50 3.37 0.00	38.10 2.89 0.00	33.69 2.44 0.00	30.31 1.90 0.00
CPV_VALLEY___CC1 323721	27.68 1.37 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.32 1.05 -0.22	21.66 0.83 0.00	22.48 1.01 0.00	24.17 1.11 0.00	25.57 1.33 0.00	28.61 1.49 0.00	30.72 1.51 -0.16	31.90 1.74 -0.24	34.30 1.91 0.00	35.50 1.79 0.00	38.13 2.02 0.00	40.05 2.12 0.00	47.27 2.59 0.00	53.88 3.00 0.00	62.30 3.19 0.00	53.16 2.48 0.00	43.83 1.77 0.00	40.78 1.64 0.00	36.65 1.44 0.00	32.75 1.50 0.00	29.72 1.31 0.00

CPV_VALLEY___CC2 323722	27.68 1.37 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.32 1.05 -0.22	21.66 0.83 0.00	22.48 1.01 0.00	24.17 1.11 0.00	25.57 1.33 0.00	28.61 1.49 0.00	30.72 1.51 -0.16	31.90 1.74 -0.24	34.30 1.91 0.00	35.50 1.79 0.00	38.13 2.02 0.00	40.05 2.12 0.00	47.27 2.59 0.00	53.88 3.00 0.00	62.30 3.19 0.00	53.16 2.48 0.00	43.83 1.77 0.00	40.78 1.64 0.00	36.65 1.44 0.00	32.75 1.50 0.00	29.72 1.31 0.00
CRESCENT___HYD 24018	27.60 1.29 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.42 1.03 -0.34	21.72 0.90 0.00	22.54 1.07 0.00	24.24 1.18 0.00	25.43 1.19 0.00	28.50 1.38 0.00	30.07 1.37 0.35	30.90 1.50 0.53	34.01 1.62 0.00	35.23 1.52 0.00	37.81 1.70 0.00	39.75 1.82 0.00	46.91 2.23 0.00	53.48 2.59 0.00	62.06 2.95 0.00	53.11 2.43 0.00	44.04 1.98 0.00	40.94 1.80 0.00	36.80 1.59 0.00	32.69 1.44 0.00	29.63 1.22 0.00
CRICKET___VALLEY_CC1 323756	27.81 1.50 0.00	24.73 1.38 0.00	23.11 1.20 0.00	22.55 1.22 -0.28	21.81 0.98 0.00	22.65 1.18 0.00	24.35 1.29 0.00	25.67 1.43 0.00	28.75 1.63 0.00	27.23 1.60 3.42	26.58 1.86 5.21	34.37 1.98 0.00	35.53 1.82 0.00	38.20 2.09 0.00	40.17 2.24 0.00	47.45 2.77 0.00	53.94 3.05 0.00	62.48 3.37 0.00	53.26 2.58 0.00	44.00 1.94 0.00	40.86 1.72 0.00	36.72 1.51 0.00	32.81 1.56 0.00	29.74 1.34 0.00
CRICKET___VALLEY_CC2 323757	27.81 1.50 0.00	24.73 1.38 0.00	23.11 1.20 0.00	22.55 1.22 -0.28	21.81 0.98 0.00	22.65 1.18 0.00	24.35 1.29 0.00	25.67 1.43 0.00	28.75 1.63 0.00	27.23 1.60 3.42	26.58 1.86 5.21	34.37 1.98 0.00	35.53 1.82 0.00	38.20 2.09 0.00	40.17 2.24 0.00	47.45 2.77 0.00	53.94 3.05 0.00	62.48 3.37 0.00	53.26 2.58 0.00	44.00 1.94 0.00	40.86 1.72 0.00	36.72 1.51 0.00	32.81 1.56 0.00	29.74 1.34 0.00
CRICKET___VALLEY_CC3 323758	27.81 1.50 0.00	24.73 1.38 0.00	23.11 1.20 0.00	22.55 1.22 -0.28	21.81 0.98 0.00	22.65 1.18 0.00	24.35 1.29 0.00	25.67 1.43 0.00	28.75 1.63 0.00	27.23 1.60 3.42	26.58 1.86 5.21	34.37 1.98 0.00	35.53 1.82 0.00	38.20 2.09 0.00	40.17 2.24 0.00	47.45 2.77 0.00	53.94 3.05 0.00	62.48 3.37 0.00	53.26 2.58 0.00	44.00 1.94 0.00	40.86 1.72 0.00	36.72 1.51 0.00	32.81 1.56 0.00	29.74 1.34 0.00
CRUCIBLE_METL_DRP 24180	26.36 0.05 0.00	23.40 0.05 0.00	21.93 0.02 0.00	21.08 0.00 -0.03	20.81 -0.02 0.00	21.51 0.04 0.00	23.11 0.05 0.00	24.29 0.05 0.00	27.15 0.03 0.00	29.11 0.06 0.00	29.99 0.06 0.00	32.36 -0.03 0.00	33.88 0.17 0.00	36.22 0.11 0.00	38.04 0.11 0.00	44.72 0.04 0.00	51.19 0.31 0.00	59.29 0.18 0.00	50.88 0.20 0.00	42.32 0.25 0.00	39.37 0.23 0.00	35.53 0.32 0.00	31.41 0.16 0.00	28.58 0.17 0.00
DAHOWA___HYDRO 323763	27.81 1.50 0.00	24.71 1.35 0.00	23.11 1.20 0.00	22.58 1.18 -0.35	21.87 1.04 0.00	22.69 1.22 0.00	24.42 1.36 0.00	25.65 1.41 0.00	28.72 1.60 0.00	30.33 1.57 0.29	31.04 1.56 0.44	34.07 1.68 0.00	35.27 1.55 0.00	37.81 1.70 0.00	39.71 1.78 0.00	46.96 2.28 0.00	53.88 3.00 0.00	62.60 3.49 0.00	53.57 2.89 0.00	44.59 2.52 0.00	41.60 2.47 0.00	37.32 2.11 0.00	33.06 1.81 0.00	29.88 1.48 0.00
DANC___LFGE 323619	26.29 -0.03 0.00	23.26 -0.09 0.00	21.82 -0.09 0.00	20.94 -0.13 -0.02	20.68 -0.14 0.00	21.40 -0.06 0.00	22.99 -0.07 0.00	24.12 -0.12 0.00	26.90 -0.22 0.00	28.82 -0.23 0.00	29.63 -0.30 0.00	32.16 -0.23 0.00	33.55 -0.17 0.00	35.78 -0.33 0.00	37.62 -0.30 0.00	44.19 -0.49 0.00	50.53 -0.35 0.00	58.82 -0.29 0.00	50.68 0.00 0.00	42.23 0.17 0.00	39.29 0.16 0.00	35.49 0.28 0.00	31.38 0.13 0.00	28.46 0.06 0.00
DANSKAMMER___1 23586	28.37 2.05 0.00	25.13 1.77 0.00	23.50 1.60 0.00	22.87 1.56 -0.26	22.08 1.25 0.00	22.93 1.46 0.00	24.65 1.59 0.00	26.06 1.82 0.00	29.21 2.09 0.00	31.40 2.18 -0.17	32.58 2.40 -0.26	35.05 2.66 0.00	36.24 2.53 0.00	39.00 2.89 0.00	40.96 3.04 0.00	48.38 3.71 0.00	55.16 4.27 0.00	63.84 4.73 0.00	54.43 3.75 0.00	44.93 2.86 0.00	41.76 2.62 0.00	37.47 2.26 0.00	33.47 2.22 0.00	30.34 1.93 0.00
DANSKAMMER___2 23589	28.37 2.05 0.00	25.13 1.77 0.00	23.50 1.60 0.00	22.87 1.56 -0.26	22.08 1.25 0.00	22.93 1.46 0.00	24.65 1.59 0.00	26.06 1.82 0.00	29.21 2.09 0.00	31.40 2.18 -0.17	32.58 2.40 -0.26	35.05 2.66 0.00	36.24 2.53 0.00	39.00 2.89 0.00	40.96 3.04 0.00	48.38 3.71 0.00	55.16 4.27 0.00	63.84 4.73 0.00	54.43 3.75 0.00	44.93 2.86 0.00	41.76 2.62 0.00	37.47 2.26 0.00	33.47 2.22 0.00	30.34 1.93 0.00
DANSKAMMER___3 23590	28.37 2.05 0.00	25.13 1.77 0.00	23.50 1.60 0.00	22.87 1.56 -0.26	22.08 1.25 0.00	22.93 1.46 0.00	24.65 1.59 0.00	26.06 1.82 0.00	29.21 2.09 0.00	31.40 2.18 -0.17	32.58 2.40 -0.26	35.05 2.66 0.00	36.24 2.53 0.00	39.00 2.89 0.00	40.96 3.04 0.00	48.38 3.71 0.00	55.16 4.27 0.00	63.84 4.73 0.00	54.43 3.75 0.00	44.93 2.86 0.00	41.76 2.62 0.00	37.47 2.26 0.00	33.47 2.22 0.00	30.34 1.93 0.00
DANSKAMMER___4 23591	28.37 2.05 0.00	25.13 1.77 0.00	23.50 1.60 0.00	22.87 1.56 -0.26	22.08 1.25 0.00	22.93 1.46 0.00	24.65 1.59 0.00	26.06 1.82 0.00	29.21 2.09 0.00	31.40 2.18 -0.17	32.58 2.40 -0.26	35.05 2.66 0.00	36.24 2.53 0.00	39.00 2.89 0.00	40.96 3.04 0.00	48.38 3.71 0.00	55.16 4.27 0.00	63.84 4.73 0.00	54.43 3.75 0.00	44.93 2.86 0.00	41.76 2.62 0.00	37.47 2.26 0.00	33.47 2.22 0.00	30.34 1.93 0.00
DANSKAMMER___DIESEL 23592	28.36 2.05 0.00	25.13 1.78 0.00	23.52 1.62 0.00	22.87 1.56 -0.26	22.14 1.31 0.00	22.93 1.46 0.00	24.63 1.57 0.00	26.06 1.82 0.00	29.21 2.09 0.00	31.40 2.18 -0.17	32.40 2.21 -0.26	35.08 2.69 0.00	36.31 2.60 0.00	39.07 2.96 0.00	40.96 3.03 0.00	48.43 3.75 0.00	55.21 4.33 0.00	63.90 4.79 0.00	54.48 3.80 0.00	45.01 2.94 0.00	41.84 2.70 0.00	37.46 2.25 0.00	33.50 2.25 0.00	30.34 1.93 0.00
DARBY___SOLAR 323810	27.81 1.50 0.00	24.71 1.35 0.00	23.13 1.23 0.00	22.58 1.18 -0.35	21.87 1.04 0.00	22.69 1.22 0.00	24.42 1.36 0.00	25.65 1.41 0.00	28.72 1.60 0.00	30.35 1.60 0.30	31.09 1.62 0.45	34.11 1.72 0.00	35.33 1.62 0.00	37.91 1.80 0.00	39.82 1.90 0.00	47.09 2.41 0.00	53.94 3.05 0.00	62.60 3.49 0.00	53.57 2.89 0.00	44.55 2.48 0.00	41.52 2.39 0.00	37.29 2.08 0.00	33.03 1.78 0.00	29.88 1.48 0.00
DASHVILLE___HYD 23610	27.94 1.63 0.00	24.73 1.38 0.00	23.17 1.27 0.00	22.46 1.14 -0.27	21.83 1.00 0.00	22.59 1.12 0.00	24.26 1.20 0.00	25.67 1.43 0.00	28.72 1.60 0.00	31.13 2.00 -0.08	32.14 2.10 -0.12	34.56 2.17 0.00	35.74 2.02 0.00	38.46 2.35 0.00	40.28 2.35 0.00	47.63 2.95 0.00	54.24 3.36 0.00	62.71 3.61 0.00	53.47 2.79 0.00	44.13 2.06 0.00	41.05 1.92 0.00	36.79 1.58 0.00	33.00 1.75 0.00	29.86 1.45 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	36.63 3.87 -6.45	33.01 3.32 -6.33	27.20 3.04 -2.26	24.24 2.91 -0.28	23.66 2.83 0.00	24.50 3.03 0.00	25.90 2.84 0.00	30.18 3.54 -2.40	35.34 4.04 -4.18	36.69 4.30 -3.34	35.08 4.76 -0.39	42.11 5.41 -4.31	46.06 5.53 -6.82	50.50 6.07 -8.32	58.67 6.14 -14.59	98.75 7.42 -46.65	97.63 8.50 -38.25	131.85 9.81 -62.93	123.20 8.01 -64.51	95.76 6.23 -47.46	92.25 5.71 -47.40	51.49 4.93 -11.35	42.92 4.72 -6.95	35.88 4.12 -3.35
DELAWARE___LFGE 323621	27.42 1.11 0.00	24.29 0.93 0.00	22.82 0.92 0.00	21.99 0.84 -0.09	21.60 0.77 0.00	22.37 0.90 0.00	24.05 0.99 0.00	25.26 1.02 0.00	28.23 1.11 0.00	30.24 1.19 0.00	31.19 1.26 0.00	33.81 1.43 0.00	35.20 1.48 0.00	37.70 1.59 0.00	39.56 1.63 0.00	46.60 1.92 0.00	53.12 2.24 0.00	61.59 2.48 0.00	52.76 2.08 0.00	43.79 1.72 0.00	40.74 1.60 0.00	36.65 1.44 0.00	32.50 1.25 0.00	29.52 1.11 0.00
DERFIELD_115KV_TB7 355931	26.42 0.11 0.00	23.45 0.09 0.00	21.99 0.09 0.00	21.14 0.08 0.00	20.89 0.06 0.00	21.56 0.09 0.00	23.15 0.09 0.00	24.34 0.10 0.00	27.20 0.08 0.00	29.14 0.09 0.00	30.02 0.09 0.00	32.52 0.13 0.00	33.85 0.13 0.00	36.25 0.14 0.00	38.08 0.15 0.00	44.81 0.13 0.00	51.09 0.20 0.00	59.29 0.18 0.00	50.83 0.15 0.00	42.19 0.13 0.00	39.25 0.12 0.00	35.35 0.14 0.00	31.34 0.09 0.00	28.52 0.11 0.00
DOGLEVILLE___HYD 23807	26.42 0.11 0.00	23.45 0.09 0.00	21.99 0.09 0.00	21.14 0.08 0.00	20.87 0.04 0.00	21.56 0.09 0.00	23.08 0.02 0.00	24.24 0.00 0.00	27.15 0.03 0.00	29.08 0.03 0.00	29.99 0.06 0.00	32.59 0.20 0.00	33.92 0.20 0.00	36.15 0.04 0.00	38.00 0.08 0.00	44.68 0.00 0.00	50.99 0.10 0.00	59.17 0.06 0.00	50.68 0.00 0.00	42.11 0.04 0.00	39.17 0.04 0.00	35.39 0.18 0.00	31.44 0.19 0.00	28.58 0.17 0.00
DUNKIRK___115KV_TB_200 55889	26.89 0.58 0.00	23.78 0.42 0.00	22.19 0.28 0.00	21.03 -0.06 -0.04	20.91 0.08 0.00	21.73 0.26 0.00	23.45 0.39 0.00	24.60 0.36 0.00	27.44 0.33 0.00	29.89 0.84 0.00	31.07 1.14 0.00	32.52 0.13 0.00	35.10 1.38 0.00	37.12 1.01 0.00	39.03 1.10 0.00	45.35 0.67 0.00	52.61 1.73 0.00	60.35 1.24 0.00	52.10 1.42 0.00	43.66 1.60 0.00	40.51 1.37 0.00	36.97 1.76 0.00	31.91 0.66 0.00	29.83 1.42 0.00
DUNKIRK___1 23563	26.89 0.58 0.00	23.78 0.42 0.00	22.19 0.28 0.00	21.03 -0.06 -0.04	20.91 0.08 0.00	21.73 0.26 0.00	23.45 0.39 0.00	24.60 0.36 0.00	27.44 0.33 0.00	29.89 0.84 0.00	31.07 1.14 0.00	32.52 0.13 0.00	35.10 1.38 0.00	37.12 1.01 0.00	39.03 1.10 0.00	45.35 0.67 0.00	52.61 1.73 0.00	60.35 1.24 0.00	52.10 1.42 0.00	43.66 1.60 0.00	40.51 1.37 0.00	36.97 1.76 0.00	31.91 0.66 0.00	29.83 1.42 0.00
DUNKIRK___2 23564	26.89 0.58 0.00	23.78 0.42 0.00	22.19 0.28 0.00	21.03 -0.06 -0.04	20.91 0.08 0.00	21.73 0.26 0.00	23.45 0.39 0.00	24.60 0.36 0.00	27.44 0.33 0.00	29.89 0.84 0.00	31.07 1.14 0.00	32.52 0.13 0.00	35.10 1.38 0.00	37.12 1.01 0.00	39.03 1.10 0.00	45.35 0.67 0.00	52.61 1.73 0.00	60.35 1.24 0.00	52.10 1.42 0.00	43.66 1.60 0.00	40.51 1.37 0.00	36.97 1.76 0.00	31.91 0.66 0.00	29.83 1.42 0.00
DUNKIRK___3 23565	26.71 0.39 0.00	23.61 0.26 0.00	22.03 0.13 0.00	20.86 -0.23 -0.04	20.77 -0.06 0.00	21.58 0.11 0.00	23.27 0.21 0.00	24.39 0.15 0.00	27.20 0.08 0.00	29.60 0.55 0.00	30.80 0.87 0.00	32.23 -0.16 0.00	34.76 1.05 0.00	36.80 0.69 0.00	38.69 0.76 0.00	44.95 0.27 0.00	52.16 1.27 0.00	59.82 0.71 0.00	51.64 0.96 0.00	43.29 1.22 0.00	40.15 1.02 0.00	36.62 1.41 0.00	31.63 0.38 0.00	29.60 1.19 0.00
DUNKIRK___4 23566	26.71 0.39 0.00	23.61 0.26 0.00	22.03 0.13 0.00	20.86 -0.23 -0.04	20.77 -0.06 0.00	21.58 0.11 0.00	23.27 0.21 0.00	24.39 0.15 0.00	27.20 0.08 0.00	29.60 0.55 0.00	30.80 0.87 0.00	32.23 -0.16 0.00	34.76 1.05 0.00	36.80 0.69 0.00	38.69 0.76 0.00	44.95 0.27 0.00	52.16 1.27 0.00	59.82 0.71 0.00	51.64 0.96 0.00	43.29 1.22 0.00	40.15 1.02 0.00	36.62 1.41 0.00	31.63 0.38 0.00	29.60 1.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.47 2.16 0.00	25.20 1.85 0.00	23.57 1.66 0.00	22.93 1.62 -0.26	22.25 1.42 0.00	23.04 1.57 0.00	24.74 1.68 0.00	26.35 2.11 0.00	29.50 2.39 0.00	31.77 2.50 -0.23	32.88 2.60 -0.34	35.43 3.04 0.00	36.61 2.90 0.00	39.36 3.25 0.00	41.27 3.34 0.00	48.83 4.16 0.00	55.62 4.73 0.00	64.31 5.20 0.00	54.73 4.05 0.00	45.05 2.99 0.00	41.91 2.78 0.00	37.57 2.36 0.00	33.72 2.47 0.00	30.54 2.13 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.10 1.79 0.00	24.90 1.54 0.00	23.31 1.40 0.00	22.65 1.35 -0.25	21.97 1.15 0.00	22.76 1.29 0.00	24.44 1.38 0.00	25.89 1.65 0.00	28.96 1.84 0.00	31.13 1.92 -0.17	32.19 2.01 -0.26	34.82 2.43 0.00	36.01 2.29 0.00	38.75 2.64 0.00	40.58 2.66 0.00	47.98 3.31 0.00	54.70 3.82 0.00	63.31 4.20 0.00	53.97 3.29 0.00	44.55 2.48 0.00	41.44 2.31 0.00	37.15 1.94 0.00	33.25 2.00 0.00	30.11 1.70 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.82 2.50 -0.01	25.49 2.13 -0.01	23.82 1.91 -0.01	23.10 1.79 -0.26	22.39 1.56 0.00	23.01 1.55 0.00	24.70 1.64 0.00	26.57 2.33 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.08 2.81 -0.34	35.67 3.27 -0.01	36.78 3.07 0.00	39.65 3.54 0.00	41.53 3.60 0.00	49.28 4.60 0.00	56.02 5.14 0.00	64.19 5.08 0.00	54.53 3.85 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.53 2.32 0.00	33.98 2.72 -0.01	30.92 2.50 -0.01
E179THST_13_KV_LOAD 356214	29.00 2.68 -0.01	25.63 2.27 -0.01	23.95 2.04 -0.01	23.23 1.92 -0.26	22.52 1.69 0.00	23.14 1.67 0.00	24.81 1.75 0.00	26.71 2.47 0.00	29.87 2.74 -0.01	32.16 2.88 -0.23	33.29 3.02 -0.34	35.90 3.50 -0.01	37.02 3.30 0.00	39.90 3.79 0.00	41.76 3.83 0.00	49.64 4.96 0.00	56.38 5.50 0.00	64.67 5.56 0.00	54.94 4.26 0.00	45.26 3.20 0.00	42.19 3.05 0.00	37.78 2.57 0.00	34.20 2.94 -0.01	31.09 2.67 -0.01
EAST HAMPTON___GT 23717	37.21 4.45 -6.45	33.50 3.81 -6.33	27.58 3.42 -2.26	24.53 3.20 -0.28	23.85 3.02 0.00	24.75 3.28 0.00	26.70 3.64 0.00	30.59 3.95 -2.40	36.02 4.72 -4.18	37.41 5.03 -3.34	36.01 5.69 -0.39	42.69 5.99 -4.31	46.57 6.03 -6.82	53.07 6.68 -10.28	59.39 6.87 -14.59	99.52 8.18 -46.66	116.14 9.36 -55.90	132.68 10.58 -62.99	123.92 8.72 -64.52	96.01 6.48 -47.47	92.61 6.07 -47.41	52.02 5.46 -11.35	43.54 5.34 -6.95	36.50 4.74 -3.35
EAST RIVER___6 23660	28.71 2.39 0.00	25.32 1.96 0.00	23.66 1.75 0.00	23.10 1.79 -0.26	22.33 1.50 0.00	23.19 1.72 0.00	24.86 1.80 0.00	26.55 2.30 0.00	29.75 2.63 0.00	32.00 2.73 -0.23	33.39 3.11 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.50 3.39 0.00	41.49 3.56 0.00	49.15 4.47 0.00	55.92 5.04 0.00	64.54 5.43 0.00	54.88 4.20 0.00	44.97 2.90 0.00	41.83 2.70 0.00	37.61 2.40 0.00	33.84 2.59 0.00	30.74 2.33 0.00

EAST RIVER___7 23524	28.71 2.39 0.00	25.32 1.96 0.00	23.66 1.75 0.00	23.10 1.79 -0.26	22.33 1.50 0.00	23.19 1.72 0.00	24.86 1.80 0.00	26.55 2.30 0.00	29.75 2.63 0.00	32.00 2.73 -0.23	33.39 3.11 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.50 3.39 0.00	41.49 3.56 0.00	49.15 4.47 0.00	55.92 5.04 0.00	64.54 5.43 0.00	54.88 4.20 0.00	44.97 2.90 0.00	41.83 2.70 0.00	37.61 2.40 0.00	33.84 2.59 0.00	30.74 2.33 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.39 2.08 0.00	25.13 1.78 0.00	23.50 1.60 0.00	22.87 1.56 -0.26	22.18 1.35 0.00	22.97 1.50 0.00	24.67 1.61 0.00	26.25 2.01 0.00	29.40 2.28 0.00	31.63 2.35 -0.22	32.76 2.48 -0.34	35.30 2.92 0.00	36.48 2.76 0.00	39.21 3.11 0.00	41.15 3.22 0.00	48.65 3.98 0.00	55.41 4.53 0.00	64.07 4.97 0.00	54.53 3.85 0.00	44.93 2.86 0.00	41.76 2.62 0.00	37.46 2.25 0.00	33.59 2.34 0.00	30.45 2.05 0.00
EAST_HAMPTON___DIESEL 23722	37.24 4.47 -6.45	33.52 3.83 -6.33	27.58 3.42 -2.26	24.53 3.20 -0.28	23.85 3.02 0.00	24.77 3.30 0.00	26.73 3.67 0.00	30.59 3.95 -2.40	36.02 4.72 -4.18	37.44 5.05 -3.34	36.04 5.72 -0.39	42.69 5.99 -4.31	46.57 6.03 -6.82	53.07 6.68 -10.28	59.43 6.90 -14.59	99.56 8.22 -46.66	116.14 9.36 -55.89	132.67 10.58 -62.99	123.92 8.72 -64.52	96.06 6.52 -47.47	92.61 6.07 -47.40	52.02 5.46 -11.35	43.58 5.38 -6.95	36.53 4.77 -3.35
EAST_PULASKI___ESR 323781	26.10 -0.21 0.00	23.15 -0.21 0.00	21.71 -0.20 0.00	20.86 -0.21 -0.02	20.60 -0.23 0.00	21.30 -0.17 0.00	22.88 -0.18 0.00	24.00 -0.24 0.00	26.82 -0.30 0.00	28.70 -0.35 0.00	29.54 -0.39 0.00	31.94 -0.45 0.00	33.28 -0.44 0.00	35.53 -0.58 0.00	37.32 -0.61 0.00	43.83 -0.85 0.00	50.12 -0.76 0.00	58.22 -0.89 0.00	50.02 -0.66 0.00	41.64 -0.42 0.00	38.74 -0.39 0.00	35.03 -0.18 0.00	31.09 -0.16 0.00	28.29 -0.11 0.00
EAST_RIVER___1 323558	28.68 2.37 0.00	25.32 1.96 0.00	23.63 1.73 0.00	23.06 1.75 -0.26	22.26 1.44 0.00	23.14 1.68 0.00	24.86 1.80 0.00	26.52 2.28 0.00	29.72 2.60 0.00	32.00 2.73 -0.23	33.33 3.05 -0.34	35.66 3.27 0.00	36.71 3.00 0.00	39.47 3.36 0.00	41.46 3.53 0.00	49.06 4.38 0.00	55.82 4.93 0.00	64.49 5.38 0.00	54.84 4.16 0.00	45.01 2.94 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.84 2.59 0.00	30.74 2.33 0.00
EAST_RIVER___2 323559	28.71 2.39 0.00	25.32 1.96 0.00	23.66 1.75 0.00	23.10 1.79 -0.26	22.33 1.50 0.00	23.19 1.72 0.00	24.86 1.80 0.00	26.55 2.30 0.00	29.75 2.63 0.00	32.00 2.73 -0.23	33.39 3.11 -0.34	35.60 3.21 0.00	36.65 2.93 0.00	39.50 3.39 0.00	41.49 3.56 0.00	49.15 4.47 0.00	55.92 5.04 0.00	64.54 5.43 0.00	54.88 4.20 0.00	44.97 2.90 0.00	41.83 2.70 0.00	37.61 2.40 0.00	33.84 2.59 0.00	30.74 2.33 0.00
EAST___DELAWARE_HYD 23607	28.02 1.71 0.00	24.81 1.45 0.00	23.20 1.29 0.00	22.54 1.26 -0.23	21.81 0.98 0.00	22.63 1.16 0.00	24.33 1.27 0.00	25.72 1.48 0.00	28.77 1.65 0.00	30.87 1.71 -0.11	32.01 1.92 -0.16	34.56 2.17 0.00	35.77 2.06 0.00	38.42 2.31 0.00	39.48 1.56 0.00	46.69 2.01 0.00	53.28 2.39 0.00	61.71 2.60 0.00	52.65 1.97 0.00	43.45 1.39 0.00	40.43 1.29 0.00	36.27 1.06 0.00	33.12 1.87 0.00	30.00 1.59 0.00
EIGHT_POINT___WT_PWR 323820	27.10 0.79 0.00	23.96 0.61 0.00	22.41 0.50 0.00	21.33 0.23 -0.05	21.10 0.27 0.00	21.98 0.51 0.00	23.66 0.60 0.00	24.92 0.68 0.00	27.77 0.65 0.00	30.01 0.96 0.00	30.56 0.63 0.00	33.17 0.78 0.00	35.33 1.62 0.00	37.48 1.37 0.00	39.18 1.25 0.00	45.75 1.07 0.00	53.02 2.14 0.00	61.12 2.01 0.00	52.81 2.13 0.00	44.25 2.19 0.00	41.05 1.92 0.00	37.11 1.90 0.00	32.37 1.12 0.00	29.94 1.53 0.00
ELBRIDGE_115KV_TB2 80188	26.29 -0.03 0.00	23.36 0.00 0.00	21.86 -0.04 0.00	21.04 -0.04 -0.03	20.77 -0.06 0.00	21.45 -0.02 0.00	23.06 0.00 0.00	24.22 -0.02 0.00	27.09 -0.03 0.00	29.02 -0.03 0.00	29.90 -0.03 0.00	32.20 -0.19 0.00	33.71 0.00 0.00	36.04 -0.07 0.00	37.89 -0.04 0.00	44.54 -0.13 0.00	51.04 0.15 0.00	59.11 0.00 0.00	50.73 0.05 0.00	42.23 0.17 0.00	39.25 0.12 0.00	35.39 0.18 0.00	31.28 0.03 0.00	28.52 0.11 0.00
ELEC_TRO_TEK 24086	35.32 2.55 -6.45	31.86 2.17 -6.33	26.15 1.99 -2.26	23.27 1.94 -0.28	22.54 1.71 0.00	23.36 1.89 0.00	24.97 1.91 0.00	29.11 2.47 -2.40	34.04 2.74 -4.18	35.23 2.85 -3.34	33.19 2.90 -0.36	36.02 3.37 -0.26	37.97 3.27 -0.99	45.00 3.61 -5.28	48.96 3.72 -7.31	54.77 4.60 -5.49	59.46 5.19 -3.38	64.86 5.73 -0.02	55.26 4.56 -0.02	46.99 3.45 -1.47	42.73 3.21 -0.38	37.89 2.68 0.00	34.35 2.84 -0.26	32.92 2.53 -1.99
ELLENBURG_WT_PWR 323604	26.10 -0.21 0.00	23.05 -0.30 0.00	21.55 -0.35 0.00	20.71 -0.34 0.00	20.70 -0.12 0.00	21.19 -0.28 0.00	22.81 -0.25 0.00	24.10 -0.14 0.00	27.01 -0.11 0.00	29.11 0.06 0.00	29.99 0.06 0.00	32.36 -0.03 0.00	33.51 -0.20 0.00	35.86 -0.25 0.00	37.67 -0.26 0.00	44.54 -0.13 0.00	50.32 -0.56 0.00	59.05 -0.06 0.00	51.08 0.40 0.00	42.44 0.38 0.00	39.49 0.35 0.00	35.39 0.18 0.00	31.31 0.06 0.00	28.35 -0.06 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.39 0.08 0.00	23.36 0.00 0.00	21.79 -0.11 0.00	20.69 -0.40 -0.04	20.54 -0.29 0.00	21.32 -0.15 0.00	22.94 -0.12 0.00	23.95 -0.29 0.00	26.68 -0.43 0.00	29.11 0.06 0.00	30.26 0.33 0.00	31.58 -0.81 0.00	34.08 0.37 0.00	36.07 -0.04 0.00	37.97 0.04 0.00	44.05 -0.63 0.00	51.14 0.25 0.00	58.75 -0.35 0.00	50.78 0.10 0.00	42.53 0.46 0.00	39.49 0.35 0.00	36.02 0.81 0.00	31.06 -0.19 0.00	29.23 0.82 0.00
EMPIRE_CC_1 323656	27.29 0.97 0.00	24.36 1.00 0.00	22.80 0.90 0.00	22.26 0.88 -0.32	21.56 0.73 0.00	22.37 0.90 0.00	23.98 0.92 0.00	25.14 0.90 0.00	28.17 1.06 0.00	29.59 0.99 0.45	30.41 1.17 0.69	33.62 1.23 0.00	34.82 1.11 0.00	37.41 1.30 0.00	39.33 1.40 0.00	46.33 1.65 0.00	52.77 1.88 0.00	61.18 2.07 0.00	52.30 1.62 0.00	43.33 1.26 0.00	40.31 1.17 0.00	36.23 1.02 0.00	32.25 1.00 0.00	29.23 0.82 0.00
EMPIRE_CC_2 323658	27.29 0.97 0.00	24.36 1.00 0.00	22.80 0.90 0.00	22.26 0.88 -0.32	21.56 0.73 0.00	22.37 0.90 0.00	23.98 0.92 0.00	25.14 0.90 0.00	28.17 1.06 0.00	29.59 0.99 0.45	30.41 1.17 0.69	33.62 1.23 0.00	34.82 1.11 0.00	37.41 1.30 0.00	39.33 1.40 0.00	46.33 1.65 0.00	52.77 1.88 0.00	61.18 2.07 0.00	52.30 1.62 0.00	43.33 1.26 0.00	40.31 1.17 0.00	36.23 1.02 0.00	32.25 1.00 0.00	29.23 0.82 0.00
ENORWICH_115KV_TB1 80156	28.28 1.97 0.00	24.99 1.63 0.00	23.44 1.53 0.00	22.45 1.33 -0.07	22.14 1.31 0.00	23.01 1.55 0.00	24.81 1.75 0.00	25.94 1.70 0.00	28.83 1.71 0.00	30.88 1.83 0.00	31.81 1.89 0.00	34.40 2.01 0.00	36.07 2.36 0.00	38.53 2.42 0.00	40.39 2.47 0.00	47.49 2.81 0.00	54.75 3.87 0.00	63.66 4.55 0.00	55.09 4.41 0.00	45.98 3.91 0.00	42.81 3.68 0.00	38.59 3.38 0.00	33.75 2.50 0.00	30.65 2.24 0.00

ERIE_ST__34_KV_TB1-2 80199	26.55 0.24 0.00	23.45 0.09 0.00	21.86 -0.04 0.00	20.48 -0.61 -0.04	20.60 -0.23 0.00	21.43 -0.04 0.00	23.08 0.02 0.00	24.14 -0.10 0.00	26.96 -0.16 0.00	29.37 0.32 0.00	30.56 0.63 0.00	32.03 -0.36 0.00	34.59 0.88 0.00	36.61 0.51 0.00	38.57 0.64 0.00	44.86 0.18 0.00	52.10 1.22 0.00	59.82 0.71 0.00	51.64 0.96 0.00	43.29 1.22 0.00	40.15 1.02 0.00	36.58 1.37 0.00	31.56 0.31 0.00	29.57 1.16 0.00
ERIE_WT_PWR 323693	26.55 0.24 0.00	23.47 0.12 0.00	21.90 0.00 0.00	20.80 -0.29 -0.04	20.60 -0.23 0.00	21.43 -0.04 0.00	22.99 -0.07 0.00	24.12 -0.12 0.00	26.85 -0.27 0.00	29.28 0.23 0.00	29.63 -0.30 0.00	32.00 -0.39 0.00	34.62 0.91 0.00	36.72 0.61 0.00	38.31 0.38 0.00	44.50 -0.18 0.00	51.69 0.81 0.00	59.41 0.30 0.00	51.39 0.71 0.00	43.12 1.05 0.00	40.04 0.90 0.00	36.34 1.13 0.00	31.38 0.13 0.00	29.49 1.08 0.00
ESPRGFLD_115KV_TB1 80157	28.07 1.76 0.00	24.85 1.49 0.00	23.33 1.42 0.00	22.28 1.31 0.07	22.08 1.25 0.00	22.91 1.44 0.00	24.63 1.57 0.00	25.87 1.62 0.00	28.85 1.74 0.00	30.76 1.83 0.12	31.64 1.89 0.18	34.46 2.07 0.00	35.91 2.19 0.00	38.38 2.27 0.00	40.32 2.39 0.00	47.54 2.86 0.00	54.39 3.51 0.00	63.25 4.14 0.00	54.38 3.70 0.00	45.22 3.15 0.00	42.07 2.94 0.00	37.89 2.68 0.00	33.44 2.19 0.00	30.28 1.87 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.97 0.66 0.00	23.92 0.56 0.00	22.39 0.48 0.00	21.51 0.40 -0.05	21.22 0.40 0.00	21.98 0.52 0.00	23.66 0.60 0.00	24.87 0.63 0.00	27.77 0.65 0.00	29.78 0.73 0.00	30.68 0.75 0.00	33.07 0.68 0.00	34.69 0.98 0.00	37.08 0.97 0.00	38.88 0.95 0.00	45.75 1.07 0.00	52.51 1.63 0.00	60.94 1.83 0.00	52.45 1.77 0.00	43.71 1.64 0.00	40.62 1.49 0.00	36.62 1.41 0.00	32.25 1.00 0.00	29.37 0.97 0.00
ETNA____115KV_TB2 80207	26.97 0.66 0.00	23.92 0.56 0.00	22.39 0.48 0.00	21.51 0.40 -0.05	21.22 0.40 0.00	21.98 0.52 0.00	23.66 0.60 0.00	24.87 0.63 0.00	27.77 0.65 0.00	29.78 0.73 0.00	30.68 0.75 0.00	33.07 0.68 0.00	34.69 0.98 0.00	37.08 0.97 0.00	38.88 0.95 0.00	45.75 1.07 0.00	52.51 1.63 0.00	60.94 1.83 0.00	52.45 1.77 0.00	43.71 1.64 0.00	40.62 1.49 0.00	36.62 1.41 0.00	32.25 1.00 0.00	29.37 0.97 0.00
EUCLID____115KV_TB2 356179	26.02 -0.29 0.00	23.10 -0.26 0.00	21.66 -0.24 0.00	20.82 -0.25 -0.02	20.56 -0.27 0.00	21.23 -0.24 0.00	22.81 -0.25 0.00	23.97 -0.27 0.00	26.82 -0.30 0.00	28.76 -0.29 0.00	29.63 -0.30 0.00	31.97 -0.42 0.00	33.48 -0.24 0.00	35.78 -0.32 0.00	37.59 -0.34 0.00	44.19 -0.49 0.00	50.58 -0.31 0.00	58.58 -0.53 0.00	50.27 -0.41 0.00	41.77 -0.29 0.00	38.86 -0.27 0.00	35.03 -0.18 0.00	30.97 -0.28 0.00	28.24 -0.17 0.00
E_CANADA_CAP_HY 24051	28.47 2.16 0.00	25.23 1.87 0.00	23.66 1.75 0.00	23.12 1.64 -0.42	22.39 1.56 0.00	23.25 1.78 0.00	24.93 1.87 0.00	26.18 1.94 0.00	29.21 2.09 0.00	31.01 2.12 0.16	31.84 2.16 0.25	34.66 2.27 0.00	36.07 2.36 0.00	38.60 2.49 0.00	40.54 2.62 0.00	47.94 3.26 0.00	54.90 4.02 0.00	63.96 4.85 0.00	55.09 4.41 0.00	45.85 3.79 0.00	42.73 3.60 0.00	38.52 3.31 0.00	33.94 2.69 0.00	30.71 2.30 0.00
E_CANADA_MHWK_HY 24050	26.42 0.11 0.00	23.45 0.09 0.00	21.99 0.09 0.00	21.14 0.08 0.00	20.87 0.04 0.00	21.56 0.09 0.00	23.08 0.02 0.00	24.24 0.00 0.00	27.15 0.03 0.00	29.08 0.03 0.00	29.99 0.06 0.00	32.59 0.20 0.00	33.92 0.20 0.00	36.15 0.04 0.00	38.00 0.08 0.00	44.68 0.00 0.00	50.99 0.10 0.00	59.17 0.06 0.00	50.68 0.00 0.00	42.11 0.04 0.00	39.17 0.04 0.00	35.39 0.18 0.00	31.44 0.19 0.00	28.58 0.17 0.00
E_FISHKILL____LBMP 23776	28.07 1.76 0.00	24.90 1.54 0.00	23.31 1.40 0.00	22.69 1.37 -0.27	22.02 1.19 0.00	22.80 1.33 0.00	24.49 1.43 0.00	25.94 1.70 0.00	29.04 1.93 0.00	31.26 1.98 -0.23	32.35 2.07 -0.35	34.85 2.46 0.00	36.04 2.33 0.00	38.75 2.64 0.00	40.62 2.69 0.00	48.03 3.35 0.00	54.70 3.82 0.00	63.25 4.14 0.00	53.92 3.24 0.00	44.51 2.44 0.00	41.37 2.23 0.00	37.11 1.90 0.00	33.22 1.97 0.00	30.11 1.70 0.00
FALCON____SEABRD_CC1 323796	26.63 0.32 0.00	23.52 0.16 0.00	21.97 0.07 0.00	21.09 0.04 0.00	21.10 0.27 0.00	21.62 0.15 0.00	23.27 0.21 0.00	24.58 0.34 0.00	27.58 0.46 0.00	29.75 0.70 0.00	30.65 0.72 0.00	33.07 0.68 0.00	34.22 0.51 0.00	36.65 0.54 0.00	38.46 0.53 0.00	45.52 0.85 0.00	50.93 0.05 0.00	59.76 0.65 0.00	51.75 1.07 0.00	42.99 0.92 0.00	40.00 0.86 0.00	35.81 0.60 0.00	31.69 0.44 0.00	28.66 0.26 0.00
FALCON____SEABRD_CC2 323797	26.63 0.32 0.00	23.52 0.16 0.00	21.97 0.07 0.00	21.09 0.04 0.00	21.10 0.27 0.00	21.62 0.15 0.00	23.27 0.21 0.00	24.58 0.34 0.00	27.58 0.46 0.00	29.75 0.70 0.00	30.65 0.72 0.00	33.07 0.68 0.00	34.22 0.51 0.00	36.65 0.54 0.00	38.46 0.53 0.00	45.52 0.85 0.00	50.93 0.05 0.00	59.76 0.65 0.00	51.75 1.07 0.00	42.99 0.92 0.00	40.00 0.86 0.00	35.81 0.60 0.00	31.69 0.44 0.00	28.66 0.26 0.00
FAR ROCKAWAY____4 23548	35.84 3.08 -6.45	32.33 2.64 -6.33	26.57 2.41 -2.26	23.65 2.32 -0.28	22.89 2.06 0.00	23.72 2.25 0.00	25.37 2.31 0.00	29.55 2.91 -2.40	34.61 3.31 -4.18	35.84 3.46 -3.34	33.85 3.56 -0.36	36.63 3.98 -0.26	38.64 3.94 -0.99	45.76 4.37 -5.28	49.83 4.59 -7.31	55.75 5.58 -5.49	60.58 6.31 -3.38	66.16 7.03 -0.02	56.42 5.73 -0.02	47.95 4.42 -1.47	43.59 4.07 -0.38	38.63 3.42 0.00	35.04 3.53 -0.26	33.49 3.10 -1.99
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.71 2.39 0.00	25.34 1.99 0.00	23.68 1.77 0.00	23.06 1.75 -0.26	22.35 1.52 0.00	23.14 1.67 0.00	24.84 1.78 0.00	26.57 2.33 0.00	29.75 2.63 0.00	32.00 2.73 -0.23	33.15 2.87 -0.34	35.73 3.34 0.00	36.85 3.14 0.00	39.61 3.50 0.00	41.53 3.60 0.00	49.19 4.51 0.00	55.97 5.09 0.00	64.61 5.50 0.00	54.94 4.26 0.00	45.18 3.11 0.00	42.03 2.90 0.00	37.67 2.46 0.00	33.94 2.69 0.00	30.77 2.36 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.71 2.39 0.00	25.34 1.99 0.00	23.70 1.80 0.00	23.06 1.75 -0.26	22.35 1.52 0.00	23.14 1.67 0.00	24.84 1.78 0.00	26.57 2.33 0.00	29.75 2.63 0.00	32.00 2.73 -0.23	33.15 2.87 -0.34	35.73 3.34 0.00	36.85 3.14 0.00	39.61 3.50 0.00	41.53 3.60 0.00	49.19 4.51 0.00	55.97 5.09 0.00	64.61 5.50 0.00	54.99 4.31 0.00	45.18 3.11 0.00	42.03 2.90 0.00	37.71 2.50 0.00	33.94 2.69 0.00	30.77 2.36 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.68 2.37 0.00	25.32 1.96 0.00	23.68 1.77 0.00	23.04 1.73 -0.26	22.33 1.50 0.00	23.12 1.65 0.00	24.84 1.78 0.00	26.54 2.30 0.00	29.75 2.63 0.00	31.98 2.70 -0.23	33.12 2.84 -0.34	35.69 3.30 0.00	36.82 3.10 0.00	39.58 3.47 0.00	41.49 3.57 0.00	49.15 4.47 0.00	55.92 5.04 0.00	64.55 5.44 0.00	54.89 4.21 0.00	45.14 3.07 0.00	41.99 2.86 0.00	37.64 2.43 0.00	33.91 2.66 0.00	30.74 2.33 0.00

FARRAGUT___LBMP 323566	28.65 2.34 0.00	25.30 1.94 0.00	23.66 1.75 0.00	23.04 1.73 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.52 2.28 0.00	29.69 2.58 0.00	31.95 2.67 -0.23	33.09 2.81 -0.34	35.66 3.27 0.00	36.78 3.07 0.00	39.54 3.43 0.00	41.46 3.53 0.00	49.10 4.42 0.00	55.82 4.94 0.00	64.49 5.38 0.00	54.84 4.16 0.00	45.09 3.03 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.88 2.63 0.00	30.71 2.30 0.00
FENNER___WINDPWR 24204	26.84 0.53 0.00	23.78 0.42 0.00	22.30 0.39 0.00	21.42 0.34 -0.03	21.12 0.29 0.00	21.88 0.41 0.00	23.52 0.46 0.00	24.73 0.48 0.00	27.63 0.51 0.00	29.63 0.58 0.00	30.50 0.57 0.00	33.07 0.68 0.00	34.59 0.88 0.00	36.90 0.79 0.00	38.80 0.87 0.00	45.62 0.94 0.00	52.20 1.32 0.00	60.64 1.53 0.00	52.10 1.42 0.00	43.29 1.22 0.00	40.27 1.14 0.00	36.23 1.02 0.00	32.00 0.75 0.00	29.06 0.65 0.00
FIBERTEK___ENERGY 23856	26.36 0.05 0.00	23.40 0.05 0.00	21.93 0.02 0.00	21.08 0.00 -0.03	20.81 -0.02 0.00	21.51 0.04 0.00	23.11 0.05 0.00	24.29 0.05 0.00	27.15 0.03 0.00	29.11 0.06 0.00	29.99 0.06 0.00	32.36 -0.03 0.00	33.88 0.17 0.00	36.22 0.11 0.00	38.04 0.11 0.00	44.72 0.04 0.00	51.19 0.31 0.00	59.29 0.18 0.00	50.88 0.20 0.00	42.32 0.25 0.00	39.37 0.23 0.00	35.53 0.32 0.00	31.41 0.16 0.00	28.58 0.17 0.00
FITZPATRICK____ 23598	25.60 -0.71 0.00	22.73 -0.63 0.00	21.33 -0.57 0.00	20.50 -0.57 -0.02	20.25 -0.58 0.00	20.91 -0.56 0.00	22.44 -0.62 0.00	23.56 -0.68 0.00	26.33 -0.79 0.00	28.24 -0.81 0.00	29.00 -0.93 0.00	31.39 -1.00 0.00	32.81 -0.91 0.00	35.06 -1.05 0.00	36.83 -1.10 0.00	43.34 -1.34 0.00	49.51 -1.37 0.00	57.39 -1.72 0.00	49.26 -1.42 0.00	40.97 -1.09 0.00	38.12 -1.02 0.00	34.33 -0.88 0.00	30.41 -0.84 0.00	27.73 -0.68 0.00
FLOWRFLD_69_KV_BK1 356044	35.92 3.16 -6.45	32.40 2.71 -6.33	26.64 2.48 -2.26	23.71 2.38 -0.28	23.08 2.25 0.00	23.90 2.43 0.00	25.39 2.33 0.00	29.62 2.98 -2.40	34.53 3.23 -4.18	35.79 3.40 -3.34	33.82 3.50 -0.38	39.82 3.85 -3.58	46.33 3.88 -8.74	50.66 4.19 -10.36	59.29 4.36 -17.00	110.23 5.32 -60.23	289.92 6.16 -232.88	313.52 6.74 -247.67	141.94 5.47 -85.78	108.95 4.25 -62.63	105.95 3.91 -62.90	51.67 3.27 -13.18	43.94 3.53 -9.16	35.29 3.30 -3.59
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.44 2.13 0.00	25.18 1.82 0.00	23.57 1.66 0.00	22.91 1.60 -0.26	22.18 1.35 0.00	22.95 1.48 0.00	24.67 1.61 0.00	26.11 1.87 0.00	29.26 2.14 0.00	31.46 2.24 -0.17	32.47 2.27 -0.26	35.14 2.75 0.00	36.38 2.66 0.00	39.14 3.03 0.00	41.04 3.11 0.00	48.52 3.84 0.00	55.31 4.43 0.00	64.02 4.91 0.00	54.63 3.95 0.00	45.09 3.03 0.00	41.91 2.78 0.00	37.57 2.36 0.00	33.56 2.31 0.00	30.40 1.99 0.00
FORT ORANGE____ 23900	27.47 1.16 0.00	24.43 1.08 0.00	22.89 0.99 0.00	22.33 0.95 -0.33	21.66 0.83 0.00	22.44 0.97 0.00	24.10 1.04 0.00	25.28 1.04 0.00	28.34 1.22 0.00	30.04 1.22 0.23	30.95 1.38 0.35	33.81 1.42 0.00	35.06 1.35 0.00	37.66 1.55 0.00	39.60 1.67 0.00	46.69 2.01 0.00	53.23 2.34 0.00	61.77 2.66 0.00	52.86 2.18 0.00	43.87 1.81 0.00	40.78 1.64 0.00	36.65 1.44 0.00	32.56 1.31 0.00	29.49 1.08 0.00
FORT_DRUM_COGEN 23780	26.50 0.18 0.00	23.43 0.07 0.00	21.95 0.04 0.00	21.06 0.00 -0.01	20.83 0.00 0.00	21.56 0.09 0.00	23.18 0.12 0.00	24.29 0.05 0.00	27.06 -0.05 0.00	28.99 -0.06 0.00	29.87 -0.06 0.00	32.45 0.06 0.00	33.81 0.10 0.00	36.07 -0.04 0.00	37.89 -0.04 0.00	44.50 -0.18 0.00	50.93 0.05 0.00	59.40 0.30 0.00	51.39 0.71 0.00	42.86 0.80 0.00	39.88 0.74 0.00	35.95 0.74 0.00	31.69 0.44 0.00	28.69 0.28 0.00
FPL_FAR_ROCK_GT1 24212	35.84 3.08 -6.46	32.33 2.64 -6.34	26.51 2.34 -2.26	23.57 2.23 -0.28	22.74 1.92 0.00	23.62 2.15 0.00	25.44 2.38 0.00	29.48 2.83 -2.40	34.64 3.33 -4.18	35.87 3.48 -3.34	34.03 3.74 -0.36	36.40 3.76 -0.26	38.34 3.64 -0.99	45.61 4.22 -5.28	49.71 4.47 -7.31	55.48 5.31 -5.49	60.17 5.90 -3.38	65.63 6.50 -0.02	55.92 5.22 -0.02	47.40 3.87 -1.47	43.20 3.68 -0.38	38.41 3.20 0.00	34.98 3.47 -0.26	33.50 3.10 -1.99
FPL_FAR_ROCK_GT2 23815	35.84 3.08 -6.46	32.33 2.64 -6.34	26.51 2.34 -2.26	23.57 2.23 -0.28	22.74 1.92 0.00	23.62 2.15 0.00	25.44 2.38 0.00	29.48 2.83 -2.40	34.64 3.33 -4.18	35.87 3.48 -3.34	34.03 3.74 -0.36	36.40 3.76 -0.26	38.34 3.64 -0.99	45.61 4.22 -5.28	49.71 4.47 -7.31	55.48 5.31 -5.49	60.17 5.90 -3.38	65.63 6.50 -0.02	55.92 5.22 -0.02	47.40 3.87 -1.47	43.20 3.68 -0.38	38.41 3.20 0.00	34.98 3.47 -0.26	33.50 3.10 -1.99
FRANKLIN_FALL_HYD 24054	25.86 -0.45 0.00	22.87 -0.49 0.00	21.38 -0.53 0.00	20.53 -0.53 0.00	20.47 -0.35 0.00	21.00 -0.47 0.00	22.60 -0.46 0.00	23.85 -0.39 0.00	26.74 -0.38 0.00	28.82 -0.23 0.00	29.69 -0.24 0.00	32.16 -0.23 0.00	33.28 -0.44 0.00	35.50 -0.61 0.00	37.32 -0.61 0.00	44.14 -0.54 0.00	50.07 -0.81 0.00	58.70 -0.41 0.00	50.83 0.15 0.00	42.23 0.17 0.00	39.33 0.20 0.00	35.17 -0.04 0.00	31.13 -0.13 0.00	28.15 -0.26 0.00
FREEPORT_EQUS_GT1 23764	35.66 2.89 -6.45	32.17 2.47 -6.34	26.35 2.19 -2.26	23.42 2.08 -0.28	22.62 1.79 0.00	23.49 2.02 0.00	25.32 2.26 0.00	29.33 2.69 -2.40	34.42 3.12 -4.18	35.64 3.25 -3.34	33.79 3.50 -0.36	36.24 3.59 -0.26	38.17 3.47 -0.99	45.36 3.97 -5.28	49.26 4.02 -7.31	54.99 4.83 -5.49	59.61 5.34 -3.38	65.03 5.91 -0.01	55.35 4.66 -0.01	46.90 3.37 -1.47	42.92 3.40 -0.38	38.17 2.96 0.00	34.79 3.28 -0.26	33.35 2.95 -1.99
FREEPORT___CT2 23818	35.66 2.89 -6.45	32.17 2.47 -6.34	26.35 2.19 -2.26	23.42 2.08 -0.28	22.62 1.79 0.00	23.49 2.02 0.00	25.32 2.26 0.00	29.33 2.69 -2.40	34.42 3.12 -4.18	35.64 3.25 -3.34	33.79 3.50 -0.36	36.24 3.59 -0.26	38.17 3.47 -0.99	45.36 3.97 -5.28	49.26 4.02 -7.31	54.99 4.83 -5.49	59.61 5.34 -3.38	65.03 5.91 -0.01	55.35 4.66 -0.01	46.90 3.37 -1.47	42.92 3.40 -0.38	38.17 2.96 0.00	34.79 3.28 -0.26	33.35 2.95 -1.99
FRESHKLS_33_KV_LOAD 356253	29.99 2.47 -1.20	25.44 2.08 -0.01	23.77 1.86 -0.01	23.13 1.81 -0.27	22.40 1.56 -0.01	23.01 1.55 0.00	24.67 1.61 0.01	26.54 2.30 0.01	33.37 2.71 -3.54	34.84 2.88 -2.92	34.20 2.93 -1.34	36.00 3.40 -0.21	36.84 3.14 0.01	39.71 3.61 0.01	41.64 3.72 0.01	49.36 4.69 0.01	56.12 5.24 0.01	64.66 5.56 0.01	54.93 4.26 0.01	45.04 2.99 0.01	42.10 2.97 0.01	37.81 2.61 0.01	36.33 2.91 -2.17	31.72 2.47 -0.84
FULTON COGEN____ 23766	25.97 -0.34 0.00	23.08 -0.28 0.00	21.62 -0.28 0.00	20.80 -0.27 -0.02	20.54 -0.29 0.00	21.21 -0.26 0.00	22.78 -0.28 0.00	23.93 -0.32 0.00	26.74 -0.38 0.00	28.64 -0.41 0.00	29.48 -0.45 0.00	31.81 -0.58 0.00	33.24 -0.47 0.00	35.53 -0.58 0.00	37.28 -0.64 0.00	43.87 -0.80 0.00	50.17 -0.71 0.00	58.22 -0.89 0.00	49.92 -0.76 0.00	41.52 -0.55 0.00	38.63 -0.51 0.00	34.89 -0.32 0.00	30.91 -0.34 0.00	28.15 -0.26 0.00



FULTON___LFGE 323630	29.02 2.71 0.00	25.71 2.36 0.00	24.05 2.15 0.00	23.49 2.04 -0.40	22.77 1.94 0.00	23.66 2.19 0.00	25.48 2.42 0.00	26.74 2.50 0.00	29.80 2.69 0.00	31.48 2.62 0.18	32.25 2.60 0.28	35.60 3.21 0.00	37.05 3.34 0.00	39.18 3.07 0.00	41.19 3.26 0.00	48.74 4.07 0.00	55.92 5.04 0.00	65.37 6.26 0.00	56.35 5.67 0.00	47.03 4.96 0.00	43.79 4.65 0.00	39.33 4.12 0.00	34.56 3.31 0.00	31.19 2.79 0.00
G.F.CEMENT___DRP 24184	27.86 1.55 0.00	24.73 1.38 0.00	23.15 1.25 0.00	22.58 1.18 -0.35	21.93 1.10 0.00	22.74 1.27 0.00	24.47 1.41 0.00	25.77 1.53 0.00	28.85 1.74 0.00	30.52 1.74 0.27	31.01 1.50 0.41	34.17 1.78 0.00	35.33 1.62 0.00	37.91 1.81 0.00	39.75 1.82 0.00	47.05 2.37 0.00	54.14 3.26 0.00	62.95 3.84 0.00	53.87 3.19 0.00	44.84 2.78 0.00	41.87 2.74 0.00	37.53 2.32 0.00	33.19 1.94 0.00	29.97 1.56 0.00
GARDENVILLE___LBMP 24039	26.47 0.16 0.00	23.40 0.05 0.00	21.84 -0.07 0.00	20.71 -0.38 -0.04	20.58 -0.25 0.00	21.36 -0.11 0.00	23.01 -0.05 0.00	24.05 -0.19 0.00	26.79 -0.33 0.00	29.19 0.15 0.00	30.38 0.45 0.00	31.71 -0.68 0.00	34.25 0.54 0.00	36.22 0.11 0.00	38.12 0.19 0.00	44.23 -0.45 0.00	51.34 0.46 0.00	58.99 -0.12 0.00	50.98 0.30 0.00	42.74 0.67 0.00	39.64 0.51 0.00	36.16 0.95 0.00	31.22 -0.03 0.00	29.32 0.91 0.00
GARDNVLA_35_KV_LD 355827	26.57 0.26 0.00	23.52 0.16 0.00	21.93 0.02 0.00	20.78 -0.32 -0.04	20.66 -0.17 0.00	21.45 -0.02 0.00	23.11 0.05 0.00	24.14 -0.10 0.00	26.90 -0.22 0.00	29.34 0.29 0.00	30.53 0.60 0.00	31.90 -0.49 0.00	34.46 0.74 0.00	36.43 0.32 0.00	38.35 0.42 0.00	44.54 -0.13 0.00	51.65 0.76 0.00	59.35 0.24 0.00	51.24 0.56 0.00	42.95 0.88 0.00	39.88 0.74 0.00	36.37 1.16 0.00	31.34 0.09 0.00	29.46 1.05 0.00
GELCKHM___115KV_LOAD 80723	26.13 -0.18 0.00	23.22 -0.14 0.00	21.75 -0.15 0.00	20.91 -0.17 -0.02	20.64 -0.19 0.00	21.34 -0.13 0.00	22.92 -0.14 0.00	24.10 -0.15 0.00	26.93 -0.19 0.00	28.90 -0.15 0.00	29.75 -0.18 0.00	32.10 -0.29 0.00	33.61 -0.10 0.00	35.93 -0.18 0.00	37.74 -0.19 0.00	44.37 -0.31 0.00	50.78 -0.10 0.00	58.81 -0.30 0.00	50.48 -0.20 0.00	41.98 -0.08 0.00	39.02 -0.12 0.00	35.21 0.00 0.00	31.13 -0.13 0.00	28.35 -0.06 0.00
GENERAL___MILLS 23808	26.52 0.21 0.00	23.45 0.09 0.00	21.88 -0.02 0.00	20.73 -0.36 -0.04	20.62 -0.21 0.00	21.40 -0.06 0.00	23.06 0.00 0.00	24.10 -0.15 0.00	26.85 -0.27 0.00	29.25 0.20 0.00	30.44 0.51 0.00	31.81 -0.58 0.00	34.35 0.64 0.00	36.33 0.22 0.00	38.23 0.30 0.00	44.37 -0.31 0.00	51.49 0.61 0.00	59.17 0.06 0.00	51.14 0.46 0.00	42.82 0.76 0.00	39.76 0.63 0.00	36.27 1.06 0.00	31.28 0.03 0.00	29.40 0.99 0.00
GE_PLASTICS___DRP 24183	27.36 1.05 0.00	24.34 0.98 0.00	22.82 0.92 0.00	22.27 0.88 -0.33	21.62 0.79 0.00	22.35 0.88 0.00	24.01 0.95 0.00	25.21 0.97 0.00	28.26 1.14 0.00	29.99 1.13 0.19	30.78 1.14 0.29	33.78 1.39 0.00	35.03 1.31 0.00	37.63 1.52 0.00	39.48 1.56 0.00	46.55 1.88 0.00	53.02 2.14 0.00	61.47 2.36 0.00	52.61 1.93 0.00	43.62 1.56 0.00	40.58 1.45 0.00	36.44 1.23 0.00	32.41 1.16 0.00	29.37 0.97 0.00
GILBOA___1 23756	27.34 1.03 0.00	24.27 0.91 0.00	22.89 0.99 0.00	22.28 0.97 -0.26	21.64 0.81 0.00	22.44 0.97 0.00	24.10 1.04 0.00	25.21 0.97 0.00	28.20 1.09 0.00	30.15 1.10 0.00	31.19 1.26 0.00	33.75 1.36 0.00	35.03 1.31 0.00	37.56 1.45 0.00	39.45 1.52 0.00	46.42 1.74 0.00	52.77 1.88 0.00	61.18 2.07 0.00	52.30 1.62 0.00	43.41 1.35 0.00	40.47 1.33 0.00	36.37 1.16 0.00	32.37 1.12 0.00	29.40 0.99 0.00
GILBOA___2 23757	27.34 1.03 0.00	24.27 0.91 0.00	22.89 0.99 0.00	22.28 0.97 -0.26	21.64 0.81 0.00	22.44 0.97 0.00	24.10 1.04 0.00	25.21 0.97 0.00	28.20 1.09 0.00	30.15 1.10 0.00	31.19 1.26 0.00	33.75 1.36 0.00	35.03 1.31 0.00	37.56 1.45 0.00	39.45 1.52 0.00	46.42 1.74 0.00	52.77 1.88 0.00	61.18 2.07 0.00	52.30 1.62 0.00	43.41 1.35 0.00	40.47 1.33 0.00	36.37 1.16 0.00	32.37 1.12 0.00	29.40 0.99 0.00
GILBOA___3 23758	27.34 1.03 0.00	24.27 0.91 0.00	22.89 0.99 0.00	22.28 0.97 -0.26	21.64 0.81 0.00	22.44 0.97 0.00	24.10 1.04 0.00	25.21 0.97 0.00	28.20 1.09 0.00	30.15 1.10 0.00	31.19 1.26 0.00	33.75 1.36 0.00	35.03 1.31 0.00	37.56 1.45 0.00	39.45 1.52 0.00	46.42 1.74 0.00	52.77 1.88 0.00	61.18 2.07 0.00	52.30 1.62 0.00	43.41 1.35 0.00	40.47 1.33 0.00	36.37 1.16 0.00	32.37 1.12 0.00	29.40 0.99 0.00
GILBOA___4 23759	27.34 1.03 0.00	24.27 0.91 0.00	22.89 0.99 0.00	22.28 0.97 -0.26	21.64 0.81 0.00	22.44 0.97 0.00	24.10 1.04 0.00	25.21 0.97 0.00	28.20 1.09 0.00	30.15 1.10 0.00	31.19 1.26 0.00	33.75 1.36 0.00	35.03 1.31 0.00	37.56 1.45 0.00	39.45 1.52 0.00	46.42 1.74 0.00	52.77 1.88 0.00	61.18 2.07 0.00	52.30 1.62 0.00	43.41 1.35 0.00	40.47 1.33 0.00	36.37 1.16 0.00	32.37 1.12 0.00	29.40 0.99 0.00
GILBOA___ 23599	27.34 1.03 0.00	24.27 0.91 0.00	22.91 1.01 0.00	22.28 0.97 -0.26	21.68 0.85 0.00	22.44 0.97 0.00	24.10 1.04 0.00	25.21 0.97 0.00	28.20 1.08 0.00	30.15 1.10 0.00	31.10 1.17 0.00	33.78 1.39 0.00	35.06 1.35 0.00	37.63 1.52 0.00	39.48 1.56 0.00	46.47 1.79 0.00	52.82 1.93 0.00	61.18 2.07 0.00	52.30 1.62 0.00	43.45 1.39 0.00	40.51 1.37 0.00	36.37 1.16 0.00	32.38 1.13 0.00	29.40 0.99 0.00
GINNA___ 23603	25.18 -1.13 0.00	22.31 -1.05 0.00	20.87 -1.03 0.00	20.01 -1.07 -0.03	19.70 -1.13 0.00	20.42 -1.05 0.00	21.93 -1.13 0.00	23.05 -1.19 0.00	25.79 -1.33 0.00	27.89 -1.16 0.00	28.40 -1.53 0.00	30.74 -1.65 0.00	32.67 -1.05 0.00	34.81 -1.30 0.00	36.49 -1.44 0.00	42.71 -1.96 0.00	49.36 -1.53 0.00	57.10 -2.01 0.00	49.11 -1.57 0.00	41.06 -1.01 0.00	38.12 -1.02 0.00	34.33 -0.88 0.00	29.97 -1.28 0.00	27.67 -0.74 0.00
GLEN PARK___ 23778	26.65 0.34 0.00	23.54 0.19 0.00	22.06 0.15 0.00	21.15 0.08 -0.01	20.91 0.08 0.00	21.64 0.17 0.00	23.29 0.23 0.00	24.41 0.17 0.00	27.17 0.05 0.00	29.11 0.06 0.00	29.96 0.03 0.00	32.65 0.26 0.00	34.05 0.34 0.00	36.18 0.07 0.00	38.08 0.15 0.00	44.72 0.04 0.00	51.19 0.31 0.00	59.76 0.65 0.00	51.75 1.07 0.00	43.16 1.09 0.00	40.19 1.06 0.00	36.23 1.02 0.00	31.91 0.66 0.00	28.89 0.48 0.00
GLENDALE_27_KV_LOAD 356172	28.95 2.63 -0.01	25.51 2.15 0.00	23.85 1.95 0.00	23.19 1.87 -0.26	22.47 1.65 0.00	23.21 1.74 0.00	24.91 1.84 0.00	26.74 2.50 0.00	31.10 2.85 -1.14	33.13 2.99 -1.09	33.70 3.11 -0.66	36.08 3.63 -0.06	37.12 3.41 0.00	39.97 3.86 0.00	41.87 3.94 0.00	49.59 4.91 0.00	56.33 5.44 0.00	64.90 5.79 0.00	55.14 4.46 0.00	45.35 3.28 0.00	42.31 3.17 0.00	37.92 2.71 0.00	34.26 3.00 -0.01	31.03 2.61 -0.01

GLENWOOD_IC_1_G5 23712	35.34 2.58 -6.45	31.89 2.20 -6.33	26.15 1.99 -2.26	23.27 1.94 -0.28	22.54 1.71 0.00	23.36 1.89 0.00	25.02 1.96 0.00	29.13 2.50 -2.40	34.12 2.82 -4.18	35.35 2.96 -3.34	33.37 3.08 -0.36	36.15 3.50 -0.26	38.00 3.30 -0.99	45.07 3.68 -5.28	49.03 3.79 -7.31	54.86 4.69 -5.49	59.56 5.29 -3.38	64.98 5.85 -0.02	55.31 4.61 -0.02	46.99 3.45 -1.47	42.69 3.17 -0.38	37.89 2.68 0.00	34.48 2.97 -0.26	33.01 2.61 -1.99
GLENWOOD_IC_2_G1 23688	35.13 2.37 -6.45	31.72 2.03 -6.33	25.96 1.80 -2.26	23.10 1.77 -0.28	22.31 1.48 0.00	23.16 1.70 0.00	24.93 1.87 0.00	28.89 2.25 -2.40	33.91 2.60 -4.18	35.09 2.70 -3.34	33.28 2.99 -0.36	35.83 3.18 -0.26	37.67 2.97 -0.99	44.78 3.39 -5.28	48.81 3.56 -7.31	54.50 4.33 -5.49	59.10 4.84 -3.38	64.45 5.32 -0.02	54.85 4.16 -0.02	46.52 2.99 -1.47	42.34 2.82 -0.38	37.67 2.46 0.00	34.16 2.65 -0.26	32.75 2.36 -1.99
GLENWOOD_IC_3_G1 23689	35.13 2.37 -6.45	31.72 2.03 -6.33	25.96 1.80 -2.26	23.10 1.77 -0.28	22.31 1.48 0.00	23.16 1.70 0.00	24.93 1.87 0.00	28.89 2.25 -2.40	33.91 2.60 -4.18	35.09 2.70 -3.34	33.28 2.99 -0.36	35.83 3.18 -0.26	37.67 2.97 -0.99	44.78 3.39 -5.28	48.81 3.56 -7.31	54.50 4.33 -5.49	59.10 4.84 -3.38	64.45 5.32 -0.02	54.85 4.16 -0.02	46.52 2.99 -1.47	42.34 2.82 -0.38	37.67 2.46 0.00	34.16 2.65 -0.26	32.75 2.36 -1.99
GLENWOOD___4 23550	35.34 2.58 -6.45	31.89 2.20 -6.33	26.15 1.99 -2.26	23.27 1.94 -0.28	22.54 1.71 0.00	23.36 1.89 0.00	25.02 1.96 0.00	29.13 2.50 -2.40	34.12 2.82 -4.18	35.35 2.96 -3.34	33.37 3.08 -0.36	36.18 3.53 -0.26	38.07 3.37 -0.99	45.15 3.76 -5.28	49.11 3.87 -7.31	54.95 4.78 -5.49	59.71 5.44 -3.38	65.09 5.97 -0.02	55.46 4.76 -0.02	47.11 3.58 -1.47	42.81 3.29 -0.38	37.96 2.75 0.00	34.48 2.97 -0.26	33.01 2.61 -1.99
GLENWOOD___5 23614	35.34 2.58 -6.45	31.89 2.20 -6.33	26.15 1.99 -2.26	23.27 1.94 -0.28	22.54 1.71 0.00	23.36 1.89 0.00	25.02 1.96 0.00	29.13 2.50 -2.40	34.12 2.82 -4.18	35.35 2.96 -3.34	33.37 3.08 -0.36	36.18 3.53 -0.26	38.07 3.37 -0.99	45.15 3.76 -5.28	49.11 3.87 -7.31	54.95 4.78 -5.49	59.71 5.44 -3.38	65.09 5.97 -0.02	55.46 4.76 -0.02	47.11 3.58 -1.47	42.81 3.29 -0.38	37.96 2.75 0.00	34.48 2.97 -0.26	33.01 2.61 -1.99
GLOBAL GREEN_PORT_GT1 23814	37.10 4.34 -6.45	33.41 3.71 -6.33	27.49 3.33 -2.26	24.45 3.12 -0.28	23.77 2.94 0.00	24.67 3.20 0.00	26.63 3.57 0.00	30.49 3.85 -2.40	35.91 4.61 -4.18	37.30 4.91 -3.34	35.88 5.57 -0.39	42.50 5.80 -4.32	46.40 5.87 -6.82	52.93 6.54 -10.29	59.28 6.75 -14.60	99.39 8.04 -46.67	116.09 9.21 -56.00	132.52 10.34 -63.07	123.73 8.51 -64.54	95.90 6.35 -47.48	92.50 5.95 -47.42	51.88 5.32 -11.35	43.42 5.22 -6.95	36.39 4.63 -3.35
GLOBE___DSASP 323697	25.55 -0.76 0.00	22.61 -0.75 0.00	21.29 -0.61 0.00	20.37 -0.72 -0.04	19.89 -0.94 0.00	20.63 -0.84 0.00	22.28 -0.78 0.00	23.08 -1.16 0.00	25.65 -1.46 0.00	28.06 -0.99 0.00	29.18 -0.75 0.00	30.28 -2.11 0.00	32.74 -0.98 0.00	34.56 -1.55 0.00	36.41 -1.52 0.00	42.18 -2.50 0.00	49.05 -1.83 0.00	56.33 -2.78 0.00	48.75 -1.93 0.00	40.89 -1.18 0.00	38.00 -1.13 0.00	34.68 -0.53 0.00	29.91 -1.34 0.00	28.32 -0.09 0.00
GOETHSLN___LBMP 323567	28.55 2.24 0.00	25.18 1.82 0.00	23.55 1.64 0.00	22.93 1.62 -0.26	22.20 1.37 0.00	22.99 1.52 0.00	24.70 1.64 0.00	26.42 2.18 0.00	29.59 2.47 0.00	31.77 2.50 -0.23	32.91 2.63 -0.34	35.50 3.11 0.00	36.58 2.87 0.00	39.36 3.25 0.00	41.19 3.26 0.00	48.79 4.11 0.00	55.51 4.63 0.00	64.13 5.02 0.00	54.53 3.85 0.00	44.80 2.73 0.00	41.68 2.54 0.00	37.39 2.18 0.00	33.69 2.44 0.00	30.57 2.16 0.00
GOLAH___69_KV_TB 1_2 80279	26.57 0.26 0.00	23.59 0.23 0.00	21.99 0.09 0.00	21.06 -0.02 -0.03	20.77 -0.06 0.00	21.56 0.09 0.00	23.15 0.09 0.00	24.24 0.00 0.00	27.01 -0.11 0.00	29.31 0.26 0.00	30.38 0.45 0.00	32.16 -0.23 0.00	34.32 0.61 0.00	36.47 0.36 0.00	38.23 0.30 0.00	44.59 -0.09 0.00	51.54 0.66 0.00	59.46 0.35 0.00	51.34 0.66 0.00	42.95 0.88 0.00	39.92 0.78 0.00	36.23 1.02 0.00	31.50 0.25 0.00	29.37 0.97 0.00
GOODYEAR_LAKE_HYD 323669	27.68 1.37 0.00	24.50 1.14 0.00	23.02 1.12 0.00	22.11 1.01 -0.05	21.79 0.96 0.00	22.59 1.12 0.00	24.31 1.25 0.00	25.50 1.26 0.00	28.50 1.38 0.00	30.53 1.48 0.00	31.52 1.59 0.00	34.14 1.75 0.00	35.57 1.85 0.00	38.06 1.95 0.00	39.94 2.01 0.00	47.05 2.37 0.00	53.73 2.85 0.00	62.30 3.19 0.00	53.47 2.79 0.00	44.38 2.31 0.00	41.29 2.15 0.00	37.15 1.94 0.00	32.88 1.63 0.00	29.83 1.42 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.73 0.42 0.00	23.71 0.35 0.00	22.21 0.31 0.00	21.30 0.17 -0.08	21.02 0.19 0.00	21.79 0.32 0.00	23.43 0.37 0.00	24.68 0.44 0.00	27.58 0.46 0.00	29.63 0.58 0.00	30.59 0.66 0.00	32.91 0.52 0.00	34.62 0.91 0.00	36.94 0.83 0.00	38.76 0.83 0.00	45.53 0.85 0.00	52.26 1.37 0.00	60.41 1.30 0.00	51.85 1.17 0.00	43.16 1.09 0.00	40.11 0.98 0.00	36.23 1.02 0.00	31.91 0.66 0.00	29.15 0.74 0.00
GOUDEY___7 23579	26.76 0.45 0.00	23.73 0.37 0.00	22.23 0.33 0.00	21.32 0.19 -0.08	21.04 0.21 0.00	21.81 0.34 0.00	23.45 0.39 0.00	24.70 0.46 0.00	27.61 0.49 0.00	29.69 0.64 0.00	30.62 0.69 0.00	32.97 0.58 0.00	34.66 0.94 0.00	37.01 0.90 0.00	38.84 0.91 0.00	45.62 0.94 0.00	52.31 1.42 0.00	60.47 1.36 0.00	51.95 1.27 0.00	43.24 1.18 0.00	40.15 1.02 0.00	36.27 1.06 0.00	31.94 0.69 0.00	29.17 0.77 0.00
GOUDEY___8 23580	26.73 0.42 0.00	23.71 0.35 0.00	22.21 0.31 0.00	21.30 0.17 -0.08	21.02 0.19 0.00	21.79 0.32 0.00	23.43 0.37 0.00	24.68 0.44 0.00	27.58 0.46 0.00	29.63 0.58 0.00	30.59 0.66 0.00	32.91 0.52 0.00	34.62 0.91 0.00	36.94 0.83 0.00	38.76 0.83 0.00	45.53 0.85 0.00	52.26 1.37 0.00	60.41 1.30 0.00	51.85 1.17 0.00	43.16 1.09 0.00	40.11 0.98 0.00	36.23 1.02 0.00	31.91 0.66 0.00	29.15 0.74 0.00
GOWANUS_GT1_1 24077	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT1_2 24078	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63

GOWANUS_GT1_3 24079	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT1_4 24080	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT1_5 24084	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT1_6 24111	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT1_7 24112	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT1_8 24113	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT2_1 24114	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
GOWANUS_GT2_2 24115	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.																			

GOWANUS_GT3_2 24123	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
GOWANUS_GT3_3 24124	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
GOWANUS_GT3_4 24125	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
GOWANUS_GT3_5 24126	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
GOWANUS_GT3_6 24127	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
GOWANUS_GT3_7 24128	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
GOWANUS_GT3_8 24129	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
GOWANUS_GT4_1 24130	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT4_2 24131	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT4_3 24132	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT4_4 24133	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT4_5 24134	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT4_6 24135	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT4_7 24136	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GOWANUS_GT4_8 24137	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63

GREENBSH_115KV_TB3 55895	27.34 1.03 0.00	24.31 0.96 0.00	22.80 0.90 0.00	22.25 0.86 -0.34	21.60 0.77 0.00	22.33 0.86 0.00	23.98 0.92 0.00	25.19 0.95 0.00	28.23 1.11 0.00	29.91 1.10 0.25	30.66 1.11 0.37	33.75 1.36 0.00	34.99 1.28 0.00	37.59 1.48 0.00	39.45 1.52 0.00	46.51 1.83 0.00	53.02 2.14 0.00	61.47 2.36 0.00	52.61 1.93 0.00	43.62 1.56 0.00	40.54 1.41 0.00	36.41 1.20 0.00	32.38 1.13 0.00	29.32 0.91 0.00
GREENDGE_115KV_TB5 80291	26.76 0.45 0.00	23.68 0.33 0.00	22.14 0.24 0.00	21.18 0.08 -0.05	20.95 0.12 0.00	21.75 0.28 0.00	23.45 0.39 0.00	24.70 0.46 0.00	27.58 0.46 0.00	29.80 0.76 0.00	30.80 0.87 0.00	32.97 0.58 0.00	34.59 0.88 0.00	36.87 0.76 0.00	38.69 0.76 0.00	45.35 0.67 0.00	52.36 1.48 0.00	60.47 1.36 0.00	52.10 1.42 0.00	43.50 1.43 0.00	40.35 1.21 0.00	36.44 1.23 0.00	32.13 0.88 0.00	29.46 1.05 0.00
GREENIDGE___3 23582	26.76 0.45 0.00	23.68 0.33 0.00	22.14 0.24 0.00	21.18 0.08 -0.05	20.95 0.12 0.00	21.75 0.28 0.00	23.45 0.39 0.00	24.70 0.46 0.00	27.58 0.46 0.00	29.80 0.76 0.00	30.80 0.87 0.00	32.97 0.58 0.00	34.59 0.88 0.00	36.87 0.76 0.00	38.69 0.76 0.00	45.35 0.67 0.00	52.36 1.48 0.00	60.47 1.36 0.00	52.10 1.42 0.00	43.50 1.43 0.00	40.35 1.21 0.00	36.44 1.23 0.00	32.13 0.88 0.00	29.46 1.05 0.00
GREENIDGE___4 23583	26.76 0.45 0.00	23.68 0.33 0.00	22.17 0.26 0.00	21.21 0.11 -0.05	20.91 0.08 0.00	21.77 0.30 0.00	23.41 0.35 0.00	24.70 0.46 0.00	27.58 0.46 0.00	29.80 0.75 0.00	30.44 0.51 0.00	33.04 0.65 0.00	34.72 1.01 0.00	36.94 0.83 0.00	38.73 0.80 0.00	45.39 0.71 0.00	52.41 1.53 0.00	60.59 1.48 0.00	52.25 1.57 0.00	43.62 1.56 0.00	40.50 1.37 0.00	36.48 1.27 0.00	32.19 0.94 0.00	29.51 1.11 0.00
GREENLWN_69_KV_BK 3 55738	35.42 2.66 -6.45	32.00 2.31 -6.33	26.26 2.10 -2.26	23.37 2.04 -0.28	22.66 1.83 0.00	23.47 2.00 0.00	25.09 2.03 0.00	29.25 2.62 -2.40	34.29 2.98 -4.18	35.44 3.05 -3.34	33.16 2.87 -0.35	35.37 3.21 0.23	36.68 3.27 0.30	43.67 3.68 -3.88	47.38 3.75 -5.70	45.80 4.74 3.61	23.51 5.50 32.87	36.14 5.97 28.94	41.25 4.81 14.24	37.07 3.70 8.70	32.41 3.29 10.01	35.65 2.57 2.13	32.93 2.91 1.22	32.81 2.67 -1.73
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63
GRISSOM___SOLAR 323813	29.02 2.71 0.00	25.71 2.36 0.00	24.05 2.15 0.00	23.49 2.04 -0.40	22.77 1.94 0.00	23.66 2.19 0.00	25.48 2.42 0.00	26.74 2.50 0.00	29.80 2.69 0.00	31.48 2.62 0.18	32.25 2.60 0.28	35.60 3.21 0.00	37.05 3.34 0.00	39.18 3.07 0.00	41.19 3.26 0.00	48.74 4.07 0.00	55.92 5.04 0.00	65.37 6.26 0.00	56.35 5.67 0.00	47.03 4.96 0.00	43.79 4.65 0.00	39.33 4.12 0.00	34.56 3.31 0.00	31.19 2.79 0.00
GROVEVILLE___HYD 323602	28.44 2.13 0.00	25.18 1.82 0.00	23.57 1.66 0.00	22.91 1.60 -0.26	22.18 1.35 0.00	22.95 1.48 0.00	24.67 1.61 0.00	26.11 1.87 0.00	29.26 2.14 0.00	31.46 2.24 -0.17	32.47 2.27 -0.26	35.14 2.75 0.00	36.38 2.66 0.00	39.14 3.03 0.00	41.04 3.11 0.00	48.52 3.84 0.00	55.31 4.43 0.00	64.02 4.91 0.00	54.63 3.95 0.00	45.09 3.03 0.00	41.91 2.78 0.00	37.57 2.36 0.00	33.56 2.31 0.00	30.40 1.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.36 0.05 0.00	23.40 0.05 0.00	21.93 0.02 0.00	21.08 0.00 -0.03	20.81 -0.02 0.00	21.51 0.04 0.00	23.11 0.05 0.00	24.29 0.05 0.00	27.15 0.03 0.00	29.11 0.06 0.00	29.99 0.06 0.00	32.36 -0.03 0.00	33.88 0.17 0.00	36.22 0.11 0.00	38.04 0.11 0.00	44.72 0.04 0.00	51.19 0.31 0.00	59.29 0.18 0.00	50.88 0.20 0.00	42.32 0.25 0.00	39.37 0.23 0.00	35.53 0.32 0.00	31.41 0.16 0.00	28.58 0.17 0.00
HAMLTNNY_34_KV_TB 80303	26.44 0.13 0.00	23.47 0.12 0.00	21.99 0.09 0.00	21.14 0.06 -0.03	20.87 0.04 0.00	21.58 0.11 0.00	23.18 0.12 0.00	24.39 0.15 0.00	27.28 0.16 0.00	29.25 0.20 0.00	30.14 0.21 0.00	32.42 0.03 0.00	33.98 0.27 0.00	36.33 0.22 0.00	38.23 0.30 0.00	44.95 0.27 0.00	51.49 0.61 0.00	59.64 0.53 0.00	51.19 0.51 0.00	42.57 0.50 0.00	39.57 0.43 0.00	35.70 0.49 0.00	31.50 0.25 0.00	28.72 0.31 0.00
HAMPSHIRE___PAPER_HYD 323593	25.71 -0.60 0.00	22.75 -0.61 0.00	21.31 -0.59 0.00	20.47 -0.59 -0.01	20.33 -0.50 0.00	20.91 -0.56 0.00	22.48 -0.58 0.00	23.59 -0.65 0.00	26.36 -0.76 0.00	28.27 -0.78 0.00	29.12 -0.81 0.00	31.61 -0.78 0.00	32.84 -0.88 0.00	35.06 -1.05 0.00	36.87 -1.06 0.00	43.43 -1.25 0.00	49.41 -1.48 0.00	57.75 -1.36 0.00	49.82 -0.86 0.00	41.44 -0.63 0.00	38.59 -0.55 0.00	34.65 -0.56 0.00	30.66 -0.59 0.00	27.73 -0.68 0.00
HARDSCRABBLE_WT_PWR 323673	26.42 0.11 0.00	23.45 0.09 0.00	21.99 0.09 0.00	21.14 0.08 0.00	20.87 0.04 0.00	21.56 0.09 0.00	23.11 0.05 0.00	24.27 0.02 0.00	27.17 0.05 0.00	29.11 0.06 0.00	30.02 0.09 0.00	32.65 0.26 0.00	33.98 0.27 0.00	36.18 0.07 0.00	38.04 0.11 0.00	44.72 0.04 0.00	51.04 0.15 0.00	59.23 0.12 0.00	50.73 0.05 0.00	42.15 0.08 0.00	39.21 0.08 0.00	35.42 0.21 0.00	31.44 0.19 0.00	28.58 0.17 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.15 1.84 0.00	24.92 1.56 0.00	23.33 1.42 0.00	22.66 1.37 -0.24	22.00 1.17 0.00	22.76 1.29 0.00	24.47 1.41 0.00	25.96 1.72 0.00	29.04 1.93 0.00	31.24 2.00 -0.19	32.34 2.12 -0.29	35.01 2.62 0.00	36.24 2.53 0.00	39.00 2.89 0.00	40.81 2.88 0.00	48.25 3.57 0.00	55.00 4.12 0.00	63.60 4.49 0.00	54.18 3.50 0.00	44.67 2.61 0.00	41.56 2.43 0.00	37.25 2.04 0.00	33.34 2.09 0.00	30.17 1.76 0.00
HARSNRAD_115KV_TB1 81005	26.23 -0.08 0.00	23.22 -0.14 0.00	21.60 -0.31 0.00	20.60 -0.48 -0.04	20.43 -0.40 0.00	21.19 -0.28 0.00	22.71 -0.35 0.00	23.66 -0.58 0.00	26.33 -0.79 0.00	28.76 -0.29 0.00	29.90 -0.03 0.00	31.13 -1.26 0.00	33.65 -0.07 0.00	35.57 -0.54 0.00	37.44 -0.49 0.00	43.38 -1.30 0.00	50.43 -0.46 0.00	57.93 -1.18 0.00	50.12 -0.56 0.00	42.07 0.00 0.00	39.10 -0.04 0.00	35.63 0.42 0.00	30.72 -0.53 0.00	28.98 0.57 0.00
HARZA MOOSE___RIVER 24016	26.65 0.34 0.00	23.59 0.23 0.00	22.10 0.20 0.00	21.23 0.17 -0.01	20.97 0.15 0.00	21.71 0.24 0.00	23.34 0.28 0.00	24.48 0.24 0.00	27.34 0.22 0.00	29.31 0.26 0.00	30.23 0.30 0.00	32.81 0.42 0.00	34.19 0.47 0.00	36.58 0.47 0.00	38.35 0.42 0.00	45.08 0.40 0.00	51.54 0.66 0.00	59.94 0.83 0.00	51.59 0.91 0.00	42.91 0.84 0.00	39.92 0.78 0.00	35.91 0.70 0.00	31.75 0.50 0.00	28.78 0.37 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	26.15 -0.16 0.00	23.22 -0.14 0.00	21.77 -0.13 0.00	20.93 -0.15 -0.02	20.64 -0.19 0.00	21.34 -0.13 0.00	22.94 -0.12 0.00	24.12 -0.12 0.00	26.98 -0.14 0.00	28.96 -0.09 0.00	29.84 -0.09 0.00	32.16 -0.23 0.00	33.68 -0.03 0.00	36.04 -0.07 0.00	37.85 -0.08 0.00	44.50 -0.18 0.00	50.93 0.05 0.00	58.99 -0.12 0.00	50.58 -0.10 0.00	42.07 0.00 0.00	39.14 0.00 0.00	35.28 0.07 0.00	31.19 -0.06 0.00	28.41 0.00 0.00
HELLGATE_13_KV_LD 55870	28.79 2.47 -0.01	25.42 2.06 0.00	23.77 1.86 0.00	23.08 1.77 -0.26	22.37 1.54 0.00	23.08 1.61 0.00	24.77 1.71 0.00	26.59 2.35 0.00	30.94 2.68 -1.14	32.93 2.79 -1.09	33.49 2.90 -0.66	35.85 3.40 -0.06	36.88 3.17 0.00	39.72 3.61 0.00	41.61 3.68 0.00	49.28 4.60 0.00	55.97 5.09 0.00	64.43 5.32 0.00	54.73 4.05 0.00	45.05 2.99 0.00	42.03 2.90 0.00	37.67 2.46 0.00	34.04 2.78 -0.01	30.89 2.47 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.79 2.47 -0.01	25.42 2.06 0.00	23.77 1.86 0.00	23.08 1.77 -0.26	22.37 1.54 0.00	23.08 1.61 0.00	24.77 1.71 0.00	26.59 2.35 0.00	30.94 2.68 -1.14	32.93 2.79 -1.09	33.49 2.90 -0.66	35.85 3.40 -0.06	36.88 3.17 0.00	39.72 3.61 0.00	41.61 3.68 0.00	49.28 4.60 0.00	55.97 5.09 0.00	64.43 5.32 0.00	54.73 4.05 0.00	45.05 2.99 0.00	42.03 2.90 0.00	37.67 2.46 0.00	34.04 2.78 -0.01	30.89 2.47 -0.01
HEMPSTEAD____ 23647	35.37 2.61 -6.45	31.93 2.24 -6.34	26.13 1.97 -2.26	23.23 1.90 -0.28	22.43 1.60 0.00	23.29 1.82 0.00	25.11 2.05 0.00	29.11 2.47 -2.40	34.15 2.85 -4.18	35.38 2.99 -3.34	33.52 3.23 -0.36	35.99 3.34 -0.26	37.84 3.14 -0.99	45.00 3.61 -5.28	49.00 3.76 -7.31	54.68 4.51 -5.49	59.31 5.04 -3.38	64.62 5.50 -0.02	55.00 4.31 -0.02	46.61 3.07 -1.47	42.49 2.97 -0.38	37.78 2.57 0.00	34.45 2.94 -0.26	33.04 2.64 -1.99
HEWLETT__69_KV_BK3 55828	35.68 2.92 -6.45	32.19 2.50 -6.33	26.44 2.28 -2.26	23.52 2.19 -0.28	22.79 1.96 0.00	23.59 2.13 0.00	25.23 2.17 0.00	29.40 2.76 -2.40	34.39 3.09 -4.18	35.64 3.25 -3.34	33.61 3.32 -0.36	36.44 3.79 -0.26	38.41 3.71 -0.99	45.54 4.15 -5.28	49.53 4.29 -7.31	55.44 5.27 -5.49	60.17 5.90 -3.38	65.74 6.62 -0.02	56.02 5.32 -0.02	47.66 4.12 -1.47	43.31 3.80 -0.38	38.38 3.17 0.00	34.82 3.31 -0.26	33.32 2.93 -1.99
HICKLING___1 23621	27.02 0.71 0.00	23.92 0.56 0.00	22.36 0.46 0.00	21.28 0.17 -0.06	21.12 0.29 0.00	21.94 0.47 0.00	23.64 0.58 0.00	24.97 0.73 0.00	27.88 0.76 0.00	30.76 1.71 0.00	31.81 1.89 0.00	34.01 1.62 0.00	36.04 2.33 0.00	38.35 2.24 0.00	40.36 2.43 0.00	47.27 2.59 0.00	54.55 3.66 0.00	62.95 3.84 0.00	54.13 3.45 0.00	45.22 3.15 0.00	41.91 2.78 0.00	37.89 2.68 0.00	33.13 1.88 0.00	30.37 1.96 0.00
HICKLING___2 23622	27.02 0.71 0.00	23.92 0.56 0.00	22.36 0.46 0.00	21.28 0.17 -0.06	21.12 0.29 0.00	21.94 0.47 0.00	23.64 0.58 0.00	24.97 0.73 0.00	27.88 0.76 0.00	30.76 1.71 0.00	31.81 1.89 0.00	34.01 1.62 0.00	36.04 2.33 0.00	38.35 2.24 0.00	40.36 2.43 0.00	47.27 2.59 0.00	54.55 3.66 0.00	62.95 3.84 0.00	54.13 3.45 0.00	45.22 3.15 0.00	41.91 2.78 0.00	37.89 2.68 0.00	33.13 1.88 0.00	30.37 1.96 0.00
HIGH FALLS___HY 23754	28.21 1.89 0.00	24.97 1.61 0.00	23.37 1.47 0.00	22.70 1.39 -0.26	22.00 1.17 0.00	22.76 1.29 0.00	24.44 1.38 0.00	25.87 1.62 0.00	28.94 1.82 0.00	31.09 1.95 -0.09	32.08 2.01 -0.14	34.92 2.53 0.00	36.11 2.39 0.00	38.89 2.78 0.00	40.43 2.50 0.00	47.81 3.13 0.00	54.50 3.61 0.00	63.13 4.02 0.00	53.87 3.19 0.00	44.46 2.40 0.00	41.33 2.19 0.00	37.01 1.80 0.00	33.31 2.06 0.00	30.17 1.76 0.00
HILLBURN___GT 23639	28.10 1.79 0.00	24.90 1.54 0.00	23.28 1.38 0.00	22.65 1.35 -0.25	21.91 1.08 0.00	22.78 1.31 0.00	24.49 1.43 0.00	26.01 1.77 0.00	29.13 2.01 0.00	31.31 2.06 -0.20	32.59 2.36 -0.30	35.08 2.69 0.00	36.24 2.53 0.00	38.82 2.71 0.00	40.77 2.85 0.00	48.21 3.53 0.00	54.90 4.02 0.00	63.42 4.31 0.00	54.02 3.34 0.00	44.46 2.40 0.00	41.37 2.23 0.00	37.15 1.94 0.00	33.28 2.03 0.00	30.17 1.76 0.00
HILLSIDE_115KV_TB1 80332	26.44 0.13 0.00	23.43 0.07 0.00	21.93 0.02 0.00	20.88 -0.23 -0.06	20.70 -0.12 0.00	21.51 0.04 0.00	23.18 0.12 0.00	24.46 0.22 0.00	27.31 0.19 0.00	29.54 0.49 0.00	30.56 0.63 0.00	32.71 0.32 0.00	34.66 0.94 0.00	36.87 0.76 0.00	38.69 0.76 0.00	45.35 0.67 0.00	52.26 1.37 0.00	60.23 1.12 0.00	51.74 1.06 0.00	43.16 1.09 0.00	40.04 0.90 0.00	36.27 1.06 0.00	31.75 0.50 0.00	29.17 0.77 0.00
HISHELDN_WT_PWR 323625	26.47 0.16 0.00	23.43 0.07 0.00	21.88 -0.02 0.00	20.82 -0.27 -0.04	20.60 -0.23 0.00	21.43 -0.04 0.00	22.99 -0.07 0.00	24.12 -0.12 0.00	26.87 -0.24 0.00	29.22 0.18 0.00	29.63 -0.30 0.00	32.00 -0.39 0.00	34.45 0.74 0.00	36.58 0.47 0.00	38.16 0.23 0.00	44.41 -0.27 0.00	51.54 0.66 0.00	59.29 0.18 0.00	51.24 0.56 0.00	42.99 0.92 0.00	39.92 0.78 0.00	36.19 0.98 0.00	31.34 0.09 0.00	29.34 0.94 0.00
HOLTSVILLE_IC_1 23690	35.74 2.97 -6.45	32.24 2.55 -6.33	26.42 2.26 -2.26	23.44 2.10 -0.28	22.74 1.92 0.00	23.62 2.15 0.00	25.46 2.40 0.00	29.33 2.69 -2.40	34.34 3.04 -4.18	35.55 3.17 -3.34	33.79 3.47 -0.39	39.99 3.34 -4.26	43.60 3.17 -6.72	49.99 3.68 -10.20	56.19 3.79 -14.47	95.12 4.51 -45.93	107.19 4.99 -51.31	123.80 5.43 -59.26	118.42 4.36 -63.38	91.79 3.07 -46.66	88.68 2.97 -46.57	49.05 2.67 -11.17	41.21 3.12 -6.83	34.72 2.98 -3.33
HOLTSVILLE_IC_10 23699	35.95 3.18 -6.45	32.42 2.73 -6.33	26.59 2.43 -2.26	23.58 2.25 -0.28	22.89 2.06 0.00	23.79 2.32 0.00	25.64 2.58 0.00	29.52 2.88 -2.40	34.58 3.28 -4.18	35.81 3.43 -3.34	34.12 3.80 -0.39	40.59 3.69 -4.51	44.31 3.51 -7.09	50.74 4.11 -10.51	57.07 4.21 -14.93	98.27 5.05 -48.55	129.77 5.60 -73.29	142.82 6.15 -77.56	123.13 4.97 -67.48	95.22 3.57 -49.58	92.14 3.44 -49.56	50.15 3.06 -11.88	42.01 3.50 -7.26	35.09 3.27 -3.42
HOLTSVILLE_IC_2 23691	35.74 2.97 -6.45	32.24 2.55 -6.33	26.42 2.26 -2.26	23.44 2.10 -0.28	22.74 1.92 0.00	23.62 2.15 0.00	25.46 2.40 0.00	29.33 2.69 -2.40	34.34 3.04 -4.18	35.55 3.17 -3.34	33.79 3.47 -0.39	39.99 3.34 -4.26	43.60 3.17 -6.72	49.99 3.68 -10.20	56.19 3.79 -14.47	95.12 4.51 -45.93	107.19 4.99 -51.31	123.80 5.43 -59.26	118.42 4.36 -63.38	91.79 3.07 -46.66	88.68 2.97 -46.57	49.05 2.67 -11.17	41.21 3.12 -6.83	34.72 2.98 -3.33
HOLTSVILLE_IC_3 23692	35.74 2.97 -6.45	32.24 2.55 -6.33	26.42 2.26 -2.26	23.44 2.10 -0.28	22.74 1.92 0.00	23.62 2.15 0.00	25.46 2.40 0.00	29.33 2.69 -2.40	34.34 3.04 -4.18	35.55 3.17 -3.34	33.79 3.47 -0.39	39.99 3.34 -4.26	43.60 3.17 -6.72	49.99 3.68 -10.20	56.19 3.79 -14.47	95.12 4.51 -45.93	107.19 4.99 -51.31	123.80 5.43 -59.26	118.42 4.36 -63.38	91.79 3.07 -46.66	88.68 2.97 -46.57	49.05 2.67 -11.17	41.21 3.12 -6.83	34.72 2.98 -3.33

HOLTSVILLE_IC_4 23693	35.74 2.97 -6.45	32.24 2.55 -6.33	26.42 2.26 -2.26	23.44 2.10 -0.28	22.74 1.92 0.00	23.62 2.15 0.00	25.46 2.40 0.00	29.33 2.69 -2.40	34.34 3.04 -4.18	35.55 3.17 -3.34	33.79 3.47 -0.39	39.99 3.34 -4.26	43.60 3.17 -6.72	49.99 3.68 -10.20	56.19 3.79 -14.47	95.12 4.51 -45.93	107.19 4.99 -51.31	123.80 5.43 -59.26	118.42 4.36 -63.38	91.79 3.07 -46.66	88.68 2.97 -46.57	49.05 2.67 -11.17	41.21 3.12 -6.83	34.72 2.98 -3.33
HOLTSVILLE_IC_5 23694	35.74 2.97 -6.45	32.24 2.55 -6.33	26.42 2.26 -2.26	23.44 2.10 -0.28	22.74 1.92 0.00	23.62 2.15 0.00	25.46 2.40 0.00	29.33 2.69 -2.40	34.34 3.04 -4.18	35.55 3.17 -3.34	33.79 3.47 -0.39	39.99 3.34 -4.26	43.60 3.17 -6.72	49.99 3.68 -10.20	56.19 3.79 -14.47	95.12 4.51 -45.93	107.19 4.99 -51.31	123.80 5.43 -59.26	118.42 4.36 -63.38	91.79 3.07 -46.66	88.68 2.97 -46.57	49.05 2.67 -11.17	41.21 3.12 -6.83	34.72 2.98 -3.33
HOLTSVILLE_IC_6 23695	35.95 3.18 -6.45	32.42 2.73 -6.33	26.59 2.43 -2.26	23.58 2.25 -0.28	22.89 2.06 0.00	23.79 2.32 0.00	25.64 2.58 0.00	29.52 2.88 -2.40	34.58 3.28 -4.18	35.81 3.43 -3.34	34.12 3.80 -0.39	40.59 3.69 -4.51	44.31 3.51 -7.09	50.74 4.11 -10.51	57.07 4.21 -14.93	98.27 5.05 -48.55	129.77 5.60 -73.29	142.82 6.15 -77.56	123.13 4.97 -67.48	95.22 3.57 -49.58	92.14 3.44 -49.56	50.15 3.06 -11.88	42.01 3.50 -7.26	35.09 3.27 -3.42
HOLTSVILLE_IC_7 23696	35.95 3.18 -6.45	32.42 2.73 -6.33	26.59 2.43 -2.26	23.58 2.25 -0.28	22.89 2.06 0.00	23.79 2.32 0.00	25.64 2.58 0.00	29.52 2.88 -2.40	34.58 3.28 -4.18	35.81 3.43 -3.34	34.12 3.80 -0.39	40.59 3.69 -4.51	44.31 3.51 -7.09	50.74 4.11 -10.51	57.07 4.21 -14.93	98.27 5.05 -48.55	129.77 5.60 -73.29	142.82 6.15 -77.56	123.13 4.97 -67.48	95.22 3.57 -49.58	92.14 3.44 -49.56	50.15 3.06 -11.88	42.01 3.50 -7.26	35.09 3.27 -3.42
HOLTSVILLE_IC_8 23697	35.95 3.18 -6.45	32.42 2.73 -6.33	26.59 2.43 -2.26	23.58 2.25 -0.28	22.89 2.06 0.00	23.79 2.32 0.00	25.64 2.58 0.00	29.52 2.88 -2.40	34.58 3.28 -4.18	35.81 3.43 -3.34	34.12 3.80 -0.39	40.59 3.69 -4.51	44.31 3.51 -7.09	50.74 4.11 -10.51	57.07 4.21 -14.93	98.27 5.05 -48.55	129.77 5.60 -73.29	142.82 6.15 -77.56	123.13 4.97 -67.48	95.22 3.57 -49.58	92.14 3.44 -49.56	50.15 3.06 -11.88	42.01 3.50 -7.26	35.09 3.27 -3.42
HOLTSVILLE_IC_9 23698	35.95 3.18 -6.45	32.42 2.73 -6.33	26.59 2.43 -2.26	23.58 2.25 -0.28	22.89 2.06 0.00	23.79 2.32 0.00	25.64 2.58 0.00	29.52 2.88 -2.40	34.58 3.28 -4.18	35.81 3.43 -3.34	34.12 3.80 -0.39	40.59 3.69 -4.51	44.31 3.51 -7.09	50.74 4.11 -10.51	57.07 4.21 -14.93	98.27 5.05 -48.55	129.77 5.60 -73.29	142.82 6.15 -77.56	123.13 4.97 -67.48	95.22 3.57 -49.58	92.14 3.44 -49.56	50.15 3.06 -11.88	42.01 3.50 -7.26	35.09 3.27 -3.42
HOMER_HL_115KV_TB2 355744	26.36 0.05 0.00	23.31 -0.05 0.00	21.77 -0.13 0.00	20.19 -0.91 -0.05	20.50 -0.33 0.00	21.34 -0.13 0.00	23.06 0.00 0.00	24.29 0.05 0.00	27.06 -0.05 0.00	29.40 0.35 0.00	30.50 0.57 0.00	32.20 -0.19 0.00	34.62 0.91 0.00	36.25 0.14 0.00	38.16 0.23 0.00	44.45 -0.22 0.00	51.44 0.56 0.00	59.05 -0.06 0.00	50.83 0.15 0.00	42.61 0.55 0.00	39.45 0.31 0.00	36.34 1.13 0.00	31.50 0.25 0.00	29.32 0.91 0.00
HOWARD_WT_PWR 323690	27.10 0.79 0.00	23.99 0.63 0.00	22.43 0.52 0.00	21.36 0.25 -0.05	21.12 0.29 0.00	22.01 0.54 0.00	23.68 0.62 0.00	24.94 0.70 0.00	27.80 0.68 0.00	30.07 1.02 0.00	30.62 0.69 0.00	33.20 0.81 0.00	35.40 1.68 0.00	37.56 1.45 0.00	39.22 1.29 0.00	45.84 1.16 0.00	53.07 2.19 0.00	61.23 2.12 0.00	52.91 2.23 0.00	44.34 2.27 0.00	41.13 1.99 0.00	37.18 1.97 0.00	32.41 1.16 0.00	29.97 1.56 0.00
HQ_GEN_CEDARS 23644	25.65 -0.66 0.00	22.75 -0.61 0.00	21.29 -0.61 0.00	20.48 -0.57 0.00	20.37 -0.46 0.00	20.87 -0.60 0.00	22.41 -0.65 0.00	23.56 -0.68 0.00	26.36 -0.76 0.00	28.32 -0.73 0.00	29.18 -0.75 0.00	31.68 -0.71 0.00	32.84 -0.88 0.00	35.10 -1.01 0.00	36.87 -1.06 0.00	43.52 -1.16 0.00	49.31 -1.58 0.00	57.63 -1.48 0.00	49.67 -1.01 0.00	41.22 -0.84 0.00	38.39 -0.74 0.00	34.40 -0.81 0.00	30.53 -0.72 0.00	27.67 -0.74 0.00
HQ_GEN_CEDARS_PROXY 323590	25.65 -0.66 0.00	22.75 -0.61 0.00	21.29 -0.61 0.00	20.48 -0.57 0.00	20.43 -0.40 0.00	20.87 -0.60 0.00	22.41 -0.65 0.00	23.56 -0.68 0.00	26.36 -0.76 0.00	28.32 -0.73 0.00	29.21 -0.72 0.00	31.45 -0.71 0.23	33.07 -0.88 -0.23	35.10 -1.01 0.00	36.87 -1.06 0.00	43.52 -1.16 0.00	49.31 -1.58 0.00	57.63 -1.48 0.00	49.61 -1.07 0.00	41.22 -0.84 0.00	38.39 -0.74 0.00	35.52 -0.81 -1.11	29.42 -0.72 1.11	27.64 -0.77 0.00
HQ_GEN_IMPORT 323601	25.86 -0.45 0.00	22.96 -0.40 0.00	21.51 -0.39 0.00	20.67 -0.38 0.00	20.60 -0.23 0.00	21.08 -0.39 0.00	22.65 -0.41 0.00	23.81 -0.44 0.00	26.63 -0.49 0.00	28.55 -0.49 0.00	29.45 -0.48 0.00	31.64 -0.52 0.23	33.34 -0.61 -0.23	35.46 -0.65 0.00	37.25 -0.68 0.00	43.92 -0.76 0.00	49.81 -1.07 0.00	58.10 -1.01 0.00	49.92 -0.76 0.00	41.44 -0.63 0.00	38.55 -0.59 0.00	35.76 -0.56 -1.11	29.63 -0.50 1.11	27.90 -0.51 0.00
HQ_GEN_WHEEL 23651	25.86 -0.45 0.00	22.96 -0.40 0.00	21.51 -0.39 0.00	20.67 -0.38 0.00	20.60 -0.23 0.00	21.08 -0.39 0.00	22.65 -0.41 0.00	23.81 -0.44 0.00	26.63 -0.49 0.00	28.55 -0.49 0.00	29.45 -0.48 0.00	31.64 -0.52 0.23	33.34 -0.61 -0.23	35.46 -0.65 0.00	37.25 -0.68 0.00	43.92 -0.76 0.00	49.81 -1.07 0.00	58.10 -1.01 0.00	49.92 -0.76 0.00	41.44 -0.63 0.00	38.55 -0.59 0.00	35.76 -0.56 -1.11	29.63 -0.50 1.11	27.90 -0.51 0.00
HUDSON_AVE_GT_3 23810	28.73 2.42 0.00	25.34 1.99 0.00	23.70 1.80 0.00	23.06 1.75 -0.26	22.35 1.52 0.00	23.14 1.67 0.00	24.86 1.80 0.00	26.57 2.33 0.00	29.78 2.66 0.00	32.03 2.76 -0.23	33.15 2.87 -0.34	35.76 3.37 0.00	36.85 3.14 0.00	39.65 3.54 0.00	41.53 3.60 0.00	49.24 4.56 0.00	55.97 5.09 0.00	64.67 5.56 0.00	54.99 4.31 0.00	45.22 3.15 0.00	42.07 2.94 0.00	37.71 2.50 0.00	33.97 2.72 0.00	30.79 2.39 0.00
HUDSON_AVE_GT_4 23540	28.73 2.42 0.00	25.34 1.99 0.00	23.70 1.80 0.00	23.06 1.75 -0.26	22.35 1.52 0.00	23.14 1.67 0.00	24.86 1.80 0.00	26.57 2.33 0.00	29.78 2.66 0.00	32.03 2.76 -0.23	33.15 2.87 -0.34	35.76 3.37 0.00	36.85 3.14 0.00	39.65 3.54 0.00	41.53 3.60 0.00	49.24 4.56 0.00	55.97 5.09 0.00	64.67 5.56 0.00	54.99 4.31 0.00	45.22 3.15 0.00	42.07 2.94 0.00	37.71 2.50 0.00	33.97 2.72 0.00	30.79 2.39 0.00
HUDSON_AVE_GT_5 23657	28.73 2.42 0.00	25.34 1.99 0.00	23.70 1.80 0.00	23.06 1.75 -0.26	22.35 1.52 0.00	23.14 1.67 0.00	24.86 1.80 0.00	26.57 2.33 0.00	29.78 2.66 0.00	32.03 2.76 -0.23	33.15 2.87 -0.34	35.76 3.37 0.00	36.85 3.14 0.00	39.65 3.54 0.00	41.53 3.60 0.00	49.24 4.56 0.00	55.97 5.09 0.00	64.67 5.56 0.00	54.99 4.31 0.00	45.22 3.15 0.00	42.07 2.94 0.00	37.71 2.50 0.00	33.97 2.72 0.00	30.79 2.39 0.00

HUDSON_AVE_10 24168	28.68 2.37 0.00	25.27 1.92 0.00	23.63 1.73 0.00	23.02 1.71 -0.26	22.29 1.46 0.00	23.08 1.61 0.00	24.79 1.73 0.00	26.52 2.28 0.00	29.72 2.60 0.00	31.98 2.70 -0.23	33.06 2.78 -0.34	35.63 3.24 0.00	36.75 3.03 0.00	39.54 3.43 0.00	41.42 3.49 0.00	49.10 4.42 0.00	55.87 4.99 0.00	64.49 5.38 0.00	54.89 4.21 0.00	45.09 3.03 0.00	41.95 2.82 0.00	37.60 2.39 0.00	33.91 2.66 0.00	30.74 2.33 0.00
HUDSON___115KV_TB 4 355613	27.84 1.53 0.00	24.73 1.38 0.00	23.17 1.27 0.00	22.56 1.18 -0.33	21.93 1.10 0.00	22.67 1.20 0.00	24.37 1.31 0.00	25.53 1.28 0.00	28.61 1.49 0.00	30.47 1.60 0.17	31.25 1.59 0.27	34.11 1.72 0.00	35.40 1.69 0.00	38.13 2.02 0.00	40.01 2.09 0.00	47.18 2.50 0.00	53.83 2.95 0.00	62.60 3.49 0.00	53.72 3.04 0.00	44.63 2.57 0.00	41.52 2.39 0.00	37.25 2.04 0.00	33.03 1.78 0.00	29.83 1.42 0.00
HUNTER MOUNT___DRP 323613	27.94 1.63 0.00	24.83 1.47 0.00	23.26 1.36 0.00	22.59 1.22 -0.31	22.00 1.17 0.00	22.74 1.27 0.00	24.44 1.38 0.00	25.55 1.31 0.00	28.66 1.55 0.00	30.67 1.74 0.12	31.43 1.68 0.18	34.11 1.72 0.00	35.40 1.69 0.00	38.13 2.02 0.00	40.05 2.12 0.00	47.22 2.55 0.00	53.94 3.05 0.00	62.77 3.66 0.00	53.92 3.24 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.46 2.25 0.00	33.16 1.91 0.00	29.91 1.51 0.00
HUNTINGTON_RES_REC 323705	35.63 2.87 -6.45	32.19 2.50 -6.33	26.35 2.19 -2.26	23.39 2.06 -0.28	22.66 1.83 0.00	23.55 2.08 0.00	25.39 2.33 0.00	29.35 2.71 -2.40	34.42 3.12 -4.18	35.67 3.28 -3.34	33.70 3.41 -0.36	36.03 3.34 -0.30	52.33 3.20 -15.41	57.52 3.76 -17.66	67.19 3.94 -25.32	156.65 4.73 -107.24	429.77 5.24 -373.65	421.50 5.73 -356.66	214.68 4.56 -159.43	160.41 3.20 -115.15	158.78 3.05 -116.59	56.75 2.67 -18.86	51.31 3.25 -16.81	35.77 3.04 -4.32
HUNTLEY___63 23557	26.34 0.03 0.00	23.31 -0.05 0.00	21.79 -0.11 0.00	20.75 -0.34 -0.04	20.50 -0.33 0.00	21.25 -0.21 0.00	22.90 -0.16 0.00	23.83 -0.41 0.00	26.55 -0.57 0.00	28.96 -0.09 0.00	30.14 0.21 0.00	31.39 -1.00 0.00	33.95 0.24 0.00	35.89 -0.22 0.00	37.78 -0.15 0.00	43.65 -1.03 0.00	50.73 -0.15 0.00	58.28 -0.83 0.00	50.38 -0.30 0.00	42.28 0.21 0.00	39.25 0.12 0.00	35.95 0.74 0.00	30.94 -0.31 0.00	29.17 0.77 0.00
HUNTLEY___64 23558	26.34 0.03 0.00	23.31 -0.05 0.00	21.79 -0.11 0.00	20.75 -0.34 -0.04	20.50 -0.33 0.00	21.25 -0.21 0.00	22.90 -0.16 0.00	23.83 -0.41 0.00	26.55 -0.57 0.00	28.96 -0.09 0.00	30.14 0.21 0.00	31.39 -1.00 0.00	33.95 0.24 0.00	35.89 -0.22 0.00	37.78 -0.15 0.00	43.65 -1.03 0.00	50.73 -0.15 0.00	58.28 -0.83 0.00	50.38 -0.30 0.00	42.28 0.21 0.00	39.25 0.12 0.00	35.95 0.74 0.00	30.94 -0.31 0.00	29.17 0.77 0.00
HUNTLEY___65 23559	26.34 0.03 0.00	23.31 -0.05 0.00	21.79 -0.11 0.00	20.75 -0.34 -0.04	20.50 -0.33 0.00	21.25 -0.21 0.00	22.90 -0.16 0.00	23.83 -0.41 0.00	26.55 -0.57 0.00	28.96 -0.09 0.00	30.14 0.21 0.00	31.39 -1.00 0.00	33.95 0.24 0.00	35.89 -0.22 0.00	37.78 -0.15 0.00	43.65 -1.03 0.00	50.73 -0.15 0.00	58.28 -0.83 0.00	50.38 -0.30 0.00	42.28 0.21 0.00	39.25 0.12 0.00	35.95 0.74 0.00	30.94 -0.31 0.00	29.17 0.77 0.00
HUNTLEY___66 23560	26.34 0.03 0.00	23.31 -0.05 0.00	21.79 -0.11 0.00	20.75 -0.34 -0.04	20.50 -0.33 0.00	21.25 -0.21 0.00	22.90 -0.16 0.00	23.83 -0.41 0.00	26.55 -0.57 0.00	28.96 -0.09 0.00	30.14 0.21 0.00	31.39 -1.00 0.00	33.95 0.24 0.00	35.89 -0.22 0.00	37.78 -0.15 0.00	43.65 -1.03 0.00	50.73 -0.15 0.00	58.28 -0.83 0.00	50.38 -0.30 0.00	42.28 0.21 0.00	39.25 0.12 0.00	35.95 0.74 0.00	30.94 -0.31 0.00	29.17 0.77 0.00
HUNTLEY___67 23561	26.21 -0.11 0.00	23.19 -0.16 0.00	21.64 -0.26 0.00	20.61 -0.48 -0.04	20.39 -0.44 0.00	21.17 -0.30 0.00	22.78 -0.28 0.00	23.73 -0.51 0.00	26.44 -0.68 0.00	28.85 -0.20 0.00	29.99 0.06 0.00	31.26 -1.13 0.00	33.78 0.07 0.00	35.71 -0.40 0.00	37.59 -0.34 0.00	43.61 -1.07 0.00	50.63 -0.25 0.00	58.16 -0.95 0.00	50.27 -0.41 0.00	42.15 0.08 0.00	39.17 0.04 0.00	35.70 0.49 0.00	30.81 -0.44 0.00	29.03 0.62 0.00
HUNTLEY___68 23562	26.21 -0.11 0.00	23.19 -0.16 0.00	21.64 -0.26 0.00	20.61 -0.48 -0.04	20.39 -0.44 0.00	21.17 -0.30 0.00	22.78 -0.28 0.00	23.73 -0.51 0.00	26.44 -0.68 0.00	28.85 -0.20 0.00	29.99 0.06 0.00	31.26 -1.13 0.00	33.78 0.07 0.00	35.71 -0.40 0.00	37.59 -0.34 0.00	43.61 -1.07 0.00	50.63 -0.25 0.00	58.16 -0.95 0.00	50.27 -0.41 0.00	42.15 0.08 0.00	39.17 0.04 0.00	35.70 0.49 0.00	30.81 -0.44 0.00	29.03 0.62 0.00
HYLAND___LFGE 323620	27.84 1.53 0.00	24.62 1.26 0.00	23.00 1.09 0.00	21.91 0.82 -0.04	21.66 0.83 0.00	22.54 1.07 0.00	24.05 0.99 0.00	24.87 0.63 0.00	27.33 0.22 0.00	29.31 0.26 0.00	29.66 -0.27 0.00	32.39 0.00 0.00	33.34 -0.37 0.00	35.53 -0.58 0.00	37.17 -0.76 0.00	43.61 -1.07 0.00	50.73 -0.15 0.00	59.47 0.36 0.00	52.10 1.42 0.00	44.21 2.14 0.00	41.29 2.15 0.00	37.39 2.18 0.00	33.38 2.13 0.00	30.74 2.33 0.00
INDECK___CORINTH 23802	27.50 1.19 0.00	24.43 1.08 0.00	22.84 0.94 0.00	22.31 0.90 -0.35	21.62 0.79 0.00	22.44 0.97 0.00	24.17 1.11 0.00	25.43 1.19 0.00	28.50 1.38 0.00	30.12 1.34 0.26	30.76 1.23 0.40	33.62 1.23 0.00	34.72 1.01 0.00	37.26 1.16 0.00	39.14 1.21 0.00	46.33 1.65 0.00	53.43 2.54 0.00	62.06 2.95 0.00	53.06 2.38 0.00	44.17 2.10 0.00	41.29 2.15 0.00	37.00 1.79 0.00	32.75 1.50 0.00	29.55 1.14 0.00
INDECK___ILION 23567	26.44 0.13 0.00	23.47 0.12 0.00	22.01 0.11 0.00	21.16 0.11 0.00	20.91 0.08 0.00	21.58 0.11 0.00	23.18 0.12 0.00	24.34 0.10 0.00	27.23 0.11 0.00	29.17 0.12 0.00	30.05 0.12 0.00	32.62 0.23 0.00	33.95 0.24 0.00	36.36 0.25 0.00	38.12 0.19 0.00	44.86 0.18 0.00	51.14 0.25 0.00	59.35 0.24 0.00	50.88 0.20 0.00	42.23 0.17 0.00	39.29 0.16 0.00	35.42 0.21 0.00	31.44 0.19 0.00	28.58 0.17 0.00
INDECK___OLEAN 23982	26.36 0.05 0.00	23.31 -0.05 0.00	21.77 -0.13 0.00	20.38 -0.72 -0.05	20.45 -0.37 0.00	21.34 -0.13 0.00	22.99 -0.07 0.00	24.29 0.05 0.00	27.06 -0.05 0.00	29.40 0.35 0.00	29.99 0.06 0.00	32.32 -0.06 0.00	34.82 1.11 0.00	36.97 0.87 0.00	38.20 0.27 0.00	44.54 -0.13 0.00	51.60 0.71 0.00	59.23 0.12 0.00	51.08 0.40 0.00	42.86 0.80 0.00	39.72 0.59 0.00	36.37 1.16 0.00	31.53 0.28 0.00	29.34 0.94 0.00
INDECK___OSWEGO 23783	25.86 -0.45 0.00	22.96 -0.40 0.00	21.55 -0.35 0.00	20.71 -0.36 -0.02	20.43 -0.40 0.00	21.12 -0.34 0.00	22.67 -0.39 0.00	23.78 -0.46 0.00	26.60 -0.52 0.00	28.44 -0.61 0.00	29.18 -0.75 0.00	31.58 -0.81 0.00	32.77 -0.94 0.00	34.99 -1.12 0.00	36.75 -1.18 0.00	43.25 -1.43 0.00	49.46 -1.42 0.00	57.34 -1.77 0.00	49.21 -1.47 0.00	40.93 -1.13 0.00	38.08 -1.05 0.00	34.44 -0.77 0.00	30.75 -0.50 0.00	28.01 -0.40 0.00



INDECK___YERKES 23781	26.36 0.05 0.00	23.33 -0.02 0.00	21.84 -0.07 0.00	20.80 -0.29 -0.04	20.47 -0.35 0.00	21.28 -0.19 0.00	22.83 -0.23 0.00	23.85 -0.39 0.00	26.58 -0.54 0.00	28.99 -0.06 0.00	29.27 -0.66 0.00	31.61 -0.78 0.00	34.25 0.54 0.00	36.33 0.22 0.00	37.89 -0.04 0.00	43.74 -0.94 0.00	50.88 0.00 0.00	58.46 -0.65 0.00	50.63 -0.05 0.00	42.53 0.46 0.00	39.49 0.35 0.00	36.02 0.81 0.00	31.03 -0.22 0.00	29.26 0.85 0.00
INDIAN POINT_GT_1 24139	28.26 1.95 0.00	25.04 1.68 0.00	23.41 1.51 0.00	22.78 1.47 -0.26	22.10 1.27 0.00	22.89 1.42 0.00	24.58 1.52 0.00	26.16 1.92 0.00	29.29 2.17 0.00	31.51 2.24 -0.22	32.57 2.30 -0.34	35.14 2.75 0.00	36.31 2.60 0.00	39.03 2.92 0.00	40.93 3.00 0.00	48.43 3.75 0.00	55.16 4.27 0.00	63.78 4.67 0.00	54.33 3.65 0.00	44.76 2.69 0.00	41.60 2.47 0.00	37.32 2.11 0.00	33.44 2.19 0.00	30.34 1.93 0.00
INDIAN POINT_GT_2 23659	28.26 1.95 0.00	25.04 1.68 0.00	23.41 1.51 0.00	22.78 1.47 -0.26	22.10 1.27 0.00	22.89 1.42 0.00	24.58 1.52 0.00	26.16 1.92 0.00	29.29 2.17 0.00	31.51 2.24 -0.22	32.57 2.30 -0.34	35.14 2.75 0.00	36.31 2.60 0.00	39.03 2.92 0.00	40.93 3.00 0.00	48.43 3.75 0.00	55.16 4.27 0.00	63.78 4.67 0.00	54.33 3.65 0.00	44.76 2.69 0.00	41.60 2.47 0.00	37.32 2.11 0.00	33.44 2.19 0.00	30.34 1.93 0.00
INDIAN POINT_GT_3 24019	28.26 1.95 0.00	25.04 1.68 0.00	23.41 1.51 0.00	22.78 1.47 -0.26	22.10 1.27 0.00	22.89 1.42 0.00	24.58 1.52 0.00	26.16 1.92 0.00	29.29 2.17 0.00	31.51 2.24 -0.22	32.57 2.30 -0.34	35.14 2.75 0.00	36.31 2.60 0.00	39.03 2.92 0.00	40.93 3.00 0.00	48.43 3.75 0.00	55.16 4.27 0.00	63.78 4.67 0.00	54.33 3.65 0.00	44.76 2.69 0.00	41.60 2.47 0.00	37.32 2.11 0.00	33.44 2.19 0.00	30.34 1.93 0.00
INDIAN POINT___2 23530	28.21 1.90 0.00	24.99 1.63 0.00	23.37 1.47 0.00	22.76 1.45 -0.25	22.02 1.19 0.00	22.86 1.39 0.00	24.58 1.52 0.00	26.11 1.87 0.00	29.23 2.12 0.00	31.44 2.18 -0.21	32.71 2.45 -0.32	35.08 2.69 0.00	36.21 2.49 0.00	38.93 2.82 0.00	40.89 2.96 0.00	48.34 3.66 0.00	55.00 4.12 0.00	63.60 4.49 0.00	54.17 3.49 0.00	44.59 2.52 0.00	41.48 2.35 0.00	37.25 2.04 0.00	33.38 2.13 0.00	30.28 1.87 0.00
INDIAN POINT___3 23531	28.21 1.89 0.00	24.99 1.63 0.00	23.39 1.49 0.00	22.76 1.45 -0.26	22.08 1.25 0.00	22.86 1.40 0.00	24.56 1.50 0.00	26.11 1.87 0.00	29.21 2.09 0.00	31.42 2.15 -0.22	32.54 2.27 -0.34	35.08 2.69 0.00	36.28 2.56 0.00	39.00 2.89 0.00	40.89 2.96 0.00	48.34 3.66 0.00	55.06 4.17 0.00	63.66 4.55 0.00	54.23 3.55 0.00	44.67 2.61 0.00	41.52 2.39 0.00	37.25 2.04 0.00	33.41 2.16 0.00	30.25 1.85 0.00
INGHAM_C_115KV_TB7 356103	26.42 0.11 0.00	23.45 0.09 0.00	21.99 0.09 0.00	21.14 0.08 0.00	20.87 0.04 0.00	21.56 0.09 0.00	23.08 0.02 0.00	24.24 0.00 0.00	27.15 0.03 0.00	29.08 0.03 0.00	29.99 0.06 0.00	32.58 0.19 0.00	33.92 0.20 0.00	36.33 0.22 0.00	38.00 0.08 0.00	44.72 0.04 0.00	50.99 0.10 0.00	59.17 0.06 0.00	50.73 0.05 0.00	42.11 0.04 0.00	39.17 0.04 0.00	35.39 0.18 0.00	31.44 0.19 0.00	28.58 0.17 0.00
IP CORINTH___1 23988	27.65 1.34 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.41 1.01 -0.35	21.77 0.94 0.00	22.54 1.07 0.00	24.28 1.22 0.00	25.57 1.33 0.00	28.66 1.55 0.00	30.30 1.51 0.26	30.76 1.23 0.40	33.85 1.46 0.00	34.96 1.25 0.00	37.52 1.41 0.00	39.37 1.44 0.00	46.60 1.92 0.00	53.73 2.85 0.00	62.42 3.31 0.00	53.42 2.74 0.00	44.42 2.36 0.00	41.52 2.39 0.00	37.22 2.01 0.00	32.91 1.66 0.00	29.71 1.31 0.00
IP___TICONDEROGA 23804	29.02 2.71 0.00	25.74 2.38 0.00	24.07 2.17 0.00	23.44 2.04 -0.35	22.79 1.96 0.00	23.66 2.19 0.00	25.53 2.47 0.00	26.91 2.67 0.00	30.16 3.04 0.00	31.92 3.14 0.27	32.36 2.84 0.41	35.76 3.37 0.00	37.02 3.30 0.00	39.83 3.72 0.00	41.49 3.57 0.00	49.19 4.51 0.00	56.94 6.06 0.00	66.32 7.21 0.00	56.71 6.03 0.00	47.37 5.30 0.00	44.22 5.09 0.00	39.51 4.30 0.00	34.75 3.50 0.00	31.28 2.87 0.00
ISLIP_RES_REC 323679	36.16 3.40 -6.45	32.59 2.90 -6.33	26.72 2.56 -2.26	23.73 2.40 -0.28	23.04 2.21 0.00	23.92 2.45 0.00	25.80 2.74 0.00	29.69 3.05 -2.40	34.83 3.52 -4.18	36.11 3.72 -3.34	34.43 4.10 -0.40	41.49 4.02 -5.08	44.13 3.88 -6.54	50.67 4.51 -10.05	56.84 4.66 -14.25	94.92 5.54 -44.71	123.52 6.21 -66.43	136.10 6.79 -70.20	117.66 5.52 -61.46	91.35 4.00 -45.29	88.14 3.84 -45.17	50.36 3.45 -11.70	41.66 3.78 -6.63	35.32 3.52 -3.39
JAMAICA__27_KV_LOAD 355505	28.94 2.63 0.00	25.46 2.10 0.00	23.77 1.86 0.00	23.17 1.85 -0.26	22.41 1.58 0.00	23.23 1.76 0.00	24.95 1.89 0.00	26.76 2.52 0.00	30.02 2.90 0.00	32.32 3.05 -0.23	33.27 2.99 -0.34	35.89 3.50 0.00	36.98 3.27 0.00	39.79 3.68 0.00	41.72 3.79 0.00	49.50 4.83 0.00	56.33 5.44 0.00	65.08 5.97 0.00	55.39 4.71 0.00	45.47 3.41 0.00	42.31 3.17 0.00	37.85 2.64 0.00	34.31 3.06 0.00	31.05 2.64 0.00
JANIS___SOLAR 323808	27.65 1.34 0.00	24.45 1.10 0.00	22.91 1.01 0.00	21.98 0.86 -0.06	21.66 0.83 0.00	22.52 1.05 0.00	24.24 1.18 0.00	25.40 1.16 0.00	28.20 1.09 0.00	30.18 1.13 0.00	30.89 0.96 0.00	33.46 1.07 0.00	35.13 1.42 0.00	37.48 1.37 0.00	39.37 1.44 0.00	46.28 1.61 0.00	53.38 2.49 0.00	62.18 3.07 0.00	53.82 3.14 0.00	45.01 2.94 0.00	41.91 2.78 0.00	37.71 2.50 0.00	33.09 1.84 0.00	30.08 1.68 0.00
JARVIS____ 23743	26.42 0.11 0.00	23.45 0.09 0.00	21.99 0.09 0.00	21.14 0.08 0.00	20.89 0.06 0.00	21.56 0.09 0.00	23.15 0.09 0.00	24.34 0.10 0.00	27.20 0.08 0.00	29.14 0.09 0.00	30.02 0.09 0.00	32.52 0.13 0.00	33.85 0.14 0.00	36.25 0.15 0.00	38.08 0.15 0.00	44.81 0.13 0.00	51.09 0.20 0.00	59.29 0.18 0.00	50.83 0.15 0.00	42.19 0.13 0.00	39.25 0.12 0.00	35.35 0.14 0.00	31.34 0.09 0.00	28.52 0.11 0.00
JENNISON___1 23625	27.86 1.55 0.00	24.64 1.28 0.00	23.11 1.20 0.00	22.16 1.03 -0.08	21.85 1.02 0.00	22.69 1.22 0.00	24.44 1.38 0.00	25.60 1.36 0.00	28.53 1.41 0.00	30.62 1.57 0.00	31.58 1.65 0.00	34.14 1.75 0.00	35.74 2.02 0.00	38.20 2.09 0.00	40.05 2.12 0.00	47.09 2.41 0.00	54.09 3.21 0.00	62.77 3.66 0.00	54.08 3.40 0.00	45.01 2.94 0.00	41.87 2.74 0.00	37.75 2.54 0.00	33.16 1.91 0.00	30.14 1.73 0.00
JENNISON___2 23626	27.86 1.55 0.00	24.64 1.28 0.00	23.11 1.20 0.00	22.16 1.03 -0.08	21.85 1.02 0.00	22.69 1.22 0.00	24.44 1.38 0.00	25.60 1.36 0.00	28.53 1.41 0.00	30.62 1.57 0.00	31.58 1.65 0.00	34.14 1.75 0.00	35.74 2.02 0.00	38.20 2.09 0.00	40.05 2.12 0.00	47.09 2.41 0.00	54.09 3.21 0.00	62.77 3.66 0.00	54.08 3.40 0.00	45.01 2.94 0.00	41.87 2.74 0.00	37.75 2.54 0.00	33.16 1.91 0.00	30.14 1.73 0.00

JERICO_RISE_WT_PWR 323719	25.92 -0.39 0.00	22.91 -0.44 0.00	21.40 -0.50 0.00	20.59 -0.46 0.00	20.58 -0.25 0.00	21.04 -0.43 0.00	22.65 -0.41 0.00	23.93 -0.32 0.00	26.82 -0.30 0.00	28.88 -0.17 0.00	29.75 -0.18 0.00	32.13 -0.26 0.00	33.27 -0.44 0.00	35.60 -0.51 0.00	37.40 -0.53 0.00	44.23 -0.45 0.00	50.12 -0.76 0.00	58.82 -0.29 0.00	50.88 0.20 0.00	42.28 0.21 0.00	39.37 0.24 0.00	35.25 0.04 0.00	31.22 -0.03 0.00	28.24 -0.17 0.00
KATONAH__115KV_46KV_TB4 355592	28.47 2.16 0.00	25.23 1.87 0.00	23.59 1.69 0.00	22.96 1.64 -0.27	22.25 1.42 0.00	23.01 1.55 0.00	24.74 1.68 0.00	26.30 2.06 0.00	29.50 2.39 0.00	31.74 2.47 -0.22	32.66 2.39 -0.34	35.24 2.85 0.00	36.51 2.80 0.00	39.29 3.18 0.00	41.23 3.30 0.00	48.79 4.11 0.00	55.56 4.68 0.00	64.37 5.26 0.00	54.79 4.11 0.00	45.18 3.11 0.00	41.95 2.82 0.00	37.57 2.36 0.00	33.59 2.34 0.00	30.54 2.13 0.00
KCE_NY_1 323755	27.94 1.63 0.00	24.83 1.47 0.00	23.24 1.34 0.00	22.68 1.28 -0.35	21.97 1.14 0.00	22.80 1.33 0.00	24.51 1.45 0.00	25.77 1.53 0.00	28.88 1.76 0.00	30.54 1.77 0.28	31.33 1.83 0.42	34.33 1.94 0.00	35.60 1.89 0.00	38.20 2.09 0.00	40.13 2.20 0.00	47.40 2.73 0.00	54.24 3.36 0.00	63.01 3.90 0.00	53.87 3.19 0.00	44.80 2.73 0.00	41.72 2.58 0.00	37.47 2.26 0.00	33.19 1.94 0.00	30.05 1.65 0.00
KCE_NY_6_ESR 323823	26.55 0.24 0.00	23.47 0.12 0.00	21.90 0.00 0.00	20.80 -0.29 -0.04	20.60 -0.23 0.00	21.43 -0.04 0.00	22.99 -0.07 0.00	24.12 -0.12 0.00	26.85 -0.27 0.00	29.28 0.23 0.00	29.63 -0.30 0.00	32.00 -0.39 0.00	34.62 0.91 0.00	36.72 0.61 0.00	38.31 0.38 0.00	44.50 -0.18 0.00	51.69 0.81 0.00	59.41 0.30 0.00	51.39 0.71 0.00	43.12 1.05 0.00	40.04 0.90 0.00	36.34 1.13 0.00	31.38 0.13 0.00	29.49 1.08 0.00
KEDC_PORT_JEFF_GT2 24210	35.81 3.05 -6.45	32.31 2.62 -6.33	26.48 2.32 -2.26	23.50 2.17 -0.28	22.81 1.98 0.00	23.68 2.21 0.00	25.53 2.47 0.00	29.40 2.76 -2.40	34.37 3.06 -4.18	35.58 3.20 -3.34	33.85 3.53 -0.39	39.76 3.40 -3.97	44.71 3.17 -7.83	50.87 3.61 -11.15	57.50 3.72 -15.85	102.92 4.47 -53.78	125.00 4.84 -69.28	137.04 5.20 -72.73	130.51 4.16 -75.67	100.47 2.99 -55.42	97.56 2.90 -55.53	50.13 2.57 -12.35	42.64 3.28 -8.11	35.04 3.15 -3.48
KEDC_PORT_JEFF_GT3 24211	35.81 3.05 -6.45	32.31 2.62 -6.33	26.48 2.32 -2.26	23.50 2.17 -0.28	22.81 1.98 0.00	23.68 2.21 0.00	25.53 2.47 0.00	29.40 2.76 -2.40	34.37 3.06 -4.18	35.58 3.20 -3.34	33.85 3.53 -0.39	39.76 3.40 -3.97	44.71 3.17 -7.83	50.87 3.61 -11.15	57.50 3.72 -15.85	102.92 4.47 -53.78	125.00 4.84 -69.28	137.04 5.20 -72.73	130.51 4.16 -75.67	100.47 2.99 -55.42	97.56 2.90 -55.53	50.13 2.57 -12.35	42.64 3.28 -8.11	35.04 3.15 -3.48
KEDC_GLWD_GT4 24219	35.34 2.58 -6.45	31.89 2.19 -6.34	26.11 1.95 -2.26	23.23 1.90 -0.28	22.43 1.60 0.00	23.29 1.82 0.00	25.09 2.03 0.00	29.08 2.45 -2.40	34.12 2.82 -4.18	35.35 2.96 -3.34	33.55 3.26 -0.36	36.12 3.47 -0.26	37.80 3.10 -0.99	44.93 3.54 -5.28	48.96 3.72 -7.31	54.68 4.51 -5.49	59.31 5.04 -3.38	64.62 5.50 -0.02	55.00 4.31 -0.02	46.61 3.07 -1.47	42.41 2.90 -0.38	37.75 2.54 0.00	34.45 2.94 -0.26	33.01 2.61 -1.99
KEDC_GLWD_GT5 24220	35.34 2.58 -6.45	31.89 2.19 -6.34	26.11 1.95 -2.26	23.23 1.90 -0.28	22.43 1.60 0.00	23.29 1.82 0.00	25.09 2.03 0.00	29.08 2.45 -2.40	34.12 2.82 -4.18	35.35 2.96 -3.34	33.55 3.26 -0.36	36.12 3.47 -0.26	37.80 3.10 -0.99	44.93 3.54 -5.28	48.96 3.72 -7.31	54.68 4.51 -5.49	59.31 5.04 -3.38	64.62 5.50 -0.02	55.00 4.31 -0.02	46.61 3.07 -1.47	42.41 2.90 -0.38	37.75 2.54 0.00	34.45 2.94 -0.26	33.01 2.61 -1.99
KENSICO____ 23655	28.39 2.08 0.00	25.13 1.78 0.00	23.50 1.60 0.00	22.87 1.56 -0.26	22.18 1.35 0.00	22.97 1.50 0.00	24.67 1.61 0.00	26.25 2.01 0.00	29.40 2.28 0.00	31.63 2.35 -0.22	32.76 2.48 -0.34	35.30 2.92 0.00	36.48 2.76 0.00	39.21 3.11 0.00	41.15 3.22 0.00	48.65 3.98 0.00	55.41 4.53 0.00	64.07 4.97 0.00	54.53 3.85 0.00	44.93 2.86 0.00	41.76 2.62 0.00	37.46 2.25 0.00	33.59 2.34 0.00	30.45 2.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.26 1.95 0.00	25.02 1.66 0.00	23.41 1.51 0.00	22.72 1.43 -0.24	22.02 1.19 0.00	22.80 1.33 0.00	24.49 1.43 0.00	25.91 1.67 0.00	28.99 1.87 0.00	31.13 1.98 -0.11	32.13 2.04 -0.17	34.95 2.56 0.00	36.17 2.46 0.00	38.93 2.82 0.00	40.43 2.50 0.00	47.81 3.13 0.00	54.55 3.66 0.00	63.19 4.08 0.00	53.92 3.24 0.00	44.51 2.44 0.00	41.41 2.27 0.00	37.08 1.87 0.00	33.41 2.16 0.00	30.23 1.82 0.00
KIAC_JFK_GT1 23816	28.86 2.55 0.00	25.39 2.03 0.00	23.70 1.80 0.00	23.10 1.79 -0.26	22.37 1.54 0.00	23.19 1.72 0.00	24.88 1.82 0.00	26.69 2.45 0.00	29.94 2.82 0.00	32.24 2.96 -0.23	33.18 2.90 -0.34	35.76 3.37 0.00	36.85 3.14 0.00	39.65 3.54 0.00	41.61 3.68 0.00	49.32 4.65 0.00	56.18 5.29 0.00	64.84 5.73 0.00	55.19 4.51 0.00	45.30 3.24 0.00	42.19 3.05 0.00	37.71 2.50 0.00	34.19 2.94 0.00	30.94 2.53 0.00
KIAC_JFK_GT2 23817	28.86 2.55 0.00	25.39 2.03 0.00	23.70 1.80 0.00	23.10 1.79 -0.26	22.37 1.54 0.00	23.19 1.72 0.00	24.88 1.82 0.00	26.69 2.45 0.00	29.94 2.82 0.00	32.24 2.96 -0.23	33.18 2.90 -0.34	35.76 3.37 0.00	36.85 3.14 0.00	39.65 3.54 0.00	41.61 3.68 0.00	49.32 4.65 0.00	56.18 5.29 0.00	64.84 5.73 0.00	55.19 4.51 0.00	45.30 3.24 0.00	42.19 3.05 0.00	37.71 2.50 0.00	34.19 2.94 0.00	30.94 2.53 0.00
KIAC_JFK____ 323774	28.86 2.55 0.00	25.39 2.03 0.00	23.68 1.77 0.00	23.10 1.79 -0.26	22.29 1.46 0.00	23.21 1.74 0.00	24.91 1.85 0.00	26.64 2.40 0.00	29.96 2.85 0.00	32.27 2.99 -0.23	33.44 3.17 -0.34	35.69 3.31 0.00	36.71 3.00 0.00	39.50 3.39 0.00	41.53 3.61 0.00	49.24 4.56 0.00	56.02 5.14 0.00	64.73 5.62 0.00	55.09 4.41 0.00	45.13 3.07 0.00	42.03 2.90 0.00	37.71 2.50 0.00	34.09 2.84 0.00	30.94 2.53 0.00
KINTIGH____ 23543	26.02 -0.29 0.00	23.05 -0.30 0.00	21.55 -0.35 0.00	20.71 -0.38 -0.03	20.33 -0.50 0.00	21.06 -0.41 0.00	22.67 -0.39 0.00	23.66 -0.58 0.00	26.36 -0.76 0.00	28.70 -0.35 0.00	29.78 -0.15 0.00	31.19 -1.20 0.00	33.48 -0.24 0.00	35.46 -0.65 0.00	37.32 -0.61 0.00	43.43 -1.25 0.00	50.32 -0.56 0.00	57.93 -1.18 0.00	50.02 -0.66 0.00	41.85 -0.21 0.00	38.94 -0.20 0.00	35.39 0.18 0.00	30.66 -0.59 0.00	28.75 0.34 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.50 0.18 0.00	23.40 0.05 0.00	21.86 -0.04 0.00	20.99 -0.06 0.00	20.95 0.12 0.00	21.51 0.04 0.00	23.15 0.09 0.00	24.46 0.22 0.00	27.44 0.33 0.00	29.60 0.55 0.00	30.47 0.54 0.00	32.91 0.52 0.00	34.05 0.34 0.00	36.33 0.22 0.00	38.27 0.34 0.00	45.30 0.63 0.00	50.83 -0.05 0.00	59.70 0.59 0.00	51.69 1.01 0.00	42.99 0.93 0.00	40.00 0.86 0.00	35.77 0.56 0.00	31.63 0.38 0.00	28.66 0.26 0.00

LACHUTE____HYDRO 323717	29.02 2.71 0.00	25.74 2.38 0.00	24.05 2.15 0.00	23.44 2.04 -0.35	22.74 1.92 0.00	23.66 2.19 0.00	25.55 2.49 0.00	26.91 2.67 0.00	30.15 3.04 0.00	31.92 3.14 0.27	32.54 3.02 0.41	35.76 3.37 0.00	36.98 3.27 0.00	39.58 3.47 0.00	41.49 3.56 0.00	49.19 4.51 0.00	56.94 6.05 0.00	66.26 7.15 0.00	56.71 6.03 0.00	47.32 5.26 0.00	44.19 5.05 0.00	39.50 4.29 0.00	34.75 3.50 0.00	31.31 2.90 0.00
LAWRNCAV_115KV_TB1 80681	25.26 -1.05 0.00	22.38 -0.98 0.00	20.96 -0.94 0.00	20.15 -0.91 0.00	20.04 -0.79 0.00	20.55 -0.92 0.00	22.09 -0.97 0.00	23.22 -1.02 0.00	25.95 -1.17 0.00	27.92 -1.13 0.00	28.76 -1.17 0.00	31.26 -1.13 0.00	32.37 -1.35 0.00	34.59 -1.52 0.00	36.34 -1.59 0.00	42.89 -1.79 0.00	48.59 -2.29 0.00	56.86 -2.25 0.00	49.01 -1.67 0.00	40.72 -1.35 0.00	37.92 -1.21 0.00	33.98 -1.23 0.00	30.09 -1.16 0.00	27.24 -1.16 0.00
LEDERLE____ 23769	28.28 1.97 0.00	25.06 1.71 0.00	23.44 1.53 0.00	22.77 1.47 -0.25	22.10 1.27 0.00	22.89 1.42 0.00	24.61 1.55 0.00	26.16 1.92 0.00	29.26 2.14 0.00	31.46 2.21 -0.20	32.57 2.33 -0.31	35.21 2.82 0.00	36.41 2.70 0.00	39.14 3.03 0.00	41.00 3.07 0.00	48.52 3.84 0.00	55.26 4.38 0.00	63.84 4.73 0.00	54.38 3.70 0.00	44.80 2.73 0.00	41.64 2.50 0.00	37.36 2.15 0.00	33.47 2.22 0.00	30.31 1.90 0.00
LIGHTHSE_115KV_TB6 355974	26.15 -0.16 0.00	23.19 -0.16 0.00	21.75 -0.15 0.00	20.90 -0.17 -0.02	20.64 -0.19 0.00	21.34 -0.13 0.00	22.92 -0.14 0.00	24.07 -0.17 0.00	26.87 -0.24 0.00	28.79 -0.26 0.00	29.63 -0.30 0.00	32.03 -0.36 0.00	33.41 -0.30 0.00	35.71 -0.40 0.00	37.51 -0.42 0.00	44.01 -0.67 0.00	50.32 -0.56 0.00	58.46 -0.65 0.00	50.27 -0.41 0.00	41.85 -0.21 0.00	38.94 -0.20 0.00	35.25 0.04 0.00	31.19 -0.06 0.00	28.35 -0.06 0.00
LINDEN COGEN____ 23786	28.52 2.21 0.00	25.18 1.82 0.00	23.48 1.58 0.00	22.93 1.62 -0.26	22.14 1.31 0.00	23.02 1.55 0.00	24.72 1.66 0.00	26.38 2.13 0.00	29.56 2.44 0.00	31.80 2.53 -0.23	33.12 2.84 -0.34	35.43 3.04 0.00	36.48 2.77 0.00	39.18 3.07 0.00	41.15 3.22 0.00	48.70 4.02 0.00	55.41 4.53 0.00	64.01 4.90 0.00	54.43 3.75 0.00	44.67 2.61 0.00	41.56 2.43 0.00	37.36 2.15 0.00	33.60 2.34 0.00	30.57 2.16 0.00
LINDHRST_69_KV_BK1 356055	35.92 3.16 -6.45	32.42 2.73 -6.33	26.64 2.48 -2.26	23.71 2.38 -0.28	23.02 2.19 0.00	23.83 2.36 0.00	25.44 2.38 0.00	29.64 3.01 -2.40	34.69 3.39 -4.18	35.96 3.57 -3.34	33.93 3.62 -0.38	39.14 4.15 -2.61	39.28 4.08 -1.49	46.05 4.41 -5.53	50.38 4.51 -7.94	59.21 5.50 -9.04	60.81 6.31 -3.61	69.76 7.03 -3.62	61.99 5.73 -5.58	51.88 4.37 -5.44	47.72 4.15 -4.44	41.55 3.52 -2.82	35.68 3.59 -0.84	33.96 3.24 -2.32
LIPA_MISC_IPP 23656	35.68 2.92 -6.45	32.21 2.52 -6.33	26.46 2.30 -2.26	23.54 2.21 -0.28	22.97 2.15 0.00	23.79 2.32 0.00	25.18 2.12 0.00	29.38 2.74 -2.40	34.29 2.98 -4.18	35.52 3.14 -3.34	33.70 3.38 -0.39	40.55 3.85 -4.30	44.31 3.81 -6.79	48.58 4.19 -8.28	56.69 4.21 -14.56	96.31 5.18 -46.44	93.57 5.85 -36.84	127.70 6.68 -61.91	120.29 5.42 -64.19	93.46 4.16 -47.23	90.13 3.84 -47.16	49.78 3.27 -11.30	41.54 3.38 -6.92	34.77 3.01 -3.35
LISF____SOLAR 323691	35.79 3.02 -6.45	32.26 2.57 -6.33	26.44 2.28 -2.26	23.44 2.10 -0.28	22.81 1.98 0.00	23.68 2.21 0.00	25.55 2.49 0.00	29.33 2.69 -2.40	34.39 3.09 -4.18	35.58 3.20 -3.34	33.97 3.65 -0.39	40.40 3.66 -4.35	44.08 3.51 -6.86	50.43 4.01 -10.32	56.63 4.06 -14.64	96.48 4.87 -46.93	115.03 5.45 -58.69	130.49 6.03 -65.35	120.49 4.87 -64.95	93.29 3.45 -47.77	90.22 3.37 -47.71	49.70 3.06 -11.43	41.62 3.38 -6.99	34.84 3.07 -3.36
LITTLE FALLS____HYD 24013	26.42 0.11 0.00	23.45 0.09 0.00	21.99 0.09 0.00	21.14 0.08 0.00	20.87 0.04 0.00	21.56 0.09 0.00	23.08 0.02 0.00	24.24 0.00 0.00	27.15 0.03 0.00	29.08 0.03 0.00	29.99 0.06 0.00	32.58 0.19 0.00	33.92 0.20 0.00	36.33 0.22 0.00	38.00 0.08 0.00	44.72 0.04 0.00	50.99 0.10 0.00	59.17 0.06 0.00	50.73 0.05 0.00	42.11 0.04 0.00	39.17 0.04 0.00	35.39 0.18 0.00	31.44 0.19 0.00	28.58 0.17 0.00
LITTLRIV_115KV_TB1 356100	25.50 -0.82 0.00	22.56 -0.79 0.00	21.11 -0.79 0.00	20.29 -0.76 0.00	20.20 -0.62 0.00	20.72 -0.75 0.00	22.30 -0.76 0.00	23.39 -0.85 0.00	26.17 -0.95 0.00	28.12 -0.93 0.00	29.00 -0.93 0.00	31.58 -0.81 0.00	32.70 -1.01 0.00	34.92 -1.19 0.00	36.64 -1.29 0.00	43.25 -1.43 0.00	49.00 -1.88 0.00	57.34 -1.77 0.00	49.46 -1.22 0.00	41.10 -0.97 0.00	38.31 -0.82 0.00	34.29 -0.92 0.00	30.38 -0.88 0.00	27.44 -0.97 0.00
LI_NEWBRDGE____DRP 323616	35.26 2.50 -6.45	31.84 2.15 -6.33	26.11 1.95 -2.26	23.23 1.89 -0.28	22.52 1.69 0.00	23.34 1.87 0.00	24.93 1.87 0.00	29.06 2.42 -2.40	34.01 2.71 -4.18	35.21 2.82 -3.34	33.10 2.81 -0.36	35.89 3.24 -0.26	37.84 3.14 -0.99	44.86 3.47 -5.28	48.81 3.57 -7.31	54.59 4.42 -5.49	59.25 4.99 -3.38	64.62 5.50 -0.02	55.05 4.36 -0.02	46.82 3.28 -1.47	42.57 3.05 -0.38	37.71 2.50 0.00	34.29 2.78 -0.26	32.87 2.47 -1.99
LOCKPORT_115KV_TB60_63_64 80432	26.23 -0.08 0.00	23.24 -0.12 0.00	21.60 -0.31 0.00	20.58 -0.51 -0.04	20.43 -0.40 0.00	21.19 -0.28 0.00	22.71 -0.35 0.00	23.66 -0.58 0.00	26.33 -0.79 0.00	28.73 -0.32 0.00	29.90 -0.03 0.00	31.13 -1.26 0.00	33.65 -0.07 0.00	35.57 -0.54 0.00	37.44 -0.49 0.00	43.38 -1.30 0.00	50.43 -0.46 0.00	57.99 -1.12 0.00	50.17 -0.51 0.00	42.11 0.04 0.00	39.10 -0.04 0.00	35.67 0.46 0.00	30.72 -0.53 0.00	28.98 0.57 0.00
LOCKPORT____CC1 323769	26.23 -0.08 0.00	23.22 -0.14 0.00	21.62 -0.29 0.00	20.61 -0.48 -0.04	20.37 -0.46 0.00	21.19 -0.28 0.00	22.65 -0.41 0.00	23.66 -0.58 0.00	26.33 -0.79 0.00	28.73 -0.32 0.00	28.97 -0.96 0.00	31.29 -1.10 0.00	33.88 0.17 0.00	35.93 -0.18 0.00	37.48 -0.45 0.00	43.47 -1.20 0.00	50.58 -0.30 0.00	58.16 -0.95 0.00	50.38 -0.30 0.00	42.32 0.25 0.00	39.33 0.20 0.00	35.67 0.46 0.00	30.78 -0.47 0.00	29.03 0.62 0.00
LOCKPORT____CC2 323770	26.23 -0.08 0.00	23.22 -0.14 0.00	21.62 -0.29 0.00	20.61 -0.48 -0.04	20.37 -0.46 0.00	21.19 -0.28 0.00	22.65 -0.41 0.00	23.66 -0.58 0.00	26.33 -0.79 0.00	28.73 -0.32 0.00	28.97 -0.96 0.00	31.29 -1.10 0.00	33.88 0.17 0.00	35.93 -0.18 0.00	37.48 -0.45 0.00	43.47 -1.20 0.00	50.58 -0.30 0.00	58.16 -0.95 0.00	50.38 -0.30 0.00	42.32 0.25 0.00	39.33 0.20 0.00	35.67 0.46 0.00	30.78 -0.47 0.00	29.03 0.62 0.00
LOCKPORT____CC3 323771	26.23 -0.08 0.00	23.22 -0.14 0.00	21.62 -0.29 0.00	20.61 -0.48 -0.04	20.37 -0.46 0.00	21.19 -0.28 0.00	22.65 -0.41 0.00	23.66 -0.58 0.00	26.33 -0.79 0.00	28.73 -0.32 0.00	28.97 -0.96 0.00	31.29 -1.10 0.00	33.88 0.17 0.00	35.93 -0.18 0.00	37.48 -0.45 0.00	43.47 -1.20 0.00	50.58 -0.30 0.00	58.16 -0.95 0.00	50.38 -0.30 0.00	42.32 0.25 0.00	39.33 0.20 0.00	35.67 0.46 0.00	30.78 -0.47 0.00	29.03 0.62 0.00

LONG_LAKE_PHOENIX 24014	25.97 -0.34 0.00	23.08 -0.28 0.00	21.62 -0.28 0.00	20.80 -0.27 -0.02	20.54 -0.29 0.00	21.21 -0.26 0.00	22.78 -0.28 0.00	23.93 -0.32 0.00	26.74 -0.38 0.00	28.64 -0.41 0.00	29.48 -0.45 0.00	31.81 -0.58 0.00	33.24 -0.47 0.00	35.53 -0.58 0.00	37.28 -0.64 0.00	43.87 -0.80 0.00	50.17 -0.71 0.00	58.22 -0.89 0.00	49.92 -0.76 0.00	41.52 -0.55 0.00	38.63 -0.51 0.00	34.89 -0.32 0.00	30.91 -0.34 0.00	28.15 -0.26 0.00
LOVETT___3 23632	28.15 1.84 0.00	24.95 1.59 0.00	23.35 1.45 0.00	22.69 1.39 -0.25	22.02 1.19 0.00	22.82 1.35 0.00	24.51 1.45 0.00	26.06 1.82 0.00	29.15 2.03 0.00	31.35 2.09 -0.21	32.43 2.18 -0.31	35.01 2.62 0.00	36.17 2.46 0.00	38.89 2.78 0.00	40.77 2.84 0.00	48.21 3.53 0.00	54.90 4.02 0.00	63.48 4.37 0.00	54.08 3.40 0.00	44.55 2.48 0.00	41.41 2.27 0.00	37.15 1.94 0.00	33.31 2.06 0.00	30.20 1.79 0.00
LOVETT___4 23642	28.15 1.84 0.00	24.95 1.59 0.00	23.35 1.45 0.00	22.69 1.39 -0.25	22.02 1.19 0.00	22.82 1.35 0.00	24.51 1.45 0.00	26.06 1.82 0.00	29.15 2.03 0.00	31.35 2.09 -0.21	32.43 2.18 -0.31	35.01 2.62 0.00	36.17 2.46 0.00	38.89 2.78 0.00	40.77 2.84 0.00	48.21 3.53 0.00	54.90 4.02 0.00	63.48 4.37 0.00	54.08 3.40 0.00	44.55 2.48 0.00	41.41 2.27 0.00	37.15 1.94 0.00	33.31 2.06 0.00	30.20 1.79 0.00
LOVETT___5 23593	28.15 1.84 0.00	24.95 1.59 0.00	23.35 1.45 0.00	22.69 1.39 -0.25	22.02 1.19 0.00	22.82 1.35 0.00	24.51 1.45 0.00	26.06 1.82 0.00	29.15 2.03 0.00	31.35 2.09 -0.21	32.43 2.18 -0.31	35.01 2.62 0.00	36.17 2.46 0.00	38.89 2.78 0.00	40.77 2.84 0.00	48.21 3.53 0.00	54.90 4.02 0.00	63.48 4.37 0.00	54.08 3.40 0.00	44.55 2.48 0.00	41.41 2.27 0.00	37.15 1.94 0.00	33.31 2.06 0.00	30.20 1.79 0.00
LOWER_RAQUET___HYD 24057	25.13 -1.18 0.00	22.26 -1.10 0.00	20.83 -1.07 0.00	20.02 -1.03 0.00	19.97 -0.85 0.00	20.44 -1.03 0.00	21.98 -1.08 0.00	23.10 -1.14 0.00	25.82 -1.30 0.00	27.77 -1.28 0.00	28.64 -1.29 0.00	31.09 -1.30 0.00	32.20 -1.52 0.00	34.38 -1.73 0.00	36.11 -1.82 0.00	42.67 -2.01 0.00	48.34 -2.54 0.00	56.57 -2.54 0.00	48.81 -1.87 0.00	40.55 -1.51 0.00	37.76 -1.37 0.00	33.84 -1.37 0.00	29.97 -1.28 0.00	27.04 -1.36 0.00
LOWER___HUDSON 24059	27.60 1.29 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.42 1.03 -0.34	21.72 0.90 0.00	22.54 1.07 0.00	24.24 1.18 0.00	25.43 1.19 0.00	28.50 1.38 0.00	30.07 1.37 0.35	30.90 1.50 0.53	34.01 1.62 0.00	35.23 1.52 0.00	37.81 1.70 0.00	39.75 1.82 0.00	46.91 2.23 0.00	53.48 2.59 0.00	62.06 2.95 0.00	53.11 2.43 0.00	44.04 1.98 0.00	40.94 1.80 0.00	36.80 1.59 0.00	32.69 1.44 0.00	29.63 1.22 0.00
LOWVILLE_115KV_TB2 356335	26.52 0.21 0.00	23.47 0.12 0.00	21.99 0.09 0.00	21.10 0.04 -0.01	20.89 0.06 0.00	21.58 0.11 0.00	23.22 0.16 0.00	24.34 0.10 0.00	27.15 0.03 0.00	29.11 0.06 0.00	29.99 0.06 0.00	32.58 0.19 0.00	33.95 0.24 0.00	36.29 0.18 0.00	38.04 0.11 0.00	44.77 0.09 0.00	51.14 0.25 0.00	59.58 0.47 0.00	51.39 0.71 0.00	42.74 0.67 0.00	39.76 0.63 0.00	35.81 0.60 0.00	31.63 0.38 0.00	28.64 0.23 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	27.94 1.63 0.00	24.83 1.47 0.00	23.24 1.34 0.00	22.66 1.26 -0.35	22.00 1.17 0.00	22.78 1.31 0.00	24.51 1.45 0.00	25.74 1.50 0.00	28.85 1.74 0.00	30.52 1.74 0.28	31.18 1.68 0.42	34.33 1.94 0.00	35.60 1.89 0.00	38.24 2.13 0.00	40.09 2.16 0.00	47.40 2.73 0.00	54.24 3.36 0.00	62.95 3.84 0.00	53.87 3.19 0.00	44.80 2.73 0.00	41.72 2.58 0.00	37.43 2.22 0.00	33.19 1.94 0.00	30.03 1.62 0.00
LUTHERNY_35_KV_BK2 355980	27.94 1.63 0.00	24.83 1.47 0.00	23.24 1.34 0.00	22.68 1.28 -0.35	22.02 1.19 0.00	22.80 1.33 0.00	24.51 1.45 0.00	25.77 1.53 0.00	28.88 1.76 0.00	30.54 1.77 0.28	31.21 1.71 0.42	34.37 1.98 0.00	35.60 1.89 0.00	38.24 2.13 0.00	40.13 2.20 0.00	47.40 2.73 0.00	54.29 3.41 0.00	63.01 3.90 0.00	53.92 3.24 0.00	44.84 2.78 0.00	41.76 2.62 0.00	37.46 2.25 0.00	33.22 1.97 0.00	30.06 1.65 0.00
LWR___OSWEGATCHIE_HYD 23850	25.71 -0.61 0.00	22.75 -0.61 0.00	21.29 -0.61 0.00	20.47 -0.59 -0.01	20.31 -0.52 0.00	20.91 -0.56 0.00	22.48 -0.58 0.00	23.59 -0.65 0.00	26.36 -0.76 0.00	28.29 -0.76 0.00	29.12 -0.81 0.00	31.61 -0.78 0.00	32.84 -0.88 0.00	35.10 -1.01 0.00	36.87 -1.06 0.00	43.43 -1.25 0.00	49.41 -1.48 0.00	57.75 -1.36 0.00	49.82 -0.86 0.00	41.43 -0.63 0.00	38.59 -0.55 0.00	34.65 -0.56 0.00	30.66 -0.59 0.00	27.75 -0.65 0.00
LYONS_FALL_HYD 23570	26.65 0.34 0.00	23.59 0.23 0.00	22.12 0.22 0.00	21.23 0.17 -0.01	20.99 0.17 0.00	21.71 0.24 0.00	23.34 0.28 0.00	24.48 0.24 0.00	27.33 0.22 0.00	29.31 0.26 0.00	30.20 0.27 0.00	32.81 0.42 0.00	34.22 0.51 0.00	36.47 0.36 0.00	38.35 0.42 0.00	45.08 0.40 0.00	51.54 0.66 0.00	60.00 0.89 0.00	51.64 0.96 0.00	42.91 0.84 0.00	39.92 0.78 0.00	35.91 0.70 0.00	31.75 0.50 0.00	28.78 0.37 0.00
MADISON___COUNTY_LFGE 323628	27.00 0.68 0.00	23.89 0.54 0.00	22.41 0.50 0.00	21.49 0.42 -0.01	21.22 0.40 0.00	21.98 0.52 0.00	23.64 0.58 0.00	24.82 0.58 0.00	27.74 0.62 0.00	29.75 0.70 0.00	30.71 0.78 0.00	33.26 0.87 0.00	34.76 1.05 0.00	37.16 1.05 0.00	38.99 1.06 0.00	45.84 1.16 0.00	52.46 1.58 0.00	60.94 1.83 0.00	52.35 1.67 0.00	43.50 1.43 0.00	40.47 1.33 0.00	36.41 1.20 0.00	32.13 0.88 0.00	29.17 0.77 0.00
MALONE___115KV_TB1 356076	25.86 -0.45 0.00	22.87 -0.49 0.00	21.38 -0.53 0.00	20.53 -0.53 0.00	20.47 -0.35 0.00	21.00 -0.47 0.00	22.60 -0.46 0.00	23.85 -0.39 0.00	26.74 -0.38 0.00	28.82 -0.23 0.00	29.69 -0.24 0.00	32.16 -0.23 0.00	33.28 -0.44 0.00	35.50 -0.61 0.00	37.32 -0.61 0.00	44.14 -0.54 0.00	50.07 -0.81 0.00	58.70 -0.41 0.00	50.83 0.15 0.00	42.23 0.17 0.00	39.33 0.20 0.00	35.17 -0.04 0.00	31.13 -0.13 0.00	28.15 -0.26 0.00
MAPLEWOD_115KV_TB3 80458	27.71 1.39 0.00	24.64 1.28 0.00	23.06 1.16 0.00	22.51 1.12 -0.34	21.85 1.02 0.00	22.61 1.14 0.00	24.31 1.25 0.00	25.53 1.28 0.00	28.64 1.52 0.00	30.30 1.51 0.26	31.06 1.53 0.40	34.20 1.81 0.00	35.50 1.79 0.00	38.13 2.02 0.00	39.98 2.05 0.00	47.22 2.55 0.00	53.89 3.00 0.00	62.54 3.43 0.00	53.52 2.84 0.00	44.38 2.31 0.00	41.29 2.15 0.00	37.04 1.83 0.00	32.88 1.63 0.00	29.77 1.36 0.00
MAPLE_RIDGE_WT_1 323574	26.02 -0.29 0.00	23.12 -0.23 0.00	21.71 -0.20 0.00	20.91 -0.15 0.00	20.68 -0.14 0.00	21.40 -0.06 0.00	23.04 -0.02 0.00	24.24 0.00 0.00	27.15 0.03 0.00	29.08 0.03 0.00	29.96 0.03 0.00	32.39 0.00 0.00	33.71 0.00 0.00	36.07 -0.04 0.00	37.89 -0.04 0.00	44.59 -0.09 0.00	50.88 0.00 0.00	59.11 0.00 0.00	50.73 0.05 0.00	42.11 0.04 0.00	39.17 0.04 0.00	35.25 0.04 0.00	31.28 0.03 0.00	28.46 0.06 0.00

MAPLE_RIDGE_WT_2 323611	26.02 -0.29 0.00	23.12 -0.23 0.00	21.71 -0.20 0.00	20.91 -0.15 0.00	20.68 -0.14 0.00	21.40 -0.06 0.00	23.04 -0.02 0.00	24.24 0.00 0.00	27.15 0.03 0.00	29.08 0.03 0.00	29.96 0.03 0.00	32.39 0.00 0.00	33.71 0.00 0.00	36.07 -0.04 0.00	37.89 -0.04 0.00	44.59 -0.09 0.00	50.88 0.00 0.00	59.11 0.00 0.00	50.73 0.05 0.00	42.11 0.04 0.00	39.17 0.04 0.00	35.25 0.04 0.00	31.28 0.03 0.00	28.46 0.06 0.00
MARBLE_RIVER_WT_PWR 323696	25.94 -0.37 0.00	22.91 -0.44 0.00	21.42 -0.48 0.00	20.59 -0.46 0.00	20.58 -0.25 0.00	21.06 -0.41 0.00	22.67 -0.39 0.00	23.93 -0.32 0.00	26.85 -0.27 0.00	28.90 -0.14 0.00	29.78 -0.15 0.00	32.16 -0.23 0.00	33.27 -0.44 0.00	35.64 -0.47 0.00	37.43 -0.49 0.00	44.27 -0.40 0.00	50.32 -0.56 0.00	59.05 -0.06 0.00	51.08 0.40 0.00	42.44 0.38 0.00	39.49 0.35 0.00	35.39 0.18 0.00	31.31 0.06 0.00	28.35 -0.06 0.00
MARSHVLE_115KV_TB1 80742	28.55 2.24 0.00	25.27 1.92 0.00	23.70 1.80 0.00	23.16 1.68 -0.42	22.47 1.65 0.00	23.29 1.82 0.00	25.00 1.94 0.00	26.25 2.01 0.00	29.29 2.17 0.00	31.06 2.18 0.17	31.83 2.15 0.25	34.75 2.36 0.00	36.17 2.46 0.00	38.71 2.60 0.00	40.66 2.73 0.00	48.07 3.40 0.00	55.11 4.22 0.00	64.19 5.08 0.00	55.24 4.56 0.00	46.02 3.95 0.00	42.85 3.72 0.00	38.63 3.42 0.00	34.03 2.78 0.00	30.77 2.36 0.00
MARSH_HILL_WT_PWR 323713	27.10 0.79 0.00	23.96 0.61 0.00	22.41 0.50 0.00	21.33 0.23 -0.05	21.10 0.27 0.00	21.98 0.51 0.00	23.66 0.60 0.00	24.92 0.68 0.00	27.77 0.65 0.00	30.01 0.96 0.00	30.56 0.63 0.00	33.17 0.78 0.00	35.33 1.62 0.00	37.48 1.37 0.00	39.18 1.25 0.00	45.75 1.07 0.00	53.02 2.14 0.00	61.12 2.01 0.00	52.81 2.13 0.00	44.25 2.19 0.00	41.05 1.92 0.00	37.11 1.90 0.00	32.37 1.12 0.00	29.94 1.53 0.00
MCINTYRE_115KV_TB2 80467	25.79 -0.53 0.00	22.84 -0.51 0.00	21.36 -0.55 0.00	20.53 -0.53 0.00	20.43 -0.40 0.00	20.95 -0.52 0.00	22.53 -0.53 0.00	23.61 -0.63 0.00	26.41 -0.71 0.00	28.38 -0.67 0.00	29.24 -0.69 0.00	31.84 -0.55 0.00	32.97 -0.74 0.00	35.21 -0.90 0.00	36.98 -0.95 0.00	43.65 -1.03 0.00	49.46 -1.42 0.00	57.93 -1.18 0.00	49.97 -0.71 0.00	41.52 -0.55 0.00	38.71 -0.43 0.00	34.68 -0.53 0.00	30.69 -0.56 0.00	27.73 -0.68 0.00
MECO____69_KV_BK1 80468	29.02 2.71 0.00	25.72 2.36 0.00	24.07 2.17 0.00	23.49 2.04 -0.40	22.81 1.98 0.00	23.66 2.19 0.00	25.48 2.42 0.00	26.74 2.50 0.00	29.80 2.68 0.00	31.48 2.61 0.18	32.14 2.48 0.28	35.60 3.21 0.00	37.09 3.37 0.00	39.76 3.65 0.00	41.19 3.26 0.00	48.74 4.07 0.00	55.92 5.04 0.00	65.43 6.32 0.00	56.36 5.68 0.00	47.03 4.96 0.00	43.83 4.70 0.00	39.33 4.12 0.00	34.56 3.31 0.00	31.19 2.78 0.00
MENANDS__115KV_TB5 355628	27.50 1.18 0.00	24.45 1.10 0.00	22.91 1.01 0.00	22.36 0.97 -0.34	21.70 0.87 0.00	22.46 0.99 0.00	24.12 1.06 0.00	25.33 1.09 0.00	28.42 1.30 0.00	30.06 1.28 0.27	30.81 1.29 0.41	33.94 1.55 0.00	35.20 1.48 0.00	37.81 1.70 0.00	39.67 1.74 0.00	46.82 2.14 0.00	53.38 2.49 0.00	61.89 2.78 0.00	52.96 2.28 0.00	43.92 1.85 0.00	40.82 1.68 0.00	36.65 1.44 0.00	32.56 1.31 0.00	29.49 1.08 0.00
MG INDUSTRY___DRP 24185	27.52 1.21 0.00	24.48 1.12 0.00	22.95 1.05 0.00	22.39 1.01 -0.33	21.77 0.94 0.00	22.50 1.03 0.00	24.17 1.11 0.00	25.33 1.09 0.00	28.39 1.27 0.00	30.16 1.28 0.16	30.94 1.26 0.25	33.88 1.49 0.00	35.16 1.45 0.00	37.77 1.66 0.00	39.64 1.71 0.00	46.73 2.06 0.00	53.22 2.34 0.00	61.77 2.66 0.00	52.91 2.23 0.00	43.92 1.85 0.00	40.86 1.72 0.00	36.69 1.48 0.00	32.59 1.34 0.00	29.54 1.14 0.00
MID___OSWEGATCHIE_HYD 23849	25.71 -0.61 0.00	22.75 -0.61 0.00	21.29 -0.61 0.00	20.47 -0.59 -0.01	20.31 -0.52 0.00	20.91 -0.56 0.00	22.48 -0.58 0.00	23.59 -0.65 0.00	26.36 -0.76 0.00	28.29 -0.76 0.00	29.12 -0.81 0.00	31.61 -0.78 0.00	32.84 -0.88 0.00	35.10 -1.01 0.00	36.87 -1.06 0.00	43.43 -1.25 0.00	49.41 -1.48 0.00	57.75 -1.36 0.00	49.82 -0.86 0.00	41.43 -0.63 0.00	38.59 -0.55 0.00	34.65 -0.56 0.00	30.66 -0.59 0.00	27.75 -0.65 0.00
MID___RAQUETTE_HYD 23851	25.13 -1.18 0.00	22.26 -1.10 0.00	20.83 -1.07 0.00	20.02 -1.03 0.00	19.93 -0.90 0.00	20.44 -1.03 0.00	21.98 -1.08 0.00	23.10 -1.14 0.00	25.82 -1.30 0.00	27.77 -1.28 0.00	28.61 -1.32 0.00	31.09 -1.30 0.00	32.20 -1.52 0.00	34.41 -1.70 0.00	36.11 -1.82 0.00	42.67 -2.01 0.00	48.34 -2.54 0.00	56.57 -2.54 0.00	48.80 -1.88 0.00	40.55 -1.51 0.00	37.77 -1.37 0.00	33.84 -1.37 0.00	29.97 -1.28 0.00	27.10 -1.31 0.00
MILLIKEN___1 23584	26.97 0.66 0.00	23.92 0.56 0.00	22.39 0.48 0.00	21.50 0.40 -0.05	21.22 0.40 0.00	21.98 0.52 0.00	23.64 0.58 0.00	24.87 0.63 0.00	27.77 0.65 0.00	29.78 0.73 0.00	30.68 0.75 0.00	33.07 0.68 0.00	34.69 0.98 0.00	37.08 0.97 0.00	38.92 0.99 0.00	45.75 1.07 0.00	52.56 1.68 0.00	60.94 1.83 0.00	52.45 1.77 0.00	43.71 1.64 0.00	40.62 1.49 0.00	36.62 1.41 0.00	32.25 1.00 0.00	29.37 0.97 0.00
MILLIKEN___2 23585	26.97 0.66 0.00	23.92 0.56 0.00	22.39 0.48 0.00	21.50 0.40 -0.05	21.22 0.40 0.00	21.98 0.52 0.00	23.64 0.58 0.00	24.87 0.63 0.00	27.77 0.65 0.00	29.78 0.73 0.00	30.68 0.75 0.00	33.07 0.68 0.00	34.69 0.98 0.00	37.08 0.97 0.00	38.92 0.99 0.00	45.75 1.07 0.00	52.56 1.68 0.00	60.94 1.83 0.00	52.45 1.77 0.00	43.71 1.64 0.00	40.62 1.49 0.00	36.62 1.41 0.00	32.25 1.00 0.00	29.37 0.97 0.00
MILLIKEN___DIESEL 23629	26.97 0.66 0.00	23.92 0.56 0.00	22.39 0.48 0.00	21.50 0.40 -0.05	21.22 0.40 0.00	21.98 0.52 0.00	23.64 0.58 0.00	24.87 0.63 0.00	27.77 0.65 0.00	29.78 0.73 0.00	30.68 0.75 0.00	33.07 0.68 0.00	34.69 0.98 0.00	37.08 0.97 0.00	38.92 0.99 0.00	45.75 1.07 0.00	52.56 1.68 0.00	60.94 1.83 0.00	52.45 1.77 0.00	43.71 1.64 0.00	40.62 1.49 0.00	36.62 1.41 0.00	32.25 1.00 0.00	29.37 0.97 0.00
MILLSEAT___LFGE 323607	26.65 0.34 0.00	23.59 0.23 0.00	21.95 0.04 0.00	20.92 -0.17 -0.04	20.70 -0.12 0.00	21.51 0.04 0.00	23.01 -0.05 0.00	24.10 -0.14 0.00	26.85 -0.27 0.00	29.22 0.18 0.00	29.54 -0.39 0.00	31.94 -0.45 0.00	34.49 0.78 0.00	36.58 0.47 0.00	38.20 0.27 0.00	44.37 -0.31 0.00	51.65 0.76 0.00	59.53 0.42 0.00	51.49 0.81 0.00	43.33 1.26 0.00	40.23 1.09 0.00	36.41 1.20 0.00	31.38 0.13 0.00	29.49 1.08 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.31 2.00 0.00	25.06 1.71 0.00	23.46 1.56 0.00	22.83 1.52 -0.26	22.14 1.31 0.00	22.93 1.46 0.00	24.63 1.57 0.00	26.18 1.94 0.00	29.31 2.20 0.00	31.54 2.27 -0.22	32.63 2.36 -0.34	35.18 2.79 0.00	36.38 2.66 0.00	39.11 3.00 0.00	41.00 3.07 0.00	48.48 3.80 0.00	55.21 4.33 0.00	63.84 4.73 0.00	54.38 3.70 0.00	44.80 2.73 0.00	41.64 2.50 0.00	37.36 2.15 0.00	33.47 2.22 0.00	30.37 1.96 0.00

MILLWOOD_13_KV_LOAD 356217	28.39 2.08 0.00	25.16 1.80 0.00	23.52 1.62 0.00	22.89 1.58 -0.26	22.18 1.35 0.00	22.97 1.50 0.00	24.67 1.61 0.00	26.25 2.01 0.00	29.42 2.31 0.00	31.65 2.38 -0.22	32.66 2.39 -0.34	35.24 2.85 0.00	36.48 2.76 0.00	39.21 3.11 0.00	41.11 3.19 0.00	48.65 3.98 0.00	55.41 4.53 0.00	64.07 4.97 0.00	54.58 3.90 0.00	44.97 2.90 0.00	41.80 2.66 0.00	37.46 2.25 0.00	33.56 2.31 0.00	30.45 2.05 0.00
MODEL_CITY_ENERGY 24167	25.97 -0.34 0.00	23.01 -0.35 0.00	21.38 -0.53 0.00	20.40 -0.69 -0.04	20.20 -0.62 0.00	21.00 -0.47 0.00	22.39 -0.67 0.00	23.37 -0.87 0.00	26.01 -1.11 0.00	28.38 -0.67 0.00	28.61 -1.32 0.00	30.90 -1.49 0.00	33.44 -0.27 0.00	35.46 -0.65 0.00	36.98 -0.95 0.00	42.93 -1.74 0.00	49.91 -0.97 0.00	57.45 -1.65 0.00	49.72 -0.96 0.00	41.77 -0.29 0.00	38.82 -0.31 0.00	35.25 0.04 0.00	30.38 -0.87 0.00	28.72 0.31 0.00
MODERN_LFGE_ 323580	25.97 -0.34 0.00	23.01 -0.35 0.00	21.38 -0.53 0.00	20.40 -0.69 -0.04	20.20 -0.62 0.00	21.00 -0.47 0.00	22.39 -0.67 0.00	23.37 -0.87 0.00	26.01 -1.11 0.00	28.38 -0.67 0.00	28.61 -1.32 0.00	30.90 -1.49 0.00	33.44 -0.27 0.00	35.46 -0.65 0.00	36.98 -0.95 0.00	42.93 -1.74 0.00	49.91 -0.97 0.00	57.45 -1.65 0.00	49.72 -0.96 0.00	41.77 -0.29 0.00	38.82 -0.31 0.00	35.25 0.04 0.00	30.38 -0.87 0.00	28.72 0.31 0.00
MOHAWK_PAPER___DRP 24187	27.71 1.39 0.00	24.64 1.28 0.00	23.06 1.16 0.00	22.51 1.12 -0.34	21.85 1.02 0.00	22.61 1.14 0.00	24.31 1.25 0.00	25.53 1.28 0.00	28.64 1.52 0.00	30.30 1.51 0.26	31.06 1.53 0.40	34.20 1.81 0.00	35.50 1.79 0.00	38.13 2.02 0.00	39.98 2.05 0.00	47.22 2.55 0.00	53.89 3.00 0.00	62.54 3.43 0.00	53.52 2.84 0.00	44.38 2.31 0.00	41.29 2.15 0.00	37.04 1.83 0.00	32.88 1.63 0.00	29.77 1.36 0.00
MOHICAN__35_KV_115KV_LD 80490	27.86 1.55 0.00	24.73 1.38 0.00	23.15 1.25 0.00	22.58 1.18 -0.35	21.93 1.10 0.00	22.74 1.27 0.00	24.47 1.41 0.00	25.77 1.53 0.00	28.85 1.74 0.00	30.52 1.74 0.27	31.01 1.50 0.41	34.17 1.78 0.00	35.33 1.62 0.00	37.91 1.81 0.00	39.75 1.82 0.00	47.05 2.37 0.00	54.14 3.26 0.00	62.95 3.84 0.00	53.87 3.19 0.00	44.84 2.78 0.00	41.87 2.74 0.00	37.53 2.32 0.00	33.19 1.94 0.00	29.97 1.56 0.00
MONGAUP___HYD 23641	27.65 1.34 0.00	24.48 1.12 0.00	22.91 1.01 0.00	22.25 0.97 -0.23	21.58 0.75 0.00	22.37 0.90 0.00	24.05 0.99 0.00	25.38 1.14 0.00	28.39 1.27 0.00	30.47 1.25 -0.18	31.64 1.44 -0.27	33.98 1.59 0.00	35.20 1.48 0.00	37.81 1.70 0.00	39.41 1.48 0.00	46.60 1.92 0.00	53.18 2.29 0.00	61.71 2.60 0.00	52.76 2.08 0.00	43.62 1.56 0.00	40.58 1.45 0.00	36.72 1.51 0.00	32.75 1.50 0.00	29.63 1.22 0.00
MONTAUK___DIESEL 23721	37.16 4.39 -6.45	33.48 3.78 -6.33	27.64 3.48 -2.26	24.64 3.31 -0.28	24.04 3.21 0.00	24.88 3.41 0.00	26.33 3.27 0.00	30.66 4.02 -2.40	35.94 4.64 -4.18	37.38 5.00 -3.34	35.83 5.51 -0.39	42.95 6.25 -4.31	46.94 6.41 -6.82	51.44 7.01 -8.33	59.65 7.13 -14.59	99.92 8.58 -46.66	99.13 9.92 -38.33	133.51 11.41 -62.99	124.53 9.33 -64.52	96.86 7.32 -47.47	93.19 6.65 -47.41	52.33 5.77 -11.35	43.61 5.41 -6.95	36.50 4.74 -3.35
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.21 0.89 0.00	24.06 0.70 0.00	22.45 0.55 0.00	21.22 0.13 -0.04	21.14 0.31 0.00	22.01 0.54 0.00	23.78 0.71 0.00	24.99 0.75 0.00	27.90 0.79 0.00	30.36 1.31 0.00	31.61 1.68 0.00	33.04 0.65 0.00	35.67 1.96 0.00	37.70 1.59 0.00	39.60 1.67 0.00	45.97 1.30 0.00	53.27 2.39 0.00	61.12 2.01 0.00	52.76 2.08 0.00	44.17 2.10 0.00	40.97 1.84 0.00	37.50 2.29 0.00	32.34 1.09 0.00	30.17 1.76 0.00
MORTIMER_115KV_TB3 55949	26.47 0.16 0.00	23.45 0.09 0.00	21.90 0.00 0.00	21.04 -0.04 -0.03	20.70 -0.12 0.00	21.45 -0.02 0.00	23.06 0.00 0.00	24.17 -0.07 0.00	26.98 -0.14 0.00	29.28 0.23 0.00	30.32 0.39 0.00	32.03 -0.36 0.00	34.12 0.40 0.00	36.29 0.18 0.00	38.23 0.30 0.00	44.63 -0.04 0.00	51.60 0.71 0.00	59.58 0.47 0.00	51.34 0.66 0.00	42.91 0.84 0.00	39.88 0.74 0.00	36.09 0.88 0.00	31.38 0.12 0.00	29.15 0.74 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.65 2.34 0.00	25.30 1.94 0.00	23.66 1.75 0.00	23.02 1.71 -0.26	22.33 1.50 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.50 2.25 0.00	29.67 2.55 0.00	31.92 2.64 -0.23	33.06 2.78 -0.34	35.63 3.24 0.00	36.75 3.03 0.00	39.54 3.43 0.00	41.46 3.53 0.00	49.06 4.38 0.00	55.82 4.94 0.00	64.49 5.38 0.00	54.84 4.16 0.00	45.14 3.07 0.00	41.99 2.86 0.00	37.64 2.43 0.00	33.88 2.63 0.00	30.71 2.30 0.00
MUNSVILLE_WIND_PWR 323609	28.44 2.13 0.00	25.09 1.73 0.00	23.55 1.64 0.00	22.56 1.43 -0.07	22.20 1.37 0.00	23.12 1.65 0.00	24.93 1.87 0.00	26.06 1.82 0.00	28.96 1.84 0.00	31.03 1.98 0.00	31.85 1.92 0.00	34.62 2.23 0.00	36.27 2.56 0.00	38.67 2.56 0.00	40.62 2.69 0.00	47.76 3.08 0.00	55.06 4.17 0.00	64.08 4.97 0.00	55.50 4.82 0.00	46.31 4.25 0.00	43.17 4.03 0.00	38.84 3.63 0.00	33.94 2.69 0.00	30.79 2.39 0.00
N SALMON___HYD 24042	25.86 -0.45 0.00	22.87 -0.49 0.00	21.36 -0.55 0.00	20.53 -0.53 0.00	20.54 -0.29 0.00	21.00 -0.47 0.00	22.60 -0.46 0.00	23.85 -0.39 0.00	26.74 -0.38 0.00	28.82 -0.23 0.00	29.69 -0.24 0.00	32.16 -0.23 0.00	33.24 -0.47 0.00	35.53 -0.58 0.00	37.32 -0.61 0.00	44.14 -0.53 0.00	50.07 -0.82 0.00	58.70 -0.41 0.00	50.83 0.15 0.00	42.23 0.17 0.00	39.33 0.20 0.00	35.17 -0.04 0.00	31.13 -0.12 0.00	28.10 -0.31 0.00
N.AKRON__115KV_KNAPP 355671	26.65 0.34 0.00	23.59 0.23 0.00	21.93 0.02 0.00	20.92 -0.17 -0.04	20.75 -0.08 0.00	21.51 0.04 0.00	23.08 0.02 0.00	24.10 -0.15 0.00	26.85 -0.27 0.00	29.25 0.20 0.00	30.41 0.48 0.00	31.77 -0.62 0.00	34.29 0.57 0.00	36.29 0.18 0.00	38.16 0.23 0.00	44.23 -0.45 0.00	51.54 0.66 0.00	59.29 0.18 0.00	51.29 0.61 0.00	43.03 0.97 0.00	40.00 0.86 0.00	36.37 1.16 0.00	31.31 0.06 0.00	29.46 1.05 0.00
N.BELMOR_69_KV_BK1 55787	35.58 2.82 -6.45	32.12 2.43 -6.33	26.35 2.19 -2.26	23.46 2.13 -0.28	22.72 1.90 0.00	23.55 2.08 0.00	25.18 2.12 0.00	29.35 2.72 -2.40	34.34 3.04 -4.18	35.58 3.20 -3.34	33.52 3.23 -0.36	36.41 3.76 -0.26	38.38 3.67 -0.99	45.40 4.01 -5.28	49.34 4.10 -7.31	55.21 5.05 -5.49	60.02 5.75 -3.38	65.57 6.44 -0.02	55.81 5.12 -0.02	47.45 3.91 -1.47	43.24 3.72 -0.38	38.34 3.13 0.00	34.76 3.25 -0.26	33.27 2.87 -1.99
N.E._GEN_SANDY PD 24062	27.70 1.39 0.00	24.66 1.31 0.00	23.06 1.16 0.00	22.49 1.14 -0.30	21.79 0.96 0.00	22.61 1.14 0.00	24.30 1.24 0.00	25.55 1.31 0.00	28.61 1.49 0.00	28.69 1.48 1.84	28.80 1.68 2.80	33.97 1.81 0.23	35.63 1.68 -0.23	38.02 1.91 0.00	39.98 2.05 0.00	47.18 2.50 0.00	53.68 2.80 0.00	62.18 3.07 0.00	53.16 2.48 0.00	43.96 1.89 0.00	40.82 1.68 -1.11	37.84 1.51 1.11	31.60 1.47 1.11	29.69 1.28 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.21 1.89 0.00	24.99 1.63 0.00	23.37 1.47 0.00	22.73 1.43 -0.25	22.04 1.21 0.00	22.84 1.37 0.00	24.54 1.48 0.00	26.08 1.84 0.00	29.18 2.06 0.00	31.37 2.12 -0.20	32.49 2.24 -0.31	35.08 2.69 0.00	36.28 2.56 0.00	39.00 2.89 0.00	40.89 2.96 0.00	48.34 3.66 0.00	55.06 4.17 0.00	63.66 4.55 0.00	54.18 3.50 0.00	44.63 2.57 0.00	41.52 2.39 0.00	37.22 2.01 0.00	33.38 2.13 0.00	30.23 1.82 0.00
N.QUEENS_27_KV_LOAD 356247	28.87 2.55 -0.01	25.56 2.20 -0.01	23.88 1.97 -0.01	23.17 1.85 -0.26	22.47 1.65 0.00	23.10 1.63 0.00	24.77 1.71 0.00	26.67 2.42 0.00	29.78 2.66 -0.01	32.04 2.76 -0.23	33.23 2.96 -0.34	35.83 3.43 -0.01	36.92 3.20 0.00	39.76 3.65 0.00	41.65 3.72 0.00	49.50 4.83 0.00	56.28 5.39 0.00	64.49 5.38 0.00	54.79 4.11 0.00	45.09 3.03 0.00	42.07 2.94 0.00	37.71 2.50 0.00	34.01 2.75 -0.01	30.97 2.56 -0.01
N.TROY___115KV_TB1 355778	27.60 1.29 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.42 1.03 -0.34	21.77 0.94 0.00	22.54 1.07 0.00	24.21 1.15 0.00	25.40 1.16 0.00	28.50 1.38 0.00	30.04 1.34 0.35	30.75 1.35 0.53	34.01 1.62 0.00	35.26 1.55 0.00	37.88 1.77 0.00	39.75 1.82 0.00	46.91 2.23 0.00	53.48 2.60 0.00	62.06 2.96 0.00	53.11 2.43 0.00	44.08 2.02 0.00	40.97 1.84 0.00	36.79 1.58 0.00	32.69 1.44 0.00	29.63 1.22 0.00
NARROWS_GT1_1 24228	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT1_2 24229	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT1_3 24230	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT1_4 24231	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT1_5 24232	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT1_6 24233	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT1_7 24234	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT1_8 24235	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT2_1 24236	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT2_2 24237	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT2_3 24238	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT2_4 24239	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63

NARROWS_GT2_5 24240	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT2_6 24241	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT2_7 24242	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NARROWS_GT2_8 24243	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.84 5.68 -0.06	55.04 4.36 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.94 1.63 0.00	24.83 1.47 0.00	23.26 1.36 0.00	22.59 1.22 -0.31	22.00 1.17 0.00	22.74 1.27 0.00	24.44 1.38 0.00	25.55 1.31 0.00	28.66 1.55 0.00	30.67 1.74 0.12	31.43 1.68 0.18	34.11 1.72 0.00	35.40 1.69 0.00	38.13 2.02 0.00	40.05 2.12 0.00	47.22 2.55 0.00	53.94 3.05 0.00	62.77 3.66 0.00	53.92 3.24 0.00	44.88 2.82 0.00	41.80 2.66 0.00	37.46 2.25 0.00	33.16 1.91 0.00	29.91 1.51 0.00
NCHELSEA_115KV_TR2 355582	28.39 2.08 0.00	25.13 1.78 0.00	23.52 1.62 0.00	22.87 1.56 -0.26	22.16 1.33 0.00	22.93 1.46 0.00	24.63 1.57 0.00	26.08 1.84 0.00	29.21 2.09 0.00	31.40 2.18 -0.17	32.43 2.24 -0.26	35.08 2.69 0.00	36.31 2.60 0.00	39.11 3.00 0.00	40.96 3.03 0.00	48.48 3.80 0.00	55.21 4.33 0.00	63.96 4.85 0.00	54.53 3.85 0.00	45.01 2.94 0.00	41.87 2.74 0.00	37.50 2.29 0.00	33.53 2.28 0.00	30.34 1.93 0.00
NEG CAPITAL___MECHNVIL 23645	27.97 1.66 0.00	24.85 1.50 0.00	23.24 1.34 0.00	22.68 1.28 -0.35	21.99 1.17 0.00	22.80 1.33 0.00	24.54 1.48 0.00	25.79 1.55 0.00	28.91 1.79 0.00	30.55 1.80 0.30	31.36 1.89 0.46	34.43 2.04 0.00	35.67 1.95 0.00	38.28 2.17 0.00	40.24 2.31 0.00	47.54 2.86 0.00	54.39 3.51 0.00	63.13 4.02 0.00	54.02 3.34 0.00	44.88 2.82 0.00	41.76 2.62 0.00	37.50 2.29 0.00	33.22 1.97 0.00	30.08 1.68 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.02 -0.29 0.00	23.05 -0.30 0.00	21.58 -0.33 0.00	20.68 -0.40 -0.03	20.37 -0.46 0.00	21.12 -0.34 0.00	22.69 -0.37 0.00	23.88 -0.36 0.00	26.71 -0.41 0.00	28.88 -0.17 0.00	29.42 -0.51 0.00	31.84 -0.55 0.00	33.85 0.14 0.00	36.07 -0.04 0.00	37.78 -0.15 0.00	44.23 -0.45 0.00	51.09 0.20 0.00	59.05 -0.06 0.00	50.83 0.15 0.00	42.49 0.42 0.00	39.45 0.31 0.00	35.53 0.32 0.00	31.00 -0.25 0.00	28.61 0.20 0.00
NEG CENTRAL___DRP 24199	26.57 0.26 0.00	23.59 0.23 0.00	22.06 0.15 0.00	21.15 0.06 -0.03	20.89 0.06 0.00	21.66 0.19 0.00	23.31 0.25 0.00	24.53 0.29 0.00	27.42 0.30 0.00	29.51 0.46 0.00	30.44 0.51 0.00	32.71 0.32 0.00	34.39 0.67 0.00	36.69 0.58 0.00	38.50 0.57 0.00	45.17 0.49 0.00	51.95 1.07 0.00	60.11 1.00 0.00	51.74 1.06 0.00	43.12 1.05 0.00	40.04 0.90 0.00	36.13 0.92 0.00	31.81 0.56 0.00	29.09 0.68 0.00
NEG CENTRAL___INDECK 23768	27.44 1.13 0.00	24.27 0.91 0.00	22.69 0.79 0.00	21.64 0.55 -0.04	21.37 0.54 0.00	22.22 0.75 0.00	23.80 0.74 0.00	24.82 0.58 0.00	27.53 0.41 0.00	29.69 0.64 0.00	30.14 0.21 0.00	32.88 0.49 0.00	33.88 0.17 0.00	36.15 0.04 0.00	37.82 -0.11 0.00	44.23 -0.45 0.00	51.29 0.41 0.00	59.64 0.53 0.00	51.85 1.17 0.00	43.75 1.68 0.00	40.74 1.61 0.00	36.83 1.62 0.00	32.81 1.56 0.00	30.31 1.90 0.00
NEG CENTRAL___SENECA 23627	26.71 0.39 0.00	23.66 0.30 0.00	22.12 0.22 0.00	21.17 0.08 -0.04	20.93 0.10 0.00	21.73 0.26 0.00	23.38 0.32 0.00	24.65 0.41 0.00	27.53 0.41 0.00	29.72 0.67 0.00	30.68 0.75 0.00	32.91 0.52 0.00	34.66 0.94 0.00	36.90 0.79 0.00	38.73 0.80 0.00	45.35 0.67 0.00	52.36 1.48 0.00	60.53 1.42 0.00	52.10 1.42 0.00	43.50 1.43 0.00	40.35 1.21 0.00	36.41 1.20 0.00	32.00 0.75 0.00	29.35 0.94 0.00
NEG CENTRAL___STATE_STREET 24147	26.81 0.50 0.00	23.80 0.44 0.00	22.28 0.37 0.00	21.40 0.32 -0.03	21.14 0.31 0.00	21.88 0.41 0.00	23.50 0.44 0.00	24.75 0.51 0.00	27.71 0.60 0.00	29.75 0.70 0.00	30.65 0.72 0.00	32.84 0.45 0.00	34.42 0.71 0.00	36.80 0.69 0.00	38.88 0.95 0.00	45.71 1.03 0.00	52.41 1.53 0.00	60.71 1.60 0.00	52.20 1.52 0.00	43.45 1.39 0.00	40.35 1.21 0.00	36.41 1.20 0.00	32.09 0.84 0.00	29.23 0.82 0.00
NEG MILLWOOD___DRP 24198	28.55 2.24 0.00	25.27 1.92 0.00	23.66 1.75 0.00	23.00 1.68 -0.27	22.27 1.44 0.00	23.04 1.57 0.00	24.77 1.71 0.00	26.28 2.04 0.00	29.48 2.36 0.00	31.71 2.47 -0.19	32.59 2.36 -0.29	35.24 2.85 0.00	36.51 2.80 0.00	39.32 3.21 0.00	41.23 3.30 0.00	48.79 4.11 0.00	55.62 4.73 0.00	64.49 5.38 0.00	54.94 4.26 0.00	45.35 3.28 0.00	42.11 2.97 0.00	37.67 2.46 0.00	33.63 2.38 0.00	30.57 2.16 0.00
NEG NORTH_FLCN_SEA 23793	26.63 0.32 0.00	23.52 0.16 0.00	21.97 0.07 0.00	21.09 0.04 0.00	21.06 0.23 0.00	21.62 0.15 0.00	23.27 0.21 0.00	24.58 0.34 0.00	27.58 0.46 0.00	29.75 0.70 0.00	30.65 0.72 0.00	33.07 0.68 0.00	34.22 0.51 0.00	36.47 0.36 0.00	38.46 0.53 0.00	45.53 0.85 0.00	50.93 0.05 0.00	59.76 0.65 0.00	51.74 1.06 0.00	42.99 0.93 0.00	40.00 0.86 0.00	35.81 0.60 0.00	31.69 0.44 0.00	28.72 0.31 0.00
NEG NORTH_KES_CHATEGAY 23792	26.00 -0.32 0.00	22.96 -0.40 0.00	21.44 -0.46 0.00	20.63 -0.42 0.00	20.58 -0.25 0.00	21.08 -0.39 0.00	22.69 -0.37 0.00	23.97 -0.27 0.00	26.87 -0.24 0.00	28.93 -0.12 0.00	29.78 -0.15 0.00	32.20 -0.19 0.00	33.31 -0.40 0.00	35.60 -0.51 0.00	37.47 -0.46 0.00	44.32 -0.36 0.00	50.27 -0.61 0.00	58.99 -0.12 0.00	51.03 0.35 0.00	42.44 0.38 0.00	39.49 0.35 0.00	35.35 0.14 0.00	31.31 0.06 0.00	28.35 -0.06 0.00



NEG NORTH___ALICE_FALLS 23915	26.50 0.18 0.00	23.40 0.05 0.00	21.86 -0.04 0.00	20.99 -0.06 0.00	20.95 0.12 0.00	21.51 0.04 0.00	23.15 0.09 0.00	24.46 0.22 0.00	27.44 0.33 0.00	29.60 0.55 0.00	30.47 0.54 0.00	32.91 0.52 0.00	34.05 0.34 0.00	36.33 0.22 0.00	38.27 0.34 0.00	45.30 0.63 0.00	50.83 -0.05 0.00	59.70 0.59 0.00	51.69 1.01 0.00	42.99 0.93 0.00	40.00 0.86 0.00	35.77 0.56 0.00	31.63 0.38 0.00	28.66 0.26 0.00
NEG NORTH___LWR_SARANAC 23913	26.50 0.18 0.00	23.40 0.05 0.00	21.86 -0.04 0.00	20.99 -0.06 0.00	20.95 0.12 0.00	21.51 0.04 0.00	23.15 0.09 0.00	24.46 0.22 0.00	27.44 0.33 0.00	29.60 0.55 0.00	30.47 0.54 0.00	32.91 0.52 0.00	34.05 0.34 0.00	36.33 0.22 0.00	38.27 0.34 0.00	45.30 0.63 0.00	50.83 -0.05 0.00	59.70 0.59 0.00	51.69 1.01 0.00	42.99 0.93 0.00	40.00 0.86 0.00	35.77 0.56 0.00	31.63 0.38 0.00	28.66 0.26 0.00
NEG NORTH___PLATTSBURG 23628	26.50 0.19 0.00	23.40 0.05 0.00	21.86 -0.04 0.00	20.99 -0.06 0.00	20.99 0.17 0.00	21.51 0.04 0.00	23.15 0.09 0.00	24.46 0.22 0.00	27.44 0.33 0.00	29.60 0.55 0.00	30.47 0.54 0.00	32.91 0.52 0.00	34.05 0.34 0.00	36.43 0.32 0.00	38.27 0.34 0.00	45.30 0.63 0.00	50.78 -0.10 0.00	59.70 0.59 0.00	51.69 1.01 0.00	42.99 0.92 0.00	40.00 0.86 0.00	35.77 0.56 0.00	31.63 0.38 0.00	28.58 0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	26.23 -0.08 0.00	23.22 -0.14 0.00	21.60 -0.31 0.00	20.60 -0.48 -0.04	20.43 -0.40 0.00	21.19 -0.28 0.00	22.71 -0.35 0.00	23.66 -0.58 0.00	26.33 -0.79 0.00	28.76 -0.29 0.00	29.90 -0.03 0.00	31.13 -1.26 0.00	33.65 -0.07 0.00	35.57 -0.54 0.00	37.44 -0.49 0.00	43.38 -1.30 0.00	50.43 -0.46 0.00	57.93 -1.18 0.00	50.12 -0.56 0.00	42.07 0.00 0.00	39.10 -0.04 0.00	35.63 0.42 0.00	30.72 -0.53 0.00	28.98 0.57 0.00
NEG WEST___LANCASTR 23811	26.34 0.03 0.00	23.29 -0.07 0.00	21.73 -0.18 0.00	20.15 -0.95 -0.04	20.47 -0.35 0.00	21.28 -0.19 0.00	22.94 -0.12 0.00	24.02 -0.22 0.00	26.79 -0.33 0.00	29.17 0.12 0.00	30.29 0.36 0.00	31.84 -0.55 0.00	34.32 0.61 0.00	36.25 0.14 0.00	38.16 0.23 0.00	44.37 -0.31 0.00	51.49 0.61 0.00	59.11 0.00 0.00	50.98 0.30 0.00	42.70 0.63 0.00	39.61 0.47 0.00	36.13 0.92 0.00	31.25 0.00 0.00	29.26 0.85 0.00
NEG_PENN_ALLEGHNY 23528	26.81 0.50 0.00	23.78 0.42 0.00	22.28 0.37 0.00	21.38 0.25 -0.08	21.04 0.21 0.00	21.83 0.36 0.00	23.50 0.44 0.00	24.75 0.51 0.00	27.66 0.54 0.00	29.75 0.70 0.00	30.56 0.63 0.00	33.07 0.68 0.00	34.79 1.08 0.00	37.16 1.05 0.00	38.95 1.02 0.00	45.75 1.07 0.00	52.51 1.63 0.00	60.71 1.60 0.00	52.15 1.47 0.00	43.41 1.35 0.00	40.35 1.21 0.00	36.37 1.16 0.00	32.03 0.78 0.00	29.26 0.85 0.00
NEG___GEN_MONROE 24207	26.57 0.26 0.00	23.59 0.23 0.00	21.99 0.09 0.00	21.06 -0.02 -0.03	20.77 -0.06 0.00	21.56 0.09 0.00	23.15 0.09 0.00	24.24 0.00 0.00	27.01 -0.11 0.00	29.31 0.26 0.00	30.38 0.45 0.00	32.16 -0.23 0.00	34.32 0.61 0.00	36.47 0.36 0.00	38.23 0.30 0.00	44.59 -0.09 0.00	51.54 0.66 0.00	59.46 0.35 0.00	51.34 0.66 0.00	42.95 0.88 0.00	39.92 0.78 0.00	36.23 1.02 0.00	31.50 0.25 0.00	29.37 0.97 0.00
NEPA___ENERGY 23901	26.60 0.29 0.00	23.54 0.19 0.00	21.97 0.07 0.00	20.78 -0.32 -0.04	20.70 -0.12 0.00	21.53 0.06 0.00	23.22 0.16 0.00	24.41 0.17 0.00	27.23 0.11 0.00	29.60 0.55 0.00	30.77 0.84 0.00	32.32 -0.06 0.00	34.79 1.08 0.00	36.83 0.72 0.00	38.73 0.80 0.00	45.08 0.40 0.00	52.21 1.32 0.00	59.94 0.83 0.00	51.64 0.96 0.00	43.24 1.18 0.00	40.11 0.98 0.00	36.58 1.37 0.00	31.66 0.41 0.00	29.52 1.11 0.00
NEVERSINK___HYD 23608	28.02 1.71 0.00	24.81 1.45 0.00	23.20 1.29 0.00	22.54 1.26 -0.23	21.81 0.98 0.00	22.65 1.18 0.00	24.35 1.29 0.00	25.72 1.48 0.00	28.77 1.65 0.00	30.87 1.71 -0.11	32.01 1.92 -0.16	34.59 2.20 0.00	35.80 2.09 0.00	38.42 2.31 0.00	39.41 1.48 0.00	46.60 1.92 0.00	53.18 2.29 0.00	61.59 2.48 0.00	52.56 1.88 0.00	43.37 1.31 0.00	40.35 1.21 0.00	36.16 0.95 0.00	33.12 1.87 0.00	30.00 1.59 0.00
NEWKRMKL_115KV_TB1 55635	27.42 1.11 0.00	24.38 1.03 0.00	22.85 0.94 0.00	22.29 0.91 0.00	21.64 0.81 0.00	22.37 0.90 0.00	24.05 0.99 0.00	25.26 1.02 0.00	28.34 1.22 0.00	30.00 1.19 0.24	30.78 1.23 0.37	33.88 1.49 0.00	35.13 1.42 0.00	37.73 1.62 0.00	39.60 1.67 0.00	46.69 2.01 0.00	53.22 2.34 0.00	61.71 2.60 0.00	52.81 2.13 0.00	43.79 1.72 0.00	40.70 1.57 0.00	36.55 1.34 0.00	32.50 1.25 0.00	29.43 1.02 0.00
NEWTON___FALLS_HYD 23847	25.71 -0.61 0.00	22.75 -0.61 0.00	21.29 -0.61 0.00	20.47 -0.59 -0.01	20.31 -0.52 0.00	20.91 -0.56 0.00	22.48 -0.58 0.00	23.59 -0.65 0.00	26.36 -0.76 0.00	28.29 -0.76 0.00	29.12 -0.81 0.00	31.61 -0.78 0.00	32.84 -0.88 0.00	35.10 -1.01 0.00	36.87 -1.06 0.00	43.43 -1.25 0.00	49.41 -1.48 0.00	57.75 -1.36 0.00	49.82 -0.86 0.00	41.43 -0.63 0.00	38.59 -0.55 0.00	34.65 -0.56 0.00	30.66 -0.59 0.00	27.75 -0.65 0.00
NGRID_A1_DSASP 323792	25.63 -0.68 0.00	22.68 -0.68 0.00	21.36 -0.55 0.00	20.42 -0.67 -0.04	19.91 -0.92 0.00	20.70 -0.77 0.00	22.25 -0.81 0.00	23.15 -1.09 0.00	25.74 -1.38 0.00	28.12 -0.93 0.00	28.31 -1.62 0.00	30.54 -1.84 0.00	33.11 -0.61 0.00	35.10 -1.01 0.00	36.57 -1.36 0.00	42.40 -2.28 0.00	49.31 -1.58 0.00	56.68 -2.43 0.00	49.11 -1.57 0.00	41.22 -0.84 0.00	38.35 -0.78 0.00	34.82 -0.39 0.00	30.06 -1.19 0.00	28.46 0.06 0.00
NGRID_A2_DSASP 323793	25.63 -0.68 0.00	22.68 -0.68 0.00	21.36 -0.55 0.00	20.42 -0.67 -0.04	19.91 -0.92 0.00	20.70 -0.77 0.00	22.25 -0.81 0.00	23.15 -1.09 0.00	25.74 -1.38 0.00	28.12 -0.93 0.00	28.31 -1.62 0.00	30.54 -1.84 0.00	33.11 -0.61 0.00	35.10 -1.01 0.00	36.57 -1.36 0.00	42.40 -2.28 0.00	49.31 -1.58 0.00	56.68 -2.43 0.00	49.11 -1.57 0.00	41.22 -0.84 0.00	38.35 -0.78 0.00	34.82 -0.39 0.00	30.06 -1.19 0.00	28.46 0.06 0.00
NGRID_A4_DSASP 323807	25.63 -0.68 0.00	22.68 -0.68 0.00	21.33 -0.57 0.00	20.42 -0.67 -0.04	19.95 -0.87 0.00	20.70 -0.77 0.00	22.35 -0.71 0.00	23.15 -1.09 0.00	25.74 -1.38 0.00	28.15 -0.90 0.00	29.27 -0.66 0.00	30.35 -2.04 0.00	32.84 -0.88 0.00	34.67 -1.44 0.00	36.53 -1.40 0.00	42.31 -2.37 0.00	49.15 -1.73 0.00	56.51 -2.60 0.00	48.86 -1.82 0.00	40.97 -1.09 0.00	38.12 -1.02 0.00	34.79 -0.42 0.00	30.00 -1.25 0.00	28.38 -0.03 0.00
NIAGARA_115E_LBMP 323715	25.84 -0.47 0.00	22.91 -0.44 0.00	21.25 -0.66 0.00	20.27 -0.82 -0.04	20.12 -0.71 0.00	20.89 -0.58 0.00	22.25 -0.81 0.00	23.22 -1.02 0.00	25.82 -1.30 0.00	28.21 -0.84 0.00	28.40 -1.53 0.00	30.67 -1.72 0.00	33.21 -0.50 0.00	35.21 -0.90 0.00	36.71 -1.22 0.00	42.62 -2.05 0.00	49.56 -1.32 0.00	56.98 -2.13 0.00	49.36 -1.32 0.00	41.44 -0.63 0.00	38.55 -0.59 0.00	34.97 -0.24 0.00	30.19 -1.06 0.00	28.55 0.14 0.00

NIAGARA_115W_LBMP 323714	25.55 -0.76 0.00	22.61 -0.75 0.00	21.31 -0.59 0.00	20.37 -0.72 -0.04	19.85 -0.98 0.00	20.63 -0.84 0.00	22.21 -0.85 0.00	23.08 -1.16 0.00	25.65 -1.46 0.00	28.06 -0.99 0.00	28.22 -1.70 0.00	30.45 -1.94 0.00	33.00 -0.71 0.00	34.99 -1.12 0.00	36.49 -1.44 0.00	42.31 -2.37 0.00	49.21 -1.68 0.00	56.57 -2.54 0.00	48.96 -1.72 0.00	41.14 -0.93 0.00	38.24 -0.90 0.00	34.72 -0.49 0.00	29.97 -1.28 0.00	28.38 -0.03 0.00
NIAGARA_230_LBMP 323716	25.92 -0.39 0.00	22.94 -0.42 0.00	21.44 -0.46 0.00	20.48 -0.61 -0.04	20.14 -0.69 0.00	20.93 -0.54 0.00	22.46 -0.60 0.00	23.44 -0.80 0.00	26.06 -1.06 0.00	28.47 -0.58 0.00	28.67 -1.26 0.00	30.93 -1.46 0.00	33.48 -0.23 0.00	35.50 -0.61 0.00	37.02 -0.91 0.00	42.98 -1.70 0.00	49.91 -0.97 0.00	57.45 -1.65 0.00	49.72 -0.96 0.00	41.73 -0.34 0.00	38.78 -0.35 0.00	35.21 0.00 0.00	30.41 -0.84 0.00	28.75 0.34 0.00
NIAGARA__115KV_198_GIBSON 55903	25.55 -0.76 0.00	22.61 -0.75 0.00	21.29 -0.61 0.00	20.37 -0.72 -0.04	19.89 -0.94 0.00	20.63 -0.84 0.00	22.28 -0.78 0.00	23.08 -1.16 0.00	25.65 -1.46 0.00	28.06 -0.99 0.00	29.18 -0.75 0.00	30.28 -2.11 0.00	32.74 -0.98 0.00	34.56 -1.55 0.00	36.41 -1.52 0.00	42.18 -2.50 0.00	49.05 -1.83 0.00	56.33 -2.78 0.00	48.75 -1.93 0.00	40.89 -1.18 0.00	38.00 -1.13 0.00	34.68 -0.53 0.00	29.91 -1.34 0.00	28.32 -0.09 0.00
NIAGARA____ 23760	25.68 -0.63 0.00	22.73 -0.63 0.00	21.27 -0.64 0.00	20.31 -0.78 -0.04	19.95 -0.87 0.00	20.74 -0.73 0.00	22.23 -0.83 0.00	23.22 -1.02 0.00	25.82 -1.30 0.00	28.24 -0.81 0.00	28.43 -1.50 0.00	30.70 -1.69 0.00	33.24 -0.47 0.00	35.24 -0.87 0.00	36.75 -1.18 0.00	42.71 -1.96 0.00	49.66 -1.22 0.00	57.10 -2.01 0.00	49.41 -1.27 0.00	41.48 -0.59 0.00	38.55 -0.59 0.00	35.00 -0.21 0.00	30.16 -1.09 0.00	28.46 0.06 0.00
NINE_MILE_1 23575	25.60 -0.71 0.00	22.73 -0.63 0.00	21.33 -0.57 0.00	20.50 -0.57 -0.02	20.25 -0.58 0.00	20.91 -0.56 0.00	22.44 -0.62 0.00	23.56 -0.68 0.00	26.33 -0.79 0.00	28.24 -0.81 0.00	29.00 -0.93 0.00	31.39 -1.00 0.00	32.81 -0.91 0.00	35.06 -1.05 0.00	36.83 -1.10 0.00	43.34 -1.34 0.00	49.51 -1.37 0.00	57.39 -1.72 0.00	49.26 -1.42 0.00	40.97 -1.09 0.00	38.12 -1.02 0.00	34.33 -0.88 0.00	30.41 -0.84 0.00	27.73 -0.68 0.00
NINE_MILE_2 23744	25.60 -0.71 0.00	22.73 -0.63 0.00	21.33 -0.57 0.00	20.50 -0.57 -0.02	20.25 -0.58 0.00	20.91 -0.56 0.00	22.44 -0.62 0.00	23.56 -0.68 0.00	26.33 -0.79 0.00	28.24 -0.81 0.00	29.00 -0.93 0.00	31.39 -1.00 0.00	32.81 -0.91 0.00	35.06 -1.05 0.00	36.83 -1.10 0.00	43.34 -1.34 0.00	49.51 -1.37 0.00	57.39 -1.72 0.00	49.26 -1.42 0.00	40.97 -1.09 0.00	38.12 -1.02 0.00	34.33 -0.88 0.00	30.41 -0.84 0.00	27.73 -0.68 0.00
NM_CAPITAL____DRP 24208	27.44 1.13 0.00	24.41 1.05 0.00	22.87 0.96 0.00	22.31 0.93 -0.34	21.66 0.83 0.00	22.41 0.94 0.00	24.07 1.01 0.00	25.28 1.04 0.00	28.37 1.25 0.00	30.00 1.22 0.27	30.75 1.23 0.41	33.88 1.49 0.00	35.13 1.42 0.00	37.73 1.62 0.00	39.60 1.67 0.00	46.73 2.06 0.00	53.22 2.34 0.00	61.77 2.66 0.00	52.86 2.18 0.00	43.79 1.72 0.00	40.74 1.60 0.00	36.55 1.34 0.00	32.50 1.25 0.00	29.43 1.02 0.00
NM_CENTRAL____DRP 24181	26.18 -0.13 0.00	23.24 -0.12 0.00	21.77 -0.13 0.00	20.93 -0.15 -0.02	20.66 -0.17 0.00	21.36 -0.11 0.00	22.94 -0.12 0.00	24.14 -0.10 0.00	27.01 -0.11 0.00	28.99 -0.06 0.00	29.87 -0.06 0.00	32.23 -0.16 0.00	33.75 0.03 0.00	36.07 -0.04 0.00	37.89 -0.04 0.00	44.54 -0.13 0.00	50.99 0.10 0.00	59.05 -0.06 0.00	50.68 0.00 0.00	42.15 0.08 0.00	39.17 0.04 0.00	35.32 0.11 0.00	31.22 -0.03 0.00	28.44 0.03 0.00
NM_FRONTIER____DRP 24179	25.55 -0.76 0.00	22.61 -0.75 0.00	21.29 -0.61 0.00	20.37 -0.72 -0.04	19.89 -0.94 0.00	20.63 -0.84 0.00	22.28 -0.78 0.00	23.08 -1.16 0.00	25.65 -1.46 0.00	28.06 -0.99 0.00	29.18 -0.75 0.00	30.28 -2.11 0.00	32.74 -0.98 0.00	34.56 -1.55 0.00	36.41 -1.52 0.00	42.18 -2.50 0.00	49.05 -1.83 0.00	56.33 -2.78 0.00	48.75 -1.93 0.00	40.89 -1.18 0.00	38.00 -1.13 0.00	34.68 -0.53 0.00	29.91 -1.34 0.00	28.32 -0.09 0.00
NM_ST_REGIS____HYD 24053	25.31 -1.00 0.00	22.40 -0.96 0.00	20.94 -0.96 0.00	20.15 -0.91 0.00	20.06 -0.77 0.00	20.57 -0.90 0.00	22.11 -0.95 0.00	23.27 -0.97 0.00	26.03 -1.08 0.00	28.00 -1.05 0.00	28.88 -1.05 0.00	31.35 -1.04 0.00	32.43 -1.28 0.00	34.67 -1.44 0.00	36.41 -1.52 0.00	43.02 -1.65 0.00	48.75 -2.14 0.00	57.10 -2.01 0.00	49.31 -1.37 0.00	40.97 -1.09 0.00	38.16 -0.98 0.00	34.15 -1.06 0.00	30.25 -1.00 0.00	27.36 -1.05 0.00
NORTHPORT____1 23551	35.42 2.66 -6.45	32.05 2.36 -6.33	26.24 2.08 -2.26	23.27 1.94 -0.28	22.54 1.71 0.00	23.40 1.93 0.00	25.23 2.17 0.00	29.16 2.52 -2.40	34.21 2.90 -4.18	35.38 2.99 -3.34	33.30 3.02 -0.35	34.22 2.75 0.92	36.72 2.53 -0.48	44.01 3.07 -4.83	47.73 3.15 -6.66	50.33 3.80 -1.85	45.08 4.17 9.97	52.09 4.49 11.51	48.45 3.45 5.68	41.79 2.31 2.59	37.64 2.27 3.77	36.37 2.04 0.88	33.45 2.53 0.33	32.71 2.41 -1.89
NORTHPORT____2 23552	35.42 2.66 -6.45	32.05 2.36 -6.33	26.24 2.08 -2.26	23.27 1.94 -0.28	22.54 1.71 0.00	23.40 1.93 0.00	25.23 2.17 0.00	29.16 2.52 -2.40	34.21 2.90 -4.18	35.38 2.99 -3.34	33.30 3.02 -0.35	34.22 2.75 0.92	36.72 2.53 -0.48	44.01 3.07 -4.83	47.73 3.15 -6.66	50.33 3.80 -1.85	45.08 4.17 9.97	52.09 4.49 11.51	48.45 3.45 5.68	41.79 2.31 2.59	37.64 2.27 3.77	36.37 2.04 0.88	33.45 2.53 0.33	32.71 2.41 -1.89
NORTHPORT____3 23553	35.21 2.45 -6.45	31.84 2.15 -6.33	26.04 1.88 -2.26	23.12 1.79 -0.28	22.33 1.50 0.00	23.21 1.74 0.00	25.02 1.96 0.00	28.99 2.35 -2.40	34.07 2.77 -4.18	35.26 2.88 -3.34	33.04 2.75 -0.36	34.53 2.69 0.55	36.64 2.46 -0.47	43.94 3.00 -4.84	47.74 3.15 -6.67	50.32 3.80 -1.85	45.07 4.17 9.98	52.09 4.49 11.51	48.54 3.55 5.69	41.74 2.27 2.60	37.59 2.23 3.78	36.57 1.90 0.54	33.60 2.69 0.33	32.88 2.56 -1.92
NORTHPORT____4 23650	35.21 2.45 -6.45	31.84 2.15 -6.33	26.04 1.88 -2.26	23.12 1.79 -0.28	22.33 1.50 0.00	23.21 1.74 0.00	25.02 1.96 0.00	28.99 2.35 -2.40	34.07 2.77 -4.18	35.26 2.88 -3.34	33.04 2.75 -0.36	34.53 2.69 0.55	36.64 2.46 -0.47	43.94 3.00 -4.84	47.74 3.15 -6.67	50.32 3.80 -1.85	45.07 4.17 9.98	52.09 4.49 11.51	48.54 3.55 5.69	41.74 2.27 2.60	37.59 2.23 3.78	36.57 1.90 0.54	33.60 2.69 0.33	32.88 2.56 -1.92
NORTHPORT____IC 23718	35.42 2.66 -6.45	32.05 2.36 -6.33	26.24 2.08 -2.26	23.27 1.94 -0.28	22.54 1.71 0.00	23.40 1.93 0.00	25.23 2.17 0.00	29.16 2.52 -2.40	34.21 2.90 -4.18	35.38 2.99 -3.34	33.30 3.02 -0.35	34.22 2.75 0.92	36.72 2.53 -0.48	44.01 3.07 -4.83	47.73 3.15 -6.66	50.33 3.80 -1.85	45.08 4.17 9.97	52.09 4.49 11.51	48.45 3.45 5.68	41.79 2.31 2.59	37.64 2.27 3.77	36.37 2.04 0.88	33.45 2.53 0.33	32.71 2.41 -1.89

NORTH____COUNTRY_ESR 323785	25.92 -0.39 0.00	22.91 -0.44 0.00	21.40 -0.50 0.00	20.59 -0.46 0.00	20.58 -0.25 0.00	21.04 -0.43 0.00	22.65 -0.41 0.00	23.93 -0.32 0.00	26.82 -0.30 0.00	28.88 -0.17 0.00	29.75 -0.18 0.00	32.13 -0.26 0.00	33.27 -0.44 0.00	35.60 -0.51 0.00	37.40 -0.53 0.00	44.23 -0.45 0.00	50.12 -0.76 0.00	58.82 -0.29 0.00	50.88 0.20 0.00	42.28 0.21 0.00	39.37 0.24 0.00	35.25 0.04 0.00	31.22 -0.03 0.00	28.24 -0.17 0.00
NPX_GEN_1385_PROXY 323591	34.95 2.18 -6.45	31.70 2.01 -6.33	26.00 1.84 -2.26	22.99 1.66 -0.28	22.31 1.48 0.00	23.16 1.70 0.00	24.90 1.85 0.00	28.82 2.18 -2.40	33.74 2.44 -4.18	34.86 2.47 -3.34	32.88 2.60 -0.35	33.70 2.46 1.15	36.65 2.22 -0.71	43.76 2.82 -4.83	48.23 3.64 -6.66	51.00 4.47 -1.85	46.20 5.29 9.97	53.40 5.80 11.51	49.91 4.91 5.68	42.76 3.28 2.59	38.46 3.09 3.77	36.82 1.37 -0.23	31.87 2.06 1.44	32.14 1.85 -1.89
NPX_GEN_CSC 323557	35.66 2.89 -6.45	32.14 2.45 -6.33	26.33 2.17 -2.26	23.33 2.00 -0.28	22.79 1.96 0.00	23.66 2.19 0.00	25.53 2.47 0.00	29.20 2.57 -2.40	34.29 2.98 -4.18	35.47 3.08 -3.34	34.00 3.68 -0.39	40.15 3.69 -4.07	44.29 3.54 -7.04	50.43 4.04 -10.28	56.53 4.02 -14.58	96.10 4.83 -46.60	103.45 5.39 -47.18	127.15 5.97 -62.07	120.02 4.91 -64.42	92.87 3.41 -47.40	89.79 3.32 -47.33	50.71 3.06 -12.44	40.45 3.38 -5.82	34.71 2.95 -3.35
NSINS_S_GLNS_FALLS 23858	27.84 1.53 0.00	24.71 1.35 0.00	23.13 1.23 0.00	22.56 1.16 -0.35	21.91 1.08 0.00	22.71 1.25 0.00	24.44 1.38 0.00	25.74 1.50 0.00	28.85 1.74 0.00	30.49 1.71 0.27	30.99 1.47 0.41	34.11 1.72 0.00	35.26 1.55 0.00	37.88 1.77 0.00	39.71 1.78 0.00	46.96 2.28 0.00	54.14 3.26 0.00	62.89 3.78 0.00	53.82 3.14 0.00	44.80 2.73 0.00	41.84 2.70 0.00	37.50 2.29 0.00	33.16 1.91 0.00	29.94 1.53 0.00
NUCOR_STEEL____DRP 24197	26.68 0.37 0.00	23.68 0.33 0.00	22.17 0.26 0.00	21.31 0.23 -0.03	21.04 0.21 0.00	21.77 0.30 0.00	23.38 0.32 0.00	24.60 0.36 0.00	27.53 0.41 0.00	29.51 0.46 0.00	30.38 0.45 0.00	32.78 0.39 0.00	34.35 0.64 0.00	36.69 0.58 0.00	38.57 0.64 0.00	45.35 0.67 0.00	51.95 1.07 0.00	60.23 1.12 0.00	51.74 1.06 0.00	43.07 1.01 0.00	40.04 0.90 0.00	36.13 0.92 0.00	31.88 0.63 0.00	29.03 0.62 0.00
NUMBER_THREE_WT_PWR 323818	26.50 0.19 0.00	23.43 0.07 0.00	21.97 0.07 0.00	21.08 0.02 -0.01	20.87 0.04 0.00	21.56 0.09 0.00	23.20 0.14 0.00	24.31 0.07 0.00	27.12 0.00 0.00	29.08 0.03 0.00	29.93 0.00 0.00	32.55 0.16 0.00	33.92 0.20 0.00	36.15 0.04 0.00	38.00 0.08 0.00	44.68 0.00 0.00	51.09 0.20 0.00	59.53 0.42 0.00	51.34 0.66 0.00	42.70 0.63 0.00	39.76 0.62 0.00	35.77 0.56 0.00	31.59 0.34 0.00	28.61 0.20 0.00
NYISO_LBMP_REFERENCE 24008	26.31 0.00 0.00	23.36 0.00 0.00	21.90 0.00 0.00	21.05 0.00 0.00	20.83 0.00 0.00	21.47 0.00 0.00	23.06 0.00 0.00	24.24 0.00 0.00	27.12 0.00 0.00	29.05 0.00 0.00	29.93 0.00 0.00	32.39 0.00 0.00	33.71 0.00 0.00	36.11 0.00 0.00	37.93 0.00 0.00	44.68 0.00 0.00	50.88 0.00 0.00	59.11 0.00 0.00	50.68 0.00 0.00	42.07 0.00 0.00	39.14 0.00 0.00	35.21 0.00 0.00	31.25 0.00 0.00	28.41 0.00 0.00
NYPA_BRENTWD____GT 24164	35.92 3.16 -6.45	32.42 2.73 -6.33	26.57 2.41 -2.26	23.60 2.27 -0.28	22.85 2.02 0.00	23.72 2.25 0.00	25.60 2.54 0.00	29.54 2.91 -2.40	34.66 3.36 -4.18	35.90 3.51 -3.34	34.12 3.71 -0.48	49.94 3.53 -14.02	39.28 3.37 -2.20	46.33 3.90 -6.32	50.70 3.94 -8.83	63.30 4.56 -14.06	64.40 5.09 -8.43	73.77 5.55 -9.11	68.53 4.41 -13.44	56.18 3.07 -11.05	52.28 2.97 -10.17	52.35 2.89 -14.25	36.15 3.25 -1.65	35.16 3.12 -3.63
NYPA_GOWANUS____GT5 24156	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.78 5.62 -0.06	54.99 4.31 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NYPA_GOWANUS____GT6 24157	31.25 2.61 -2.34	25.51 2.15 -0.01	23.77 1.86 -0.01	23.24 1.92 -0.27	22.42 1.58 -0.01	23.19 1.72 0.00	24.84 1.78 0.00	26.62 2.38 0.00	38.00 2.82 -8.06	38.38 2.96 -6.37	35.84 3.29 -2.62	36.44 3.56 -0.49	36.95 3.24 0.00	39.85 3.68 -0.06	41.76 3.83 0.00	49.42 4.69 -0.06	56.13 5.19 -0.06	64.78 5.62 -0.06	54.99 4.31 0.00	45.13 3.07 0.00	42.15 3.01 0.00	37.98 2.71 -0.06	50.80 2.94 -16.61	32.63 2.58 -1.63
NYPA_HARLEM_RVR_GT1 24160	28.82 2.50 -0.01	25.49 2.13 -0.01	23.66 1.75 -0.01	23.23 1.92 -0.26	22.37 1.54 0.00	23.10 1.63 0.00	24.73 1.68 0.01	26.47 2.23 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.23 2.96 -0.34	35.64 3.24 -0.01	36.65 2.93 0.00	39.43 3.32 0.00	41.42 3.49 0.00	48.92 4.25 0.00	55.62 4.73 0.00	64.19 5.08 0.01	54.52 3.85 0.01	44.76 2.69 0.00	41.76 2.62 0.00	37.56 2.36 0.01	33.98 2.72 -0.01	30.92 2.50 -0.01
NYPA_HARLEM_RVR_GT2 24161	28.82 2.50 -0.01	25.49 2.13 -0.01	23.66 1.75 -0.01	23.23 1.92 -0.26	22.37 1.54 0.00	23.10 1.63 0.00	24.73 1.68 0.01	26.47 2.23 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.23 2.96 -0.34	35.64 3.24 -0.01	36.65 2.93 0.00	39.43 3.32 0.00	41.42 3.49 0.00	48.92 4.25 0.00	55.62 4.73 0.00	64.19 5.08 0.01	54.52 3.85 0.01	44.76 2.69 0.00	41.76 2.62 0.00	37.56 2.36 0.01	33.98 2.72 -0.01	30.92 2.50 -0.01
NYPA_KENT____GT 24152	30.18 2.53 -1.34	25.46 2.10 0.00	23.72 1.82 0.00	23.19 1.87 -0.27	22.37 1.54 0.00	23.16 1.70 0.00	24.84 1.78 0.00	26.59 2.35 0.00	35.07 2.77 -5.18	36.13 2.90 -4.17	34.97 3.23 -1.80	36.17 3.47 -0.31	36.88 3.17 0.00	39.72 3.58 -0.03	41.68 3.76 0.00	49.27 4.56 -0.03	55.95 5.04 -0.03	64.58 5.43 -0.03	54.84 4.16 0.00	45.01 2.94 0.00	42.03 2.90 0.00	37.85 2.61 -0.03	43.61 2.84 -9.52	31.87 2.53 -0.94
NYPA_POUCH1____GT 24155	31.70 2.53 -2.86	25.47 2.10 -0.01	23.73 1.82 -0.01	23.19 1.87 -0.27	22.38 1.54 -0.01	23.12 1.65 0.00	24.77 1.71 0.00	26.55 2.30 0.00	40.03 2.77 -10.14	39.85 2.85 -7.96	35.17 3.20 -2.03	36.18 3.43 -0.36	36.81 3.10 0.00	39.68 3.54 -0.03	41.64 3.72 0.00	49.32 4.56 -0.09	56.01 5.04 -0.09	64.69 5.50 -0.09	54.89 4.20 0.00	44.96 2.90 0.00	42.03 2.90 0.00	37.94 2.64 -0.09	57.38 2.87 -23.26	32.93 2.53 -2.00
NYPA_VERNON____GT2 24162	29.13 2.47 -0.35	25.41 2.06 0.00	23.68 1.77 0.00	23.15 1.83 -0.26	22.33 1.50 0.00	23.14 1.68 0.00	24.84 1.78 0.00	26.55 2.30 0.00	32.13 2.71 -2.30	33.87 2.85 -1.97	34.09 3.17 -0.99	35.92 3.40 -0.13	36.81 3.10 0.00	39.62 3.50 -0.01	41.57 3.64 0.00	49.11 4.42 -0.01	55.83 4.93 -0.01	64.44 5.32 -0.01	54.74 4.06 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.72 2.50 -0.01	36.42 2.75 -2.42	31.12 2.47 -0.24

NYPA_VERNON____GT3 24163	29.13 2.47 -0.35	25.41 2.06 0.00	23.68 1.77 0.00	23.15 1.83 -0.26	22.33 1.50 0.00	23.14 1.68 0.00	24.84 1.78 0.00	26.55 2.30 0.00	32.13 2.71 -2.30	33.87 2.85 -1.97	34.09 3.17 -0.99	35.92 3.40 -0.13	36.81 3.10 0.00	39.62 3.50 -0.01	41.57 3.64 0.00	49.11 4.42 -0.01	55.83 4.93 -0.01	64.44 5.32 -0.01	54.74 4.06 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.72 2.50 -0.01	36.42 2.75 -2.42	31.12 2.47 -0.24
NYPA____ASTORIA_CC1 323568	28.79 2.47 -0.01	25.39 2.03 0.00	23.63 1.73 0.00	23.12 1.81 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.79 1.73 0.00	26.52 2.28 0.00	30.94 2.69 -1.14	32.93 2.79 -1.09	33.70 3.11 -0.66	35.79 3.34 -0.06	36.75 3.04 0.00	39.54 3.43 0.00	41.53 3.61 0.00	49.06 4.38 0.00	55.72 4.84 0.00	64.31 5.20 0.00	54.64 3.96 0.00	44.88 2.82 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.98 2.72 -0.01	30.86 2.44 -0.01
NYPA____ASTORIA_CC2 323569	28.79 2.47 -0.01	25.39 2.03 0.00	23.63 1.73 0.00	23.12 1.81 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.79 1.73 0.00	26.52 2.28 0.00	30.94 2.69 -1.14	32.93 2.79 -1.09	33.70 3.11 -0.66	35.79 3.34 -0.06	36.75 3.04 0.00	39.54 3.43 0.00	41.53 3.61 0.00	49.06 4.38 0.00	55.72 4.84 0.00	64.31 5.20 0.00	54.64 3.96 0.00	44.88 2.82 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.98 2.72 -0.01	30.86 2.44 -0.01
NYPA____HOLTSVILL 23794	35.74 2.97 -6.45	32.24 2.55 -6.33	26.42 2.26 -2.26	23.44 2.10 -0.28	22.74 1.92 0.00	23.62 2.15 0.00	25.46 2.40 0.00	29.33 2.69 -2.40	34.34 3.04 -4.18	35.55 3.17 -3.34	33.79 3.47 -0.39	39.99 3.34 -4.26	43.60 3.17 -6.72	49.99 3.68 -10.20	56.15 3.76 -14.47	95.12 4.51 -45.93	107.19 4.99 -51.31	123.74 5.38 -59.26	118.37 4.31 -63.38	91.75 3.03 -46.66	88.68 2.97 -46.57	49.05 2.67 -11.17	41.21 3.12 -6.83	34.72 2.98 -3.33
NYPA____HELLGATE_GT1 24158	28.82 2.50 -0.01	25.49 2.13 -0.01	23.66 1.75 -0.01	23.23 1.92 -0.26	22.37 1.54 0.00	23.10 1.63 0.00	24.73 1.68 0.01	26.47 2.23 0.00	29.70 2.58 -0.01	31.98 2.70 -0.23	33.29 3.02 -0.34	35.70 3.31 -0.01	36.71 3.00 0.00	39.43 3.32 0.00	41.42 3.49 0.00	48.92 4.25 0.00	55.62 4.73 0.00	64.19 5.08 0.01	54.52 3.85 0.01	44.76 2.69 0.00	41.76 2.62 0.00	37.56 2.36 0.01	33.98 2.72 -0.01	30.92 2.50 -0.01
NYPA____HELLGATE_GT2 24159	28.82 2.50 -0.01	25.49 2.13 -0.01	23.66 1.75 -0.01	23.23 1.92 -0.26	22.37 1.54 0.00	23.10 1.63 0.00	24.73 1.68 0.01	26.47 2.23 0.00	29.70 2.58 -0.01	31.98 2.70 -0.23	33.29 3.02 -0.34	35.70 3.31 -0.01	36.71 3.00 0.00	39.43 3.32 0.00	41.42 3.49 0.00	48.92 4.25 0.00	55.62 4.73 0.00	64.19 5.08 0.01	54.52 3.85 0.01	44.76 2.69 0.00	41.76 2.62 0.00	37.56 2.36 0.01	33.98 2.72 -0.01	30.92 2.50 -0.01
NYS_BARGE____HYD 23848	26.23 -0.08 0.00	23.24 -0.12 0.00	21.60 -0.31 0.00	20.61 -0.48 -0.04	20.39 -0.44 0.00	21.19 -0.28 0.00	22.65 -0.41 0.00	23.66 -0.58 0.00	26.33 -0.79 0.00	28.73 -0.32 0.00	28.97 -0.96 0.00	31.29 -1.10 0.00	33.88 0.17 0.00	35.93 -0.18 0.00	37.48 -0.45 0.00	43.47 -1.20 0.00	50.58 -0.30 0.00	58.22 -0.89 0.00	50.38 -0.30 0.00	42.36 0.30 0.00	39.33 0.20 0.00	35.70 0.49 0.00	30.78 -0.47 0.00	29.03 0.62 0.00
OAK ORCHARD____HYD 24046	26.47 0.16 0.00	23.45 0.09 0.00	21.93 0.02 0.00	21.00 -0.08 -0.03	20.68 -0.14 0.00	21.45 -0.02 0.00	23.01 -0.05 0.00	24.17 -0.07 0.00	26.98 -0.13 0.00	29.25 0.20 0.00	29.75 -0.18 0.00	32.13 -0.26 0.00	34.29 0.57 0.00	36.54 0.43 0.00	38.23 0.30 0.00	44.68 0.00 0.00	51.69 0.81 0.00	59.70 0.59 0.00	51.44 0.76 0.00	43.07 1.01 0.00	40.00 0.86 0.00	36.09 0.88 0.00	31.44 0.19 0.00	29.18 0.77 0.00
OAKDALE____35_KV_LOAD 356122	26.71 0.39 0.00	23.68 0.33 0.00	22.19 0.28 0.00	21.28 0.15 -0.08	21.00 0.17 0.00	21.77 0.30 0.00	23.41 0.35 0.00	24.63 0.39 0.00	27.53 0.41 0.00	29.60 0.55 0.00	30.53 0.60 0.00	32.88 0.49 0.00	34.52 0.81 0.00	36.87 0.76 0.00	38.73 0.80 0.00	45.48 0.80 0.00	52.16 1.27 0.00	60.29 1.18 0.00	51.74 1.06 0.00	43.07 1.01 0.00	40.04 0.90 0.00	36.13 0.92 0.00	31.84 0.59 0.00	29.09 0.68 0.00
OCC_CHEM____DRP 24175	25.63 -0.68 0.00	22.68 -0.68 0.00	21.33 -0.57 0.00	20.42 -0.67 -0.04	19.95 -0.87 0.00	20.70 -0.77 0.00	22.35 -0.71 0.00	23.15 -1.09 0.00	25.74 -1.38 0.00	28.15 -0.90 0.00	29.27 -0.66 0.00	30.35 -2.04 0.00	32.84 -0.88 0.00	34.67 -1.44 0.00	36.53 -1.40 0.00	42.31 -2.37 0.00	49.15 -1.73 0.00	56.51 -2.60 0.00	48.86 -1.82 0.00	40.97 -1.09 0.00	38.12 -1.02 0.00	34.79 -0.42 0.00	30.00 -1.25 0.00	28.38 -0.03 0.00
OH_GEN_PROXY 24063	25.92 -0.39 0.00	22.94 -0.42 0.00	21.44 -0.46 0.00	20.48 -0.61 -0.04	20.14 -0.69 0.00	20.95 -0.52 0.00	22.48 -0.58 0.00	23.46 -0.78 0.00	26.09 -1.03 0.00	28.50 -0.55 0.00	28.73 -1.20 0.00	30.80 -1.36 0.23	33.78 -0.17 -0.23	35.57 -0.54 0.00	37.09 -0.83 0.00	43.07 -1.61 0.00	50.07 -0.82 0.00	57.57 -1.54 0.00	49.82 -0.86 0.00	41.81 -0.25 0.00	38.86 -0.27 0.00	36.36 0.04 -1.11	29.36 -0.78 1.11	28.75 0.34 0.00
OLIN_CORP_DRP 24177	25.86 -0.45 0.00	22.94 -0.42 0.00	21.27 -0.64 0.00	20.31 -0.78 -0.04	20.18 -0.65 0.00	20.91 -0.56 0.00	22.37 -0.69 0.00	23.27 -0.97 0.00	25.87 -1.25 0.00	28.26 -0.78 0.00	29.42 -0.51 0.00	30.54 -1.85 0.00	33.01 -0.71 0.00	34.88 -1.23 0.00	36.75 -1.18 0.00	42.58 -2.10 0.00	49.51 -1.37 0.00	56.92 -2.19 0.00	49.21 -1.47 0.00	41.31 -0.76 0.00	38.39 -0.74 0.00	35.00 -0.21 0.00	30.19 -1.06 0.00	28.52 0.11 0.00
OLIN_CORP_DSASP 323712	25.63 -0.68 0.00	22.68 -0.68 0.00	21.36 -0.55 0.00	20.42 -0.67 -0.04	19.91 -0.92 0.00	20.70 -0.77 0.00	22.25 -0.81 0.00	23.15 -1.09 0.00	25.74 -1.38 0.00	28.12 -0.93 0.00	28.31 -1.62 0.00	30.54 -1.84 0.00	33.11 -0.61 0.00	35.10 -1.01 0.00	36.57 -1.36 0.00	42.40 -2.28 0.00	49.31 -1.58 0.00	56.68 -2.43 0.00	49.11 -1.57 0.00	41.22 -0.84 0.00	38.35 -0.78 0.00	34.82 -0.39 0.00	30.06 -1.19 0.00	28.46 0.06 0.00
ONEIDA_HERK_LFGE 323681	26.73 0.42 0.00	23.66 0.30 0.00	22.19 0.28 0.00	21.29 0.23 -0.01	21.06 0.23 0.00	21.77 0.30 0.00	23.41 0.35 0.00	24.58 0.34 0.00	27.44 0.33 0.00	29.43 0.38 0.00	30.32 0.39 0.00	32.97 0.58 0.00	34.35 0.64 0.00	36.61 0.51 0.00	38.50 0.57 0.00	45.30 0.63 0.00	51.75 0.86 0.00	60.17 1.07 0.00	51.75 1.07 0.00	42.99 0.92 0.00	40.00 0.86 0.00	35.98 0.77 0.00	31.81 0.56 0.00	28.83 0.43 0.00
ONEIDA____115KV_TB4 55905	27.00 0.68 0.00	23.89 0.54 0.00	22.41 0.50 0.00	21.49 0.42 -0.01	21.22 0.40 0.00	21.98 0.52 0.00	23.64 0.58 0.00	24.82 0.58 0.00	27.74 0.62 0.00	29.75 0.70 0.00	30.71 0.78 0.00	33.26 0.87 0.00	34.76 1.05 0.00	37.16 1.05 0.00	38.99 1.06 0.00	45.84 1.16 0.00	52.46 1.58 0.00	60.94 1.83 0.00	52.35 1.67 0.00	43.50 1.43 0.00	40.47 1.33 0.00	36.41 1.20 0.00	32.13 0.88 0.00	29.17 0.77 0.00

ONONDAGA_REF_OCCRA 23987	26.29 -0.03 0.00	23.33 -0.02 0.00	21.86 -0.04 0.00	21.02 -0.06 -0.03	20.75 -0.08 0.00	21.45 -0.02 0.00	23.06 0.00 0.00	24.24 0.00 0.00	27.12 0.00 0.00	29.11 0.06 0.00	29.99 0.06 0.00	32.36 -0.03 0.00	33.88 0.17 0.00	36.25 0.14 0.00	38.04 0.11 0.00	44.77 0.09 0.00	51.24 0.36 0.00	59.35 0.24 0.00	50.93 0.25 0.00	42.36 0.29 0.00	39.37 0.23 0.00	35.49 0.28 0.00	31.38 0.12 0.00	28.55 0.14 0.00
ONONDAGA___COGEN 23986	26.36 0.05 0.00	23.40 0.05 0.00	21.93 0.02 0.00	21.08 0.00 -0.03	20.81 -0.02 0.00	21.51 0.04 0.00	23.11 0.05 0.00	24.29 0.05 0.00	27.15 0.03 0.00	29.11 0.06 0.00	29.99 0.06 0.00	32.36 -0.03 0.00	33.88 0.17 0.00	36.22 0.11 0.00	38.04 0.11 0.00	44.72 0.04 0.00	51.19 0.31 0.00	59.29 0.18 0.00	50.88 0.20 0.00	42.32 0.25 0.00	39.37 0.23 0.00	35.53 0.32 0.00	31.41 0.16 0.00	28.58 0.17 0.00
ONTARIO___LFGE 23819	26.71 0.40 0.00	23.66 0.30 0.00	22.12 0.22 0.00	21.17 0.08 -0.04	20.89 0.06 0.00	21.73 0.26 0.00	23.36 0.30 0.00	24.65 0.41 0.00	27.53 0.41 0.00	29.72 0.67 0.00	30.35 0.42 0.00	33.00 0.61 0.00	34.76 1.05 0.00	36.94 0.83 0.00	38.73 0.80 0.00	45.39 0.71 0.00	52.41 1.53 0.00	60.59 1.48 0.00	52.20 1.52 0.00	43.62 1.56 0.00	40.47 1.33 0.00	36.44 1.23 0.00	32.03 0.78 0.00	29.37 0.97 0.00
ORANGEVILLE_WT_PWR 323706	26.52 0.21 0.00	23.47 0.12 0.00	21.95 0.04 0.00	20.89 -0.21 -0.05	20.64 -0.19 0.00	21.49 0.02 0.00	23.06 0.00 0.00	24.22 -0.02 0.00	26.98 -0.13 0.00	29.31 0.26 0.00	29.72 -0.21 0.00	32.13 -0.26 0.00	34.52 0.81 0.00	36.65 0.54 0.00	38.27 0.34 0.00	44.54 -0.13 0.00	51.65 0.76 0.00	59.47 0.36 0.00	51.39 0.71 0.00	43.07 1.01 0.00	40.00 0.86 0.00	36.23 1.02 0.00	31.44 0.19 0.00	29.37 0.97 0.00
ORANGEVILLE___ESR 323794	26.52 0.21 0.00	23.47 0.12 0.00	21.95 0.04 0.00	20.89 -0.21 -0.05	20.64 -0.19 0.00	21.49 0.02 0.00	23.06 0.00 0.00	24.22 -0.02 0.00	26.98 -0.13 0.00	29.31 0.26 0.00	29.72 -0.21 0.00	32.13 -0.26 0.00	34.52 0.81 0.00	36.65 0.54 0.00	38.27 0.34 0.00	44.54 -0.13 0.00	51.65 0.76 0.00	59.47 0.36 0.00	51.39 0.71 0.00	43.07 1.01 0.00	40.00 0.86 0.00	36.23 1.02 0.00	31.44 0.19 0.00	29.37 0.97 0.00
OSWEGATCHIE___HYD 24044	25.71 -0.60 0.00	22.75 -0.61 0.00	21.31 -0.59 0.00	20.47 -0.59 -0.01	20.33 -0.50 0.00	20.91 -0.56 0.00	22.48 -0.58 0.00	23.59 -0.65 0.00	26.36 -0.76 0.00	28.27 -0.78 0.00	29.12 -0.81 0.00	31.61 -0.78 0.00	32.84 -0.88 0.00	35.06 -1.05 0.00	36.87 -1.06 0.00	43.43 -1.25 0.00	49.41 -1.48 0.00	57.75 -1.36 0.00	49.82 -0.86 0.00	41.44 -0.63 0.00	38.59 -0.55 0.00	34.65 -0.56 0.00	30.66 -0.59 0.00	27.73 -0.68 0.00
OSWEGO___5 23606	25.86 -0.45 0.00	22.96 -0.40 0.00	21.55 -0.35 0.00	20.71 -0.36 -0.02	20.43 -0.40 0.00	21.12 -0.34 0.00	22.67 -0.39 0.00	23.81 -0.44 0.00	26.60 -0.52 0.00	28.47 -0.58 0.00	29.21 -0.72 0.00	31.61 -0.78 0.00	33.04 -0.67 0.00	35.31 -0.79 0.00	37.09 -0.83 0.00	43.61 -1.07 0.00	49.87 -1.02 0.00	57.87 -1.24 0.00	49.67 -1.01 0.00	41.31 -0.76 0.00	38.39 -0.74 0.00	34.65 -0.56 0.00	30.72 -0.53 0.00	28.01 -0.40 0.00
OSWEGO___6 23613	25.86 -0.45 0.00	22.96 -0.40 0.00	21.55 -0.35 0.00	20.71 -0.36 -0.02	20.43 -0.40 0.00	21.12 -0.34 0.00	22.67 -0.39 0.00	23.81 -0.44 0.00	26.60 -0.52 0.00	28.47 -0.58 0.00	29.21 -0.72 0.00	31.61 -0.78 0.00	33.04 -0.67 0.00	35.31 -0.79 0.00	37.09 -0.83 0.00	43.61 -1.07 0.00	49.87 -1.02 0.00	57.87 -1.24 0.00	49.67 -1.01 0.00	41.31 -0.76 0.00	38.39 -0.74 0.00	34.65 -0.56 0.00	30.72 -0.53 0.00	28.01 -0.40 0.00
OUTOKUMPU-AB___DRP 24206	26.34 0.03 0.00	23.31 -0.05 0.00	21.79 -0.11 0.00	20.75 -0.34 -0.04	20.50 -0.33 0.00	21.25 -0.21 0.00	22.90 -0.16 0.00	23.83 -0.41 0.00	26.55 -0.57 0.00	28.96 -0.09 0.00	30.14 0.21 0.00	31.39 -1.00 0.00	33.95 0.24 0.00	35.89 -0.22 0.00	37.78 -0.15 0.00	43.65 -1.03 0.00	50.73 -0.15 0.00	58.28 -0.83 0.00	50.38 -0.30 0.00	42.28 0.21 0.00	39.25 0.12 0.00	35.95 0.74 0.00	30.94 -0.31 0.00	29.17 0.77 0.00
OXBOW____ 24026	26.05 -0.26 0.00	23.05 -0.30 0.00	21.64 -0.26 0.00	20.65 -0.44 -0.04	20.22 -0.60 0.00	21.02 -0.45 0.00	22.57 -0.49 0.00	23.54 -0.70 0.00	26.20 -0.92 0.00	28.61 -0.43 0.00	28.85 -1.08 0.00	31.13 -1.26 0.00	33.75 0.03 0.00	35.78 -0.33 0.00	37.32 -0.61 0.00	43.20 -1.47 0.00	50.22 -0.66 0.00	57.75 -1.36 0.00	50.02 -0.66 0.00	42.02 -0.04 0.00	39.06 -0.08 0.00	35.49 0.28 0.00	30.63 -0.62 0.00	28.92 0.51 0.00
OXY_CHEM_DSASP 323612	25.63 -0.68 0.00	22.68 -0.68 0.00	21.33 -0.57 0.00	20.42 -0.67 -0.04	19.95 -0.87 0.00	20.70 -0.77 0.00	22.35 -0.71 0.00	23.15 -1.09 0.00	25.74 -1.38 0.00	28.15 -0.90 0.00	29.27 -0.66 0.00	30.35 -2.04 0.00	32.84 -0.88 0.00	34.67 -1.44 0.00	36.53 -1.40 0.00	42.31 -2.37 0.00	49.15 -1.73 0.00	56.51 -2.60 0.00	48.86 -1.82 0.00	40.97 -1.09 0.00	38.12 -1.02 0.00	34.79 -0.42 0.00	30.00 -1.25 0.00	28.38 -0.03 0.00
OZONE_PARK_ESR 323760	28.97 2.66 0.00	25.55 2.20 0.00	23.87 1.97 0.00	23.25 1.94 -0.26	22.52 1.69 0.00	23.32 1.85 0.00	25.02 1.96 0.00	26.76 2.52 0.00	29.99 2.87 0.00	32.27 2.99 -0.23	33.42 3.14 -0.34	36.05 3.66 0.00	37.15 3.44 0.00	39.97 3.86 0.00	41.91 3.98 0.00	49.68 5.00 0.00	56.53 5.65 0.00	65.26 6.15 0.00	55.55 4.87 0.00	45.64 3.58 0.00	42.42 3.29 0.00	38.06 2.85 0.00	34.28 3.03 0.00	31.05 2.64 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.63 -0.68 0.00	22.68 -0.68 0.00	21.33 -0.57 0.00	20.42 -0.67 -0.04	19.95 -0.87 0.00	20.70 -0.77 0.00	22.35 -0.71 0.00	23.15 -1.09 0.00	25.74 -1.38 0.00	28.15 -0.90 0.00	29.27 -0.66 0.00	30.35 -2.04 0.00	32.84 -0.88 0.00	34.67 -1.44 0.00	36.53 -1.40 0.00	42.31 -2.37 0.00	49.15 -1.73 0.00	56.51 -2.60 0.00	48.86 -1.82 0.00	40.97 -1.09 0.00	38.12 -1.02 0.00	34.79 -0.42 0.00	30.00 -1.25 0.00	28.38 -0.03 0.00
PACKARD___115KV_DUPONT_184 80571	25.63 -0.68 0.00	22.68 -0.68 0.00	21.33 -0.57 0.00	20.42 -0.67 -0.04	19.95 -0.87 0.00	20.70 -0.77 0.00	22.35 -0.71 0.00	23.15 -1.09 0.00	25.74 -1.38 0.00	28.15 -0.90 0.00	29.27 -0.66 0.00	30.35 -2.04 0.00	32.84 -0.88 0.00	34.67 -1.44 0.00	36.53 -1.40 0.00	42.31 -2.37 0.00	49.15 -1.73 0.00	56.51 -2.60 0.00	48.86 -1.82 0.00	40.97 -1.09 0.00	38.12 -1.02 0.00	34.79 -0.42 0.00	30.00 -1.25 0.00	28.38 -0.03 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.82 2.50 -0.01	25.49 2.13 -0.01	23.82 1.91 -0.01	23.10 1.79 -0.26	22.39 1.56 0.00	23.01 1.55 0.00	24.67 1.61 0.00	26.57 2.33 0.00	29.70 2.58 -0.01	31.95 2.67 -0.23	33.05 2.78 -0.34	35.67 3.27 -0.01	36.78 3.07 0.00	39.61 3.50 0.00	41.49 3.57 0.00	49.28 4.60 0.00	55.97 5.09 0.00	64.19 5.08 0.00	54.53 3.85 0.00	44.93 2.86 0.00	41.91 2.78 0.00	37.53 2.32 0.00	33.95 2.69 -0.01	30.89 2.47 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.16 2.84 -0.01	25.77 2.41 -0.01	24.10 2.19 -0.01	23.38 2.06 -0.26	22.66 1.83 0.00	23.27 1.80 0.00	24.93 1.87 0.00	26.84 2.59 0.00	30.00 2.87 -0.01	32.27 2.99 -0.23	33.38 3.11 -0.34	36.22 3.82 -0.01	37.32 3.61 0.00	40.23 4.12 0.00	41.91 3.98 0.00	49.77 5.09 0.00	56.58 5.70 0.00	64.90 5.79 0.00	55.14 4.46 0.00	45.43 3.37 0.00	42.38 3.25 0.00	37.96 2.75 0.00	34.35 3.09 -0.01	31.26 2.84 -0.01
PATROON__115KV_TB1 80586	27.47 1.16 0.00	24.43 1.07 0.00	22.89 0.99 0.00	22.34 0.95 -0.34	21.70 0.87 0.00	22.44 0.97 0.00	24.10 1.04 0.00	25.33 1.09 0.00	28.42 1.30 0.00	30.08 1.28 0.25	30.84 1.29 0.38	33.98 1.59 0.00	35.23 1.52 0.00	37.84 1.73 0.00	39.67 1.74 0.00	46.82 2.14 0.00	53.38 2.49 0.00	61.89 2.78 0.00	52.96 2.28 0.00	43.92 1.85 0.00	40.82 1.68 0.00	36.65 1.44 0.00	32.56 1.31 0.00	29.49 1.08 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.47 0.16 0.00	23.40 0.05 0.00	21.82 -0.09 0.00	20.40 -0.69 -0.04	20.58 -0.25 0.00	21.38 -0.09 0.00	23.04 -0.02 0.00	24.10 -0.15 0.00	26.87 -0.24 0.00	29.28 0.23 0.00	30.44 0.51 0.00	31.94 -0.45 0.00	34.46 0.74 0.00	36.47 0.36 0.00	38.35 0.42 0.00	44.59 -0.09 0.00	51.75 0.87 0.00	59.46 0.35 0.00	51.34 0.66 0.00	42.99 0.93 0.00	39.88 0.74 0.00	36.37 1.16 0.00	31.41 0.16 0.00	29.43 1.02 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.55 2.24 0.00	25.27 1.92 0.00	23.66 1.75 0.00	23.00 1.68 -0.27	22.27 1.44 0.00	23.04 1.57 0.00	24.77 1.71 0.00	26.28 2.04 0.00	29.48 2.36 0.00	31.71 2.47 -0.19	32.59 2.36 -0.29	35.24 2.85 0.00	36.51 2.80 0.00	39.32 3.21 0.00	41.23 3.30 0.00	48.79 4.11 0.00	55.62 4.73 0.00	64.49 5.38 0.00	54.94 4.26 0.00	45.35 3.28 0.00	42.11 2.97 0.00	37.67 2.46 0.00	33.63 2.38 0.00	30.57 2.16 0.00
PEEKSKILL____ 23653	28.26 1.95 0.00	25.04 1.68 0.00	23.39 1.49 0.00	22.78 1.47 -0.26	22.04 1.21 0.00	22.89 1.42 0.00	24.61 1.55 0.00	26.13 1.89 0.00	29.29 2.17 0.00	31.51 2.24 -0.22	32.75 2.48 -0.34	35.08 2.69 0.00	36.24 2.53 0.00	38.96 2.85 0.00	40.92 3.00 0.00	48.38 3.71 0.00	55.10 4.22 0.00	63.72 4.61 0.00	54.28 3.60 0.00	44.67 2.61 0.00	41.52 2.39 0.00	37.29 2.08 0.00	33.40 2.15 0.00	30.31 1.90 0.00
PGE MADISON__WINDPWR 24146	28.44 2.13 0.00	25.09 1.73 0.00	23.55 1.64 0.00	22.56 1.43 -0.07	22.20 1.37 0.00	23.12 1.65 0.00	24.93 1.87 0.00	26.06 1.82 0.00	28.96 1.84 0.00	31.03 1.98 0.00	31.85 1.92 0.00	34.62 2.23 0.00	36.27 2.56 0.00	38.67 2.56 0.00	40.62 2.69 0.00	47.76 3.08 0.00	55.06 4.17 0.00	64.08 4.97 0.00	55.50 4.82 0.00	46.31 4.25 0.00	43.17 4.03 0.00	38.84 3.63 0.00	33.94 2.69 0.00	30.79 2.39 0.00
PIERCEFIELD__HYD 23852	25.13 -1.18 0.00	22.26 -1.10 0.00	20.83 -1.07 0.00	20.02 -1.03 0.00	19.93 -0.90 0.00	20.44 -1.03 0.00	21.98 -1.08 0.00	23.10 -1.14 0.00	25.82 -1.30 0.00	27.77 -1.28 0.00	28.61 -1.32 0.00	31.09 -1.30 0.00	32.20 -1.52 0.00	34.41 -1.70 0.00	36.11 -1.82 0.00	42.67 -2.01 0.00	48.34 -2.54 0.00	56.57 -2.54 0.00	48.80 -1.88 0.00	40.55 -1.51 0.00	37.77 -1.37 0.00	33.84 -1.37 0.00	29.97 -1.28 0.00	27.10 -1.31 0.00
PINELAWN_CC_1 323563	35.76 3.00 -6.45	32.28 2.59 -6.33	26.44 2.28 -2.26	23.48 2.15 -0.28	22.70 1.88 0.00	23.60 2.13 0.00	25.44 2.38 0.00	29.42 2.79 -2.40	34.53 3.23 -4.18	35.76 3.37 -3.34	33.87 3.56 -0.38	38.10 3.50 -2.21	38.11 3.04 -1.36	45.29 3.58 -5.60	49.47 3.76 -7.78	57.16 4.33 -8.15	60.68 4.84 -4.96	67.21 5.26 -2.84	59.02 4.16 -4.18	49.41 2.90 -4.44	45.45 2.90 -3.42	40.17 2.67 -2.28	35.25 3.31 -0.69	33.70 3.04 -2.25
PJM_GEN_HTP_PROXY 323702	28.57 2.26 0.00	25.25 1.89 0.00	23.57 1.66 0.00	23.00 1.68 -0.26	22.22 1.40 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.45 2.21 0.00	29.64 2.52 0.00	31.92 2.64 -0.23	33.24 2.96 -0.34	35.34 3.18 0.23	36.88 2.93 -0.23	39.39 3.29 0.00	41.38 3.45 0.00	48.92 4.25 0.00	55.72 4.84 0.00	64.31 5.20 0.00	54.74 4.06 0.00	44.93 2.86 0.00	41.83 2.70 0.00	38.68 2.36 -1.11	32.64 2.50 1.11	30.65 2.24 0.00
PJM_GEN_KEystone 24065	27.10 0.79 0.00	24.01 0.65 0.00	22.43 0.52 0.00	21.61 0.40 -0.16	21.12 0.29 0.00	21.96 0.49 0.00	23.61 0.55 0.00	24.99 0.75 0.00	27.93 0.81 0.00	30.15 0.99 -0.12	31.09 0.99 -0.18	33.23 1.07 0.23	35.36 1.42 -0.23	37.56 1.45 0.00	39.33 1.40 0.00	46.24 1.56 0.00	53.02 2.14 0.00	61.12 2.01 0.00	52.35 1.67 0.00	43.41 1.35 0.00	40.35 1.21 0.00	37.49 1.16 -1.11	31.04 0.91 1.11	29.51 1.11 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.24 2.47 -6.45	31.82 2.13 -6.33	26.04 1.88 -2.26	23.12 1.79 -0.28	22.33 1.50 0.00	23.21 1.74 0.00	25.00 1.94 0.00	28.96 2.33 -2.39	33.99 2.69 -4.18	35.18 2.79 -3.34	33.25 2.96 -0.36	35.40 2.98 -0.03	37.70 2.77 -1.22	44.64 3.25 -5.28	48.62 3.37 -7.31	54.23 4.07 -5.49	58.75 4.48 -3.38	63.97 4.85 -0.02	54.50 3.80 -0.02	46.15 2.61 -1.47	42.06 2.54 -0.38	38.54 2.22 -1.11	33.08 2.69 0.86	32.84 2.44 -1.99
PJM_GEN_VFT_PROXY 323633	28.52 2.21 0.00	25.18 1.82 0.00	23.48 1.58 0.00	22.93 1.62 -0.26	22.14 1.31 0.00	23.02 1.55 0.00	24.72 1.66 0.00	26.38 2.13 0.00	29.56 2.44 0.00	31.80 2.53 -0.23	33.12 2.84 -0.34	35.20 3.04 0.23	36.71 2.77 -0.23	39.18 3.07 0.00	41.15 3.22 0.00	48.70 4.02 0.00	55.41 4.53 0.00	64.01 4.90 0.00	54.43 3.75 0.00	44.67 2.61 0.00	41.56 2.43 0.00	38.47 2.15 -1.11	32.48 2.34 1.11	30.57 2.16 0.00
PLATSBURG_115KV_PMLD1 355749	26.60 0.29 0.00	23.50 0.14 0.00	21.95 0.04 0.00	21.09 0.04 0.00	21.06 0.23 0.00	21.62 0.15 0.00	23.27 0.21 0.00	24.58 0.34 0.00	27.58 0.46 0.00	29.72 0.67 0.00	30.62 0.69 0.00	33.04 0.65 0.00	34.19 0.47 0.00	36.47 0.36 0.00	38.42 0.49 0.00	45.48 0.80 0.00	50.88 0.00 0.00	59.70 0.59 0.00	51.69 1.01 0.00	42.95 0.88 0.00	39.96 0.82 0.00	35.77 0.56 0.00	31.66 0.41 0.00	28.69 0.28 0.00
PLEASANTVLY__LBMP 24000	28.02 1.71 0.00	24.88 1.52 0.00	23.28 1.38 0.00	22.68 1.35 -0.28	22.00 1.17 0.00	22.78 1.31 0.00	24.47 1.41 0.00	25.89 1.65 0.00	28.99 1.87 0.00	31.22 1.92 -0.26	32.33 2.01 -0.39	34.79 2.40 0.00	35.97 2.26 0.00	38.67 2.56 0.00	40.55 2.62 0.00	47.94 3.26 0.00	54.55 3.66 0.00	63.13 4.02 0.00	53.82 3.14 0.00	44.42 2.36 0.00	41.29 2.15 0.00	37.04 1.83 0.00	33.16 1.91 0.00	30.06 1.65 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.36 2.05 0.00	25.13 1.78 0.00	23.50 1.60 0.00	22.87 1.56 -0.26	22.18 1.35 0.00	22.97 1.50 0.00	24.67 1.61 0.00	26.25 2.01 0.00	29.40 2.28 0.00	31.63 2.35 -0.23	32.73 2.45 -0.35	35.30 2.92 0.00	36.51 2.80 0.00	39.25 3.14 0.00	41.15 3.22 0.00	48.70 4.02 0.00	55.41 4.53 0.00	64.13 5.02 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.80 2.66 0.00	37.50 2.29 0.00	33.59 2.34 0.00	30.42 2.02 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.36 2.05 0.00	25.13 1.78 0.00	23.50 1.60 0.00	22.87 1.56 -0.26	22.18 1.35 0.00	22.97 1.50 0.00	24.67 1.61 0.00	26.25 2.01 0.00	29.40 2.28 0.00	31.63 2.35 -0.23	32.73 2.45 -0.35	35.30 2.92 0.00	36.51 2.80 0.00	39.25 3.14 0.00	41.15 3.22 0.00	48.70 4.02 0.00	55.41 4.53 0.00	64.13 5.02 0.00	54.63 3.95 0.00	44.97 2.90 0.00	41.80 2.66 0.00	37.50 2.29 0.00	33.59 2.34 0.00	30.42 2.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.26 1.95 0.00	25.04 1.68 0.00	23.44 1.53 0.00	22.79 1.47 -0.27	22.08 1.25 0.00	22.86 1.40 0.00	24.58 1.52 0.00	25.99 1.75 0.00	29.10 1.98 0.00	31.02 2.03 0.07	31.95 2.12 0.10	34.95 2.56 0.00	36.14 2.43 0.00	38.89 2.78 0.00	40.81 2.88 0.00	48.21 3.53 0.00	54.95 4.07 0.00	63.60 4.49 0.00	54.28 3.60 0.00	44.84 2.78 0.00	41.68 2.54 0.00	37.36 2.15 0.00	33.38 2.13 0.00	30.23 1.82 0.00
POLETTI____ 23519	28.63 2.32 0.00	25.27 1.92 0.00	23.63 1.73 0.00	23.02 1.71 -0.26	22.31 1.48 0.00	23.08 1.61 0.00	24.77 1.71 0.00	26.47 2.23 0.00	29.67 2.55 0.00	31.89 2.61 -0.23	33.03 2.75 -0.34	35.60 3.21 0.00	36.71 3.00 0.00	39.47 3.36 0.00	41.38 3.45 0.00	49.01 4.33 0.00	55.77 4.88 0.00	64.37 5.26 0.00	54.73 4.05 0.00	45.01 2.94 0.00	41.87 2.74 0.00	37.53 2.32 0.00	33.81 2.56 0.00	30.68 2.27 0.00
POMONA____ESR 323819	28.21 1.90 0.00	24.99 1.63 0.00	23.35 1.45 0.00	22.73 1.43 -0.25	21.99 1.17 0.00	22.84 1.38 0.00	24.56 1.50 0.00	26.08 1.84 0.00	29.18 2.06 0.00	31.37 2.12 -0.20	32.66 2.42 -0.31	35.05 2.66 0.00	36.21 2.49 0.00	38.89 2.78 0.00	40.85 2.92 0.00	48.30 3.62 0.00	55.00 4.12 0.00	63.60 4.49 0.00	54.13 3.45 0.00	44.55 2.48 0.00	41.44 2.31 0.00	37.22 2.01 0.00	33.34 2.09 0.00	30.23 1.82 0.00
PORT_JEFF_3 23555	35.74 2.97 -6.45	32.26 2.57 -6.33	26.42 2.26 -2.26	23.44 2.10 -0.28	22.74 1.92 0.00	23.62 2.15 0.00	25.48 2.42 0.00	29.35 2.71 -2.40	34.34 3.04 -4.18	35.58 3.20 -3.34	33.82 3.50 -0.39	39.96 3.34 -4.23	43.73 3.07 -6.95	50.05 3.54 -10.40	56.33 3.64 -14.76	96.61 4.33 -47.60	110.98 4.68 -55.42	126.38 4.97 -62.30	120.63 3.96 -65.99	93.49 2.90 -48.52	90.43 2.82 -48.48	49.19 2.54 -11.45	41.45 3.09 -7.10	34.81 3.04 -3.36
PORT_JEFF_4 23616	35.74 2.97 -6.45	32.26 2.57 -6.33	26.42 2.26 -2.26	23.44 2.10 -0.28	22.74 1.92 0.00	23.62 2.15 0.00	25.48 2.42 0.00	29.35 2.71 -2.40	34.34 3.04 -4.18	35.58 3.20 -3.34	33.82 3.50 -0.39	39.96 3.34 -4.23	43.73 3.07 -6.95	50.05 3.54 -10.40	56.33 3.64 -14.76	96.61 4.33 -47.60	110.98 4.68 -55.42	126.38 4.97 -62.30	120.63 3.96 -65.99	93.49 2.90 -48.52	90.43 2.82 -48.48	49.19 2.54 -11.45	41.45 3.09 -7.10	34.81 3.04 -3.36
PORT_JEFF_IC 23713	35.81 3.05 -6.45	32.31 2.62 -6.33	26.48 2.32 -2.26	23.50 2.17 -0.28	22.81 1.98 0.00	23.68 2.21 0.00	25.53 2.47 0.00	29.40 2.76 -2.40	34.37 3.06 -4.18	35.58 3.20 -3.34	33.85 3.53 -0.39	39.76 3.40 -3.97	44.71 3.17 -7.83	50.87 3.61 -11.15	57.50 3.72 -15.85	102.92 4.47 -53.78	125.00 4.84 -69.28	137.04 5.20 -72.73	130.51 4.16 -75.67	100.47 2.99 -55.42	97.56 2.90 -55.53	50.13 2.57 -12.35	42.64 3.28 -8.11	35.04 3.15 -3.48
PPL PILGRIM_ST_GT1 24216	35.92 3.16 -6.45	32.42 2.73 -6.33	26.57 2.41 -2.26	23.60 2.27 -0.28	22.85 2.02 0.00	23.72 2.25 0.00	25.60 2.54 0.00	29.54 2.91 -2.40	34.66 3.36 -4.18	35.90 3.51 -3.34	34.12 3.71 -0.48	49.94 3.53 -14.02	39.28 3.37 -2.20	46.33 3.90 -6.32	50.70 3.94 -8.83	63.30 4.56 -14.06	64.40 5.09 -8.43	73.77 5.55 -9.11	68.53 4.41 -13.44	56.18 3.07 -11.05	52.28 2.97 -10.17	52.35 2.89 -14.25	36.15 3.25 -1.65	35.16 3.12 -3.63
PPL PILGRIM_ST_GT2 24217	35.92 3.16 -6.45	32.42 2.73 -6.33	26.57 2.41 -2.26	23.60 2.27 -0.28	22.85 2.02 0.00	23.72 2.25 0.00	25.60 2.54 0.00	29.54 2.91 -2.40	34.66 3.36 -4.18	35.90 3.51 -3.34	34.12 3.71 -0.48	49.94 3.53 -14.02	39.28 3.37 -2.20	46.33 3.90 -6.32	50.70 3.94 -8.83	63.30 4.56 -14.06	64.40 5.09 -8.43	73.77 5.55 -9.11	68.53 4.41 -13.44	56.18 3.07 -11.05	52.28 2.97 -10.17	52.35 2.89 -14.25	36.15 3.25 -1.65	35.16 3.12 -3.63
PPL_SHRM_GT3 24213	35.68 2.92 -6.45	32.17 2.47 -6.33	26.35 2.19 -2.26	23.35 2.02 -0.28	22.81 1.98 0.00	23.68 2.21 0.00	25.53 2.47 0.00	29.20 2.57 -2.40	34.29 2.98 -4.18	35.47 3.08 -3.34	34.00 3.68 -0.39	40.31 3.66 -4.26	44.31 3.54 -7.06	50.64 4.04 -10.49	56.89 4.06 -14.90	97.91 4.87 -48.36	116.84 5.39 -60.56	131.72 6.03 -66.58	122.79 4.91 -67.19	94.93 3.49 -49.38	91.85 3.37 -49.35	49.93 3.10 -11.62	41.85 3.38 -7.23	34.75 2.95 -3.39
PPL_SHRM_GT4 24214	35.68 2.92 -6.45	32.17 2.47 -6.33	26.35 2.19 -2.26	23.35 2.02 -0.28	22.81 1.98 0.00	23.68 2.21 0.00	25.53 2.47 0.00	29.20 2.57 -2.40	34.29 2.98 -4.18	35.47 3.08 -3.34	34.00 3.68 -0.39	40.31 3.66 -4.26	44.31 3.54 -7.06	50.64 4.04 -10.49	56.89 4.06 -14.90	97.91 4.87 -48.36	116.84 5.39 -60.56	131.72 6.03 -66.58	122.79 4.91 -67.19	94.93 3.49 -49.38	91.85 3.37 -49.35	49.93 3.10 -11.62	41.85 3.38 -7.23	34.75 2.95 -3.39
PROJECT___ORANGE 1 24174	26.21 -0.11 0.00	23.26 -0.09 0.00	21.79 -0.11 0.00	20.95 -0.13 -0.02	20.68 -0.15 0.00	21.38 -0.09 0.00	22.97 -0.09 0.00	24.17 -0.07 0.00	27.04 -0.08 0.00	29.02 -0.03 0.00	29.90 -0.03 0.00	32.26 -0.13 0.00	33.78 0.07 0.00	36.11 0.00 0.00	37.93 0.00 0.00	44.59 -0.09 0.00	51.04 0.15 0.00	59.11 0.00 0.00	50.73 0.05 0.00	42.15 0.08 0.00	39.21 0.08 0.00	35.35 0.14 0.00	31.25 0.00 0.00	28.46 0.06 0.00
PROJECT___ORANGE 2 24166	26.21 -0.11 0.00	23.26 -0.09 0.00	21.79 -0.11 0.00	20.95 -0.13 -0.02	20.68 -0.15 0.00	21.38 -0.09 0.00	22.97 -0.09 0.00	24.17 -0.07 0.00	27.04 -0.08 0.00	29.02 -0.03 0.00	29.90 -0.03 0.00	32.26 -0.13 0.00	33.78 0.07 0.00	36.11 0.00 0.00	37.93 0.00 0.00	44.59 -0.09 0.00	51.04 0.15 0.00	59.11 0.00 0.00	50.73 0.05 0.00	42.15 0.08 0.00	39.21 0.08 0.00	35.35 0.14 0.00	31.25 0.00 0.00	28.46 0.06 0.00
PUCKETT___SOLAR 323809	27.13 0.82 0.00	24.03 0.68 0.00	22.54 0.64 0.00	21.63 0.50 -0.08	21.29 0.46 0.00	22.11 0.64 0.00	23.78 0.72 0.00	24.97 0.73 0.00	27.82 0.70 0.00	29.83 0.78 0.00	30.59 0.66 0.00	33.14 0.75 0.00	34.76 1.05 0.00	37.12 1.01 0.00	38.95 1.02 0.00	45.80 1.12 0.00	52.61 1.73 0.00	61.06 1.95 0.00	52.61 1.93 0.00	43.87 1.81 0.00	40.82 1.68 0.00	36.80 1.59 0.00	32.37 1.12 0.00	29.51 1.11 0.00
PYRITES___HYD 24023	25.63 -0.68 0.00	22.68 -0.68 0.00	21.22 -0.68 0.00	20.40 -0.65 0.00	20.31 -0.52 0.00	20.85 -0.62 0.00	22.41 -0.65 0.00	23.51 -0.73 0.00	26.30 -0.81 0.00	28.29 -0.76 0.00	29.15 -0.78 0.00	31.77 -0.62 0.00	32.94 -0.78 0.00	35.13 -0.97 0.00	36.83 -1.10 0.00	43.47 -1.21 0.00	49.26 -1.63 0.00	57.69 -1.42 0.00	49.77 -0.91 0.00	41.35 -0.72 0.00	38.51 -0.63 0.00	34.51 -0.70 0.00	30.53 -0.72 0.00	27.58 -0.82 0.00

QUAKERRD_115KV_BK1 80622	25.73 -0.58 0.00	22.80 -0.56 0.00	21.33 -0.57 0.00	20.49 -0.59 -0.03	20.16 -0.67 0.00	20.89 -0.58 0.00	22.46 -0.60 0.00	23.56 -0.68 0.00	26.33 -0.79 0.00	28.50 -0.55 0.00	29.48 -0.45 0.00	31.29 -1.10 0.00	33.21 -0.51 0.00	35.35 -0.76 0.00	37.21 -0.72 0.00	43.52 -1.16 0.00	50.22 -0.66 0.00	58.05 -1.06 0.00	49.92 -0.76 0.00	41.73 -0.34 0.00	38.74 -0.39 0.00	35.00 -0.21 0.00	30.53 -0.72 0.00	28.24 -0.17 0.00
QUEENSBRY_115KV_TB8 356137	27.84 1.53 0.00	24.73 1.38 0.00	23.15 1.25 0.00	22.56 1.16 -0.35	21.91 1.08 0.00	22.71 1.25 0.00	24.47 1.41 0.00	25.77 1.53 0.00	28.88 1.76 0.00	30.56 1.77 0.27	30.99 1.47 0.41	34.11 1.72 0.00	35.26 1.55 0.00	37.88 1.77 0.00	39.71 1.78 0.00	47.00 2.32 0.00	54.19 3.31 0.00	63.01 3.90 0.00	53.92 3.24 0.00	44.88 2.82 0.00	41.91 2.78 0.00	37.53 2.32 0.00	33.19 1.94 0.00	29.94 1.53 0.00
RAMAPO___LBMP 323565	28.07 1.76 0.00	24.90 1.54 0.00	23.28 1.38 0.00	22.65 1.35 -0.25	21.97 1.15 0.00	22.76 1.29 0.00	24.47 1.41 0.00	25.99 1.75 0.00	29.07 1.95 0.00	31.26 2.00 -0.20	32.36 2.12 -0.31	34.95 2.56 0.00	36.11 2.39 0.00	38.82 2.71 0.00	40.70 2.77 0.00	48.12 3.44 0.00	54.80 3.92 0.00	63.37 4.26 0.00	53.97 3.29 0.00	44.51 2.44 0.00	41.37 2.23 0.00	37.11 1.90 0.00	33.25 2.00 0.00	30.14 1.73 0.00
RANKINE____ 23646	26.52 0.21 0.00	23.45 0.09 0.00	21.88 -0.02 0.00	20.73 -0.36 -0.04	20.62 -0.21 0.00	21.40 -0.06 0.00	23.06 0.00 0.00	24.10 -0.15 0.00	26.85 -0.27 0.00	29.25 0.20 0.00	30.44 0.51 0.00	31.81 -0.58 0.00	34.35 0.64 0.00	36.33 0.22 0.00	38.23 0.30 0.00	44.37 -0.31 0.00	51.49 0.61 0.00	59.17 0.06 0.00	51.14 0.46 0.00	42.82 0.76 0.00	39.76 0.63 0.00	36.27 1.06 0.00	31.28 0.03 0.00	29.40 0.99 0.00
RAVENSWOOD_GT2_1 24244	28.65 2.34 0.00	25.29 1.94 0.00	23.61 1.71 0.00	23.04 1.73 -0.26	22.25 1.42 0.00	23.12 1.65 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.68 2.97 0.00	39.43 3.32 0.00	41.42 3.49 0.00	48.97 4.29 0.00	55.72 4.84 0.00	64.37 5.26 0.00	54.74 4.06 0.00	44.97 2.90 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.81 2.56 0.00	30.71 2.30 0.00
RAVENSWOOD_GT2_2 24245	28.65 2.34 0.00	25.29 1.94 0.00	23.61 1.71 0.00	23.04 1.73 -0.26	22.25 1.42 0.00	23.12 1.65 0.00	24.81 1.75 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.95 2.67 -0.23	33.27 2.99 -0.34	35.60 3.21 0.00	36.68 2.97 0.00	39.43 3.32 0.00	41.42 3.49 0.00	48.97 4.29 0.00	55.72 4.84 0.00	64.37 5.26 0.00	54.74 4.06 0.00	44.97 2.90 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.81 2.56 0.00	30.71 2.30 0.00
RAVENSWOOD_GT2_3 24246	28.68 2.37 0.00	25.32 1.96 0.00	23.63 1.73 0.00	23.06 1.75 -0.26	22.26 1.44 0.00	23.12 1.65 0.00	24.84 1.78 0.00	26.50 2.25 0.00	29.72 2.60 0.00	31.98 2.70 -0.23	33.29 3.02 -0.34	35.63 3.24 0.00	36.71 3.00 0.00	39.47 3.36 0.00	41.46 3.53 0.00	49.01 4.33 0.00	55.77 4.89 0.00	64.43 5.32 0.00	54.78 4.10 0.00	45.01 2.94 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.84 2.59 0.00	30.74 2.33 0.00
RAVENSWOOD_GT2_4 24247	28.68 2.37 0.00	25.32 1.96 0.00	23.63 1.73 0.00	23.06 1.75 -0.26	22.26 1.44 0.00	23.12 1.65 0.00	24.84 1.78 0.00	26.50 2.25 0.00	29.72 2.60 0.00	31.98 2.70 -0.23	33.29 3.02 -0.34	35.63 3.24 0.00	36.71 3.00 0.00	39.47 3.36 0.00	41.46 3.53 0.00	49.01 4.33 0.00	55.77 4.89 0.00	64.43 5.32 0.00	54.78 4.10 0.00	45.01 2.94 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.84 2.59 0.00	30.74 2.33 0.00
RAVENSWOOD_GT3_1 24248	28.65 2.34 0.00	25.29 1.94 0.00	23.61 1.71 0.00	23.04 1.73 -0.26	22.25 1.42 0.00	23.12 1.65 0.00	24.84 1.78 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.98 2.70 -0.23	33.29 3.02 -0.34	35.60 3.21 0.00	36.68 2.97 0.00	39.43 3.32 0.00	41.42 3.49 0.00	49.01 4.33 0.00	55.72 4.84 0.00	64.37 5.26 0.00	54.74 4.06 0.00	44.97 2.90 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.84 2.59 0.00	30.71 2.30 0.00
RAVENSWOOD_GT3_2 24249	28.65 2.34 0.00	25.29 1.94 0.00	23.61 1.71 0.00	23.04 1.73 -0.26	22.25 1.42 0.00	23.12 1.65 0.00	24.84 1.78 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.98 2.70 -0.23	33.29 3.02 -0.34	35.60 3.21 0.00	36.68 2.97 0.00	39.43 3.32 0.00	41.42 3.49 0.00	49.01 4.33 0.00	55.72 4.84 0.00	64.37 5.26 0.00	54.74 4.06 0.00	44.97 2.90 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.84 2.59 0.00	30.71 2.30 0.00
RAVENSWOOD_GT3_3 24250	28.71 2.39 0.00	25.34 1.99 0.00	23.70 1.80 0.00	23.06 1.75 -0.26	22.35 1.52 0.00	23.14 1.67 0.00	24.84 1.78 0.00	26.54 2.30 0.00	29.75 2.63 0.00	32.00 2.73 -0.23	33.12 2.84 -0.34	35.73 3.34 0.00	36.85 3.14 0.00	39.61 3.50 0.00	41.53 3.60 0.00	49.19 4.51 0.00	55.97 5.09 0.00	64.61 5.50 0.00	54.94 4.26 0.00	45.18 3.11 0.00	42.03 2.90 0.00	37.71 2.50 0.00	33.94 2.69 0.00	30.77 2.36 0.00
RAVENSWOOD_GT3_4 24251	28.71 2.39 0.00	25.34 1.98 0.00	23.66 1.75 0.00	23.08 1.77 -0.26	22.29 1.46 0.00	23.14 1.68 0.00	24.86 1.80 0.00	26.52 2.28 0.00	29.75 2.63 0.00	32.04 2.76 -0.23	33.36 3.08 -0.34	35.66 3.27 0.00	36.75 3.04 0.00	39.50 3.39 0.00	41.49 3.56 0.00	49.10 4.42 0.00	55.87 4.99 0.00	64.49 5.38 0.00	54.88 4.20 0.00	45.05 2.99 0.00	41.95 2.82 0.00	37.71 2.50 0.00	33.90 2.65 0.00	30.76 2.36 0.00
RAVENSWOOD_GT_1 23729	29.13 2.47 -0.35	25.41 2.06 0.00	23.68 1.77 0.00	23.15 1.83 -0.26	22.33 1.50 0.00	23.14 1.68 0.00	24.84 1.78 0.00	26.55 2.30 0.00	32.13 2.71 -2.30	33.87 2.85 -1.97	34.09 3.17 -0.99	35.92 3.40 -0.13	36.81 3.10 0.00	39.62 3.50 -0.01	41.57 3.64 0.00	49.11 4.42 -0.01	55.83 4.93 -0.01	64.44 5.32 -0.01	54.74 4.06 0.00	44.97 2.90 0.00	41.95 2.82 0.00	37.72 2.50 -0.01	36.42 2.75 -2.42	31.12 2.47 -0.24
RAVENSWOOD_GT_10 24258	28.65 2.34 0.00	25.30 1.94 0.00	23.66 1.75 0.00	23.04 1.73 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.50 2.25 0.00	29.58 2.58 0.11	31.86 2.67 -0.14	33.02 2.78 -0.31	35.65 3.27 0.01	36.78 3.07 0.00	39.54 3.43 0.00	41.46 3.53 0.00	49.10 4.42 0.00	55.82 4.94 0.00	64.49 5.38 0.00	54.84 4.16 0.00	45.09 3.03 0.00	41.95 2.82 0.00	37.64 2.43 0.00	33.87 2.63 0.00	30.71 2.30 0.00
RAVENSWOOD_GT_11 24259	28.65 2.34 0.00	25.29 1.94 0.00	23.61 1.71 0.00	23.04 1.73 -0.26	22.25 1.42 0.00	23.12 1.65 0.00	24.84 1.78 0.00	26.47 2.23 0.00	29.58 2.58 0.11	31.86 2.67 -0.14	33.23 2.99 -0.31	35.59 3.21 0.01	36.68 2.97 0.00	39.43 3.32 0.00	41.42 3.49 0.00	49.01 4.33 0.00	55.72 4.84 0.00	64.37 5.26 0.00	54.78 4.10 0.00	44.97 2.90 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.81 2.56 0.00	30.71 2.30 0.00



RAVENSWOOD_GT_4 24252	28.88 2.32 -0.25	25.30 1.94 0.00	23.66 1.75 0.00	23.02 1.71 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.50 2.25 0.00	29.67 2.55 -0.01	31.92 2.64 -0.23	33.06 2.78 -0.35	35.63 3.24 -0.01	36.75 3.03 0.00	39.55 3.43 -0.01	41.42 3.49 0.00	49.06 4.38 -0.01	55.83 4.94 -0.01	64.49 5.38 -0.01	54.89 4.21 0.00	45.14 3.07 0.00	41.95 2.82 0.00	37.65 2.43 -0.01	35.70 2.63 -1.83	30.88 2.30 -0.17
RAVENSWOOD_GT_5 24254	28.88 2.32 -0.25	25.30 1.94 0.00	23.66 1.75 0.00	23.02 1.71 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.50 2.25 0.00	29.67 2.55 -0.01	31.92 2.64 -0.23	33.06 2.78 -0.35	35.63 3.24 -0.01	36.75 3.03 0.00	39.55 3.43 -0.01	41.42 3.49 0.00	49.06 4.38 -0.01	55.83 4.94 -0.01	64.49 5.38 -0.01	54.89 4.21 0.00	45.14 3.07 0.00	41.95 2.82 0.00	37.65 2.43 -0.01	35.70 2.63 -1.83	30.88 2.30 -0.17
RAVENSWOOD_GT_6 24253	28.88 2.32 -0.25	25.30 1.94 0.00	23.66 1.75 0.00	23.02 1.71 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.50 2.25 0.00	29.67 2.55 -0.01	31.92 2.64 -0.23	33.06 2.78 -0.35	35.63 3.24 -0.01	36.75 3.03 0.00	39.55 3.43 -0.01	41.42 3.49 0.00	49.06 4.38 -0.01	55.83 4.94 -0.01	64.49 5.38 -0.01	54.89 4.21 0.00	45.14 3.07 0.00	41.95 2.82 0.00	37.65 2.43 -0.01	35.70 2.63 -1.83	30.88 2.30 -0.17
RAVENSWOOD_GT_7 24255	28.88 2.32 -0.25	25.30 1.94 0.00	23.66 1.75 0.00	23.02 1.71 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.50 2.25 0.00	29.67 2.55 -0.01	31.92 2.64 -0.23	33.06 2.78 -0.35	35.63 3.24 -0.01	36.75 3.03 0.00	39.55 3.43 -0.01	41.42 3.49 0.00	49.06 4.38 -0.01	55.83 4.94 -0.01	64.49 5.38 -0.01	54.89 4.21 0.00	45.14 3.07 0.00	41.95 2.82 0.00	37.65 2.43 -0.01	35.70 2.63 -1.83	30.88 2.30 -0.17
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.65 2.34 0.00	25.30 1.94 0.00	23.66 1.75 0.00	23.04 1.73 -0.26	22.31 1.48 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.50 2.25 0.00	29.58 2.58 0.11	31.86 2.67 -0.14	33.02 2.78 -0.31	35.65 3.27 0.01	36.78 3.07 0.00	39.54 3.43 0.00	41.46 3.53 0.00	49.10 4.42 0.00	55.82 4.94 0.00	64.49 5.38 0.00	54.84 4.16 0.00	45.09 3.03 0.00	41.95 2.82 0.00	37.64 2.43 0.00	33.87 2.63 0.00	30.71 2.30 0.00
RAVENSWOOD_GT_9 24257	28.65 2.34 0.00	25.29 1.94 0.00	23.61 1.71 0.00	23.04 1.73 -0.26	22.25 1.42 0.00	23.12 1.65 0.00	24.84 1.78 0.00	26.47 2.23 0.00	29.58 2.58 0.11	31.86 2.67 -0.14	33.23 2.99 -0.31	35.59 3.21 0.01	36.68 2.97 0.00	39.43 3.32 0.00	41.42 3.49 0.00	49.01 4.33 0.00	55.72 4.84 0.00	64.37 5.26 0.00	54.78 4.10 0.00	44.97 2.90 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.81 2.56 0.00	30.71 2.30 0.00
RAVENSWOOD___1 23533	28.79 2.47 -0.01	25.39 2.03 0.00	23.66 1.75 0.00	23.12 1.81 -0.26	22.31 1.48 0.00	23.12 1.65 0.00	24.81 1.75 0.00	26.52 2.28 0.00	30.94 2.69 -1.14	32.96 2.82 -1.09	33.73 3.14 -0.66	35.82 3.37 -0.06	36.78 3.07 0.00	39.58 3.47 0.00	41.53 3.61 0.00	49.10 4.42 0.00	55.77 4.89 0.00	64.37 5.26 0.00	54.68 4.00 0.00	44.93 2.86 0.00	41.91 2.78 0.00	37.67 2.46 0.00	33.98 2.72 -0.01	30.86 2.44 -0.01
RAVENSWOOD___2 23534	28.74 2.42 -0.01	25.34 1.98 0.00	23.61 1.71 0.00	23.08 1.77 -0.26	22.26 1.44 0.00	23.08 1.61 0.00	24.77 1.71 0.00	26.47 2.23 0.00	30.88 2.63 -1.13	32.90 2.76 -1.09	33.67 3.08 -0.66	35.72 3.27 -0.06	36.71 3.00 0.00	39.50 3.39 0.00	41.46 3.53 0.00	48.74 4.07 0.00	55.31 4.42 0.00	63.84 4.73 0.00	54.23 3.55 0.00	44.63 2.57 0.00	41.83 2.70 0.00	37.61 2.40 0.00	33.91 2.65 -0.01	30.80 2.39 -0.01
RAVENSWOOD___3 23535	28.65 2.34 0.00	25.32 1.96 0.00	23.61 1.71 0.00	23.04 1.73 -0.26	22.26 1.44 0.00	23.12 1.65 0.00	24.84 1.78 0.00	26.47 2.23 0.00	29.70 2.58 0.00	31.98 2.70 -0.23	33.29 3.02 -0.34	35.60 3.21 0.00	36.68 2.97 0.00	39.43 3.32 0.00	41.42 3.49 0.00	49.01 4.33 0.00	55.72 4.84 0.00	64.37 5.26 0.00	54.74 4.06 0.00	44.97 2.90 0.00	41.87 2.74 0.00	37.64 2.43 0.00	33.84 2.59 0.00	30.71 2.30 0.00
RAVENSWOOD___4 23820	28.43 2.45 0.33	25.36 2.01 0.00	23.63 1.73 0.00	23.10 1.79 -0.26	22.29 1.46 0.00	23.10 1.63 0.00	24.79 1.73 0.00	26.50 2.25 0.00	29.80 2.69 0.01	32.06 2.79 -0.22	33.38 3.11 -0.34	35.72 3.34 0.01	36.75 3.04 0.00	39.53 3.43 0.01	41.53 3.61 0.00	49.05 4.38 0.01	55.71 4.84 0.01	64.30 5.20 0.01	54.64 3.96 0.00	44.88 2.82 0.00	41.87 2.74 0.00	37.67 2.46 0.01	31.60 2.72 2.36	30.63 2.44 0.23
RCPL_TRUST___DRP 24196	28.63 2.32 0.00	25.30 1.94 0.00	23.66 1.75 0.00	23.04 1.73 -0.26	22.33 1.50 0.00	23.12 1.65 0.00	24.84 1.78 0.00	26.54 2.30 0.00	29.69 2.58 0.00	31.98 2.70 -0.23	33.09 2.81 -0.34	35.69 3.30 0.00	36.85 3.14 0.00	39.61 3.50 0.00	41.53 3.60 0.00	49.15 4.47 0.00	55.92 5.04 0.00	64.61 5.50 0.00	54.94 4.26 0.00	45.18 3.11 0.00	41.99 2.86 0.00	37.67 2.46 0.00	33.84 2.59 0.00	30.68 2.27 0.00
RED___ROCHESTER 323720	26.65 0.34 0.00	23.61 0.26 0.00	22.08 0.17 0.00	21.12 0.04 -0.03	20.81 -0.02 0.00	21.58 0.11 0.00	23.15 0.09 0.00	24.34 0.10 0.00	27.20 0.08 0.00	29.49 0.44 0.00	29.99 0.06 0.00	32.39 0.00 0.00	34.56 0.84 0.00	36.87 0.76 0.00	38.61 0.68 0.00	45.12 0.45 0.00	52.20 1.32 0.00	60.35 1.24 0.00	52.00 1.32 0.00	43.54 1.47 0.00	40.39 1.25 0.00	36.44 1.23 0.00	31.69 0.44 0.00	29.40 0.99 0.00
REGAN___SOLAR 323812	29.02 2.71 0.00	25.71 2.36 0.00	24.05 2.15 0.00	23.49 2.04 -0.40	22.77 1.94 0.00	23.66 2.19 0.00	25.48 2.42 0.00	26.74 2.50 0.00	29.80 2.69 0.00	31.48 2.62 0.18	32.25 2.60 0.28	35.60 3.21 0.00	37.05 3.34 0.00	39.18 3.07 0.00	41.19 3.26 0.00	48.74 4.07 0.00	55.92 5.04 0.00	65.37 6.26 0.00	56.35 5.67 0.00	47.03 4.96 0.00	43.79 4.65 0.00	39.33 4.12 0.00	34.56 3.31 0.00	31.19 2.79 0.00
RENSSELAER___COGEN 23796	27.34 1.03 0.00	24.31 0.96 0.00	22.78 0.88 0.00	22.25 0.86 -0.34	21.56 0.73 0.00	22.33 0.86 0.00	24.01 0.95 0.00	25.19 0.94 0.00	28.23 1.11 0.00	29.91 1.10 0.25	30.81 1.26 0.37	33.72 1.33 0.00	34.96 1.25 0.00	37.52 1.41 0.00	39.45 1.52 0.00	46.51 1.83 0.00	52.97 2.09 0.00	61.48 2.37 0.00	52.56 1.88 0.00	43.58 1.51 0.00	40.50 1.37 0.00	36.41 1.20 0.00	32.37 1.12 0.00	29.32 0.91 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.23 2.92 0.00	25.90 2.55 0.00	24.23 2.32 0.00	23.59 2.19 -0.35	22.95 2.12 0.00	23.83 2.36 0.00	25.74 2.67 0.00	27.13 2.88 0.00	30.40 3.28 0.00	32.18 3.40 0.27	32.63 3.11 0.41	36.15 3.76 0.00	37.46 3.74 0.00	40.30 4.19 0.00	41.87 3.94 0.00	49.64 4.96 0.00	57.45 6.56 0.00	66.91 7.80 0.00	57.22 6.54 0.00	47.83 5.76 0.00	44.65 5.52 0.00	39.89 4.68 0.00	35.06 3.81 0.00	31.53 3.12 0.00

REVERE_CPDR_DRP 24186	27.18 0.87 0.00	24.03 0.68 0.00	22.52 0.61 0.00	21.61 0.55 -0.01	21.33 0.50 0.00	22.09 0.62 0.00	23.80 0.74 0.00	24.97 0.73 0.00	27.88 0.76 0.00	29.92 0.87 0.00	30.89 0.96 0.00	33.49 1.10 0.00	34.96 1.25 0.00	37.37 1.26 0.00	39.22 1.29 0.00	46.11 1.43 0.00	52.82 1.93 0.00	61.36 2.25 0.00	52.76 2.08 0.00	43.83 1.77 0.00	40.78 1.64 0.00	36.69 1.48 0.00	32.34 1.09 0.00	29.32 0.91 0.00
REYNOLDS_115KV_TB3 80639	27.44 1.13 0.00	24.45 1.10 0.00	22.89 0.99 0.00	22.36 0.97 -0.34	21.68 0.85 0.00	22.44 0.97 0.00	24.10 1.04 0.00	25.28 1.04 0.00	28.37 1.25 0.00	29.98 1.22 0.29	30.74 1.26 0.44	33.88 1.49 0.00	35.13 1.42 0.00	37.73 1.62 0.00	39.60 1.67 0.00	46.73 2.06 0.00	53.22 2.34 0.00	61.71 2.60 0.00	52.81 2.13 0.00	43.79 1.72 0.00	40.70 1.57 0.00	36.55 1.34 0.00	32.50 1.25 0.00	29.46 1.05 0.00
RIVERBAY____ 323610	29.16 2.84 -0.01	25.77 2.41 -0.01	24.10 2.19 -0.01	23.38 2.06 -0.26	22.66 1.83 0.00	23.27 1.80 0.00	24.93 1.87 0.00	26.84 2.59 0.00	30.00 2.87 -0.01	32.27 2.99 -0.23	33.38 3.11 -0.34	36.22 3.82 -0.01	37.32 3.61 0.00	40.23 4.12 0.00	41.91 3.98 0.00	49.77 5.09 0.00	56.58 5.70 0.00	64.90 5.79 0.00	55.14 4.46 0.00	45.43 3.37 0.00	42.38 3.25 0.00	37.96 2.75 0.00	34.35 3.09 -0.01	31.26 2.84 -0.01
RIVERSDE_115KV_TB3 55908	27.44 1.13 0.00	24.41 1.05 0.00	22.87 0.96 0.00	22.31 0.93 -0.34	21.66 0.83 0.00	22.41 0.94 0.00	24.07 1.01 0.00	25.28 1.04 0.00	28.37 1.25 0.00	30.00 1.22 0.27	30.75 1.23 0.41	33.88 1.49 0.00	35.13 1.42 0.00	37.73 1.62 0.00	39.60 1.67 0.00	46.73 2.06 0.00	53.22 2.34 0.00	61.77 2.66 0.00	52.86 2.18 0.00	43.79 1.72 0.00	40.74 1.60 0.00	36.55 1.34 0.00	32.50 1.25 0.00	29.43 1.02 0.00
ROARING__BROOK_WT_PWR 323790	26.02 -0.29 0.00	23.12 -0.23 0.00	21.71 -0.20 0.00	20.91 -0.15 0.00	20.68 -0.14 0.00	21.40 -0.06 0.00	23.04 -0.02 0.00	24.24 0.00 0.00	27.15 0.03 0.00	29.08 0.03 0.00	29.96 0.03 0.00	32.39 0.00 0.00	33.71 0.00 0.00	36.07 -0.04 0.00	37.89 -0.04 0.00	44.59 -0.09 0.00	50.88 0.00 0.00	59.11 0.00 0.00	50.73 0.05 0.00	42.11 0.04 0.00	39.17 0.04 0.00	35.25 0.04 0.00	31.28 0.03 0.00	28.46 0.06 0.00
ROCHESRG_115KV_T4 355643	26.34 0.03 0.00	23.31 -0.05 0.00	21.79 -0.11 0.00	20.93 -0.15 -0.03	20.60 -0.23 0.00	21.34 -0.13 0.00	22.94 -0.12 0.00	24.02 -0.22 0.00	26.85 -0.27 0.00	29.11 0.06 0.00	30.14 0.21 0.00	31.84 -0.55 0.00	33.92 0.20 0.00	36.04 -0.07 0.00	37.97 0.04 0.00	44.32 -0.36 0.00	51.24 0.36 0.00	59.17 0.06 0.00	50.93 0.25 0.00	42.61 0.55 0.00	39.57 0.43 0.00	35.84 0.63 0.00	31.16 -0.09 0.00	28.95 0.54 0.00
ROCHESTER_9_IC 23652	26.52 0.21 0.00	23.47 0.12 0.00	21.95 0.04 0.00	21.06 -0.02 -0.03	20.72 -0.10 0.00	21.47 0.00 0.00	23.08 0.02 0.00	24.19 -0.05 0.00	27.04 -0.08 0.00	29.31 0.26 0.00	30.38 0.45 0.00	32.10 -0.29 0.00	34.19 0.47 0.00	36.36 0.25 0.00	38.31 0.38 0.00	44.72 0.04 0.00	51.70 0.81 0.00	59.70 0.59 0.00	51.44 0.76 0.00	42.99 0.93 0.00	39.96 0.82 0.00	36.13 0.92 0.00	31.41 0.16 0.00	29.17 0.77 0.00
ROCKVIEW_13_KV_LD 356306	28.55 2.24 0.00	25.27 1.92 0.00	23.63 1.73 0.00	23.00 1.68 -0.26	22.29 1.46 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.45 2.21 0.00	29.61 2.49 0.00	31.86 2.59 -0.23	32.97 2.69 -0.34	35.56 3.17 0.00	36.75 3.03 0.00	39.50 3.39 0.00	41.46 3.53 0.00	49.06 4.38 0.00	55.87 4.99 0.00	64.55 5.44 0.00	54.99 4.31 0.00	45.22 3.15 0.00	42.07 2.94 0.00	37.71 2.50 0.00	33.84 2.59 0.00	30.62 2.22 0.00
ROME____115KV_TB2 80656	27.18 0.87 0.00	24.03 0.68 0.00	22.52 0.61 0.00	21.61 0.55 -0.01	21.33 0.50 0.00	22.09 0.62 0.00	23.80 0.74 0.00	24.97 0.73 0.00	27.88 0.76 0.00	29.92 0.87 0.00	30.89 0.96 0.00	33.49 1.10 0.00	34.96 1.25 0.00	37.37 1.26 0.00	39.22 1.29 0.00	46.11 1.43 0.00	52.82 1.93 0.00	61.36 2.25 0.00	52.76 2.08 0.00	43.83 1.77 0.00	40.78 1.64 0.00	36.69 1.48 0.00	32.34 1.09 0.00	29.32 0.91 0.00
ROSETON__1 23587	28.00 1.69 0.00	24.83 1.47 0.00	23.22 1.31 0.00	22.62 1.31 -0.26	21.91 1.08 0.00	22.74 1.27 0.00	24.44 1.38 0.00	25.87 1.62 0.00	28.96 1.84 0.00	31.14 1.89 -0.20	32.37 2.13 -0.31	34.72 2.33 0.00	35.87 2.16 0.00	38.57 2.46 0.00	40.51 2.58 0.00	47.85 3.17 0.00	54.50 3.61 0.00	63.01 3.90 0.00	53.72 3.04 0.00	44.29 2.23 0.00	41.21 2.07 0.00	37.00 1.79 0.00	33.09 1.84 0.00	30.03 1.62 0.00
ROSETON__2 23588	28.00 1.69 0.00	24.83 1.47 0.00	23.22 1.31 0.00	22.62 1.31 -0.26	21.91 1.08 0.00	22.74 1.27 0.00	24.44 1.38 0.00	25.87 1.62 0.00	28.96 1.84 0.00	31.14 1.89 -0.20	32.37 2.13 -0.31	34.72 2.33 0.00	35.87 2.16 0.00	38.57 2.46 0.00	40.51 2.58 0.00	47.85 3.17 0.00	54.50 3.61 0.00	63.01 3.90 0.00	53.72 3.04 0.00	44.29 2.23 0.00	41.21 2.07 0.00	37.00 1.79 0.00	33.09 1.84 0.00	30.03 1.62 0.00
ROTTTRDAM_115KV_TB3 80664	27.52 1.21 0.00	24.45 1.10 0.00	22.93 1.03 0.00	22.37 0.97 -0.35	21.70 0.87 0.00	22.46 0.99 0.00	24.14 1.08 0.00	25.38 1.14 0.00	28.42 1.30 0.00	30.14 1.31 0.22	30.89 1.29 0.33	33.94 1.55 0.00	35.23 1.52 0.00	37.81 1.70 0.00	39.67 1.74 0.00	46.82 2.14 0.00	53.43 2.54 0.00	61.95 2.84 0.00	53.01 2.33 0.00	44.00 1.94 0.00	40.97 1.84 0.00	36.76 1.55 0.00	32.66 1.41 0.00	29.60 1.19 0.00
RUSSELL__1 23602	26.65 0.34 0.00	23.61 0.26 0.00	22.06 0.15 0.00	21.15 0.06 -0.03	20.83 0.00 0.00	21.58 0.11 0.00	23.20 0.14 0.00	24.34 0.10 0.00	27.20 0.08 0.00	29.48 0.44 0.00	30.56 0.63 0.00	32.29 -0.10 0.00	34.42 0.71 0.00	36.61 0.51 0.00	38.57 0.64 0.00	45.04 0.36 0.00	52.10 1.22 0.00	60.17 1.06 0.00	51.85 1.17 0.00	43.37 1.30 0.00	40.27 1.13 0.00	36.41 1.20 0.00	31.63 0.38 0.00	29.35 0.94 0.00
RUSSELL__2 23532	26.65 0.34 0.00	23.61 0.26 0.00	22.06 0.15 0.00	21.15 0.06 -0.03	20.83 0.00 0.00	21.58 0.11 0.00	23.20 0.14 0.00	24.34 0.10 0.00	27.20 0.08 0.00	29.48 0.44 0.00	30.56 0.63 0.00	32.29 -0.10 0.00	34.42 0.71 0.00	36.61 0.51 0.00	38.57 0.64 0.00	45.04 0.36 0.00	52.10 1.22 0.00	60.17 1.06 0.00	51.85 1.17 0.00	43.37 1.30 0.00	40.27 1.13 0.00	36.41 1.20 0.00	31.63 0.38 0.00	29.35 0.94 0.00
RUSSELL__3 23549	26.65 0.34 0.00	23.61 0.26 0.00	22.06 0.15 0.00	21.15 0.06 -0.03	20.83 0.00 0.00	21.58 0.11 0.00	23.20 0.14 0.00	24.34 0.10 0.00	27.20 0.08 0.00	29.48 0.44 0.00	30.56 0.63 0.00	32.29 -0.10 0.00	34.42 0.71 0.00	36.61 0.51 0.00	38.57 0.64 0.00	45.04 0.36 0.00	52.10 1.22 0.00	60.17 1.06 0.00	51.85 1.17 0.00	43.37 1.30 0.00	40.27 1.13 0.00	36.41 1.20 0.00	31.63 0.38 0.00	29.35 0.94 0.00

RUSSELL___4 23556	26.65 0.34 0.00	23.61 0.26 0.00	22.06 0.15 0.00	21.15 0.06 -0.03	20.83 0.00 0.00	21.58 0.11 0.00	23.20 0.14 0.00	24.34 0.10 0.00	27.20 0.08 0.00	29.48 0.44 0.00	30.56 0.63 0.00	32.29 -0.10 0.00	34.42 0.71 0.00	36.61 0.51 0.00	38.57 0.64 0.00	45.04 0.36 0.00	52.10 1.22 0.00	60.17 1.06 0.00	51.85 1.17 0.00	43.37 1.30 0.00	40.27 1.13 0.00	36.41 1.20 0.00	31.63 0.38 0.00	29.35 0.94 0.00
RUSSELL___STATION 23914	26.65 0.34 0.00	23.61 0.26 0.00	22.06 0.15 0.00	21.15 0.06 -0.03	20.83 0.00 0.00	21.58 0.11 0.00	23.20 0.14 0.00	24.34 0.10 0.00	27.20 0.08 0.00	29.48 0.44 0.00	30.56 0.63 0.00	32.29 -0.10 0.00	34.42 0.71 0.00	36.61 0.51 0.00	38.57 0.64 0.00	45.04 0.36 0.00	52.10 1.22 0.00	60.17 1.06 0.00	51.85 1.17 0.00	43.37 1.30 0.00	40.27 1.13 0.00	36.41 1.20 0.00	31.63 0.38 0.00	29.35 0.94 0.00
S SALMON___HYD 24043	26.18 -0.13 0.00	23.19 -0.16 0.00	21.75 -0.15 0.00	20.90 -0.17 -0.02	20.62 -0.21 0.00	21.34 -0.13 0.00	22.92 -0.14 0.00	24.07 -0.17 0.00	26.87 -0.24 0.00	28.79 -0.26 0.00	29.54 -0.39 0.00	32.07 -0.32 0.00	33.44 -0.27 0.00	35.71 -0.40 0.00	37.51 -0.42 0.00	44.05 -0.63 0.00	50.32 -0.56 0.00	58.52 -0.59 0.00	50.33 -0.35 0.00	41.90 -0.17 0.00	38.98 -0.16 0.00	35.25 0.04 0.00	31.19 -0.06 0.00	28.38 -0.03 0.00
S.PERRY___115KV_TB1 80734	27.44 1.13 0.00	24.27 0.91 0.00	22.67 0.77 0.00	21.64 0.55 -0.04	21.39 0.56 0.00	22.22 0.75 0.00	23.84 0.78 0.00	24.82 0.58 0.00	27.53 0.41 0.00	29.69 0.64 0.00	30.71 0.78 0.00	32.75 0.36 0.00	33.71 0.00 0.00	35.78 -0.32 0.00	37.78 -0.15 0.00	44.19 -0.49 0.00	51.19 0.31 0.00	59.52 0.41 0.00	51.69 1.01 0.00	43.58 1.51 0.00	40.54 1.41 0.00	36.79 1.58 0.00	31.97 0.72 0.00	30.28 1.87 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.29 -0.03 0.00	23.26 -0.09 0.00	21.71 -0.20 0.00	20.67 -0.42 -0.04	20.45 -0.37 0.00	21.21 -0.26 0.00	22.85 -0.21 0.00	23.80 -0.44 0.00	26.49 -0.62 0.00	28.93 -0.12 0.00	30.08 0.15 0.00	31.35 -1.04 0.00	33.88 0.17 0.00	35.82 -0.29 0.00	37.70 -0.23 0.00	43.74 -0.94 0.00	50.83 -0.05 0.00	58.40 -0.71 0.00	50.48 -0.20 0.00	42.32 0.25 0.00	39.29 0.16 0.00	35.84 0.63 0.00	30.91 -0.34 0.00	29.12 0.71 0.00
SAWYER___23_KV_LOAD 55526	26.29 -0.03 0.00	23.26 -0.09 0.00	21.71 -0.20 0.00	20.67 -0.42 -0.04	20.45 -0.37 0.00	21.21 -0.26 0.00	22.85 -0.21 0.00	23.80 -0.44 0.00	26.49 -0.62 0.00	28.93 -0.12 0.00	30.08 0.15 0.00	31.35 -1.04 0.00	33.88 0.17 0.00	35.82 -0.29 0.00	37.70 -0.23 0.00	43.74 -0.94 0.00	50.83 -0.05 0.00	58.40 -0.71 0.00	50.48 -0.20 0.00	42.32 0.25 0.00	39.29 0.16 0.00	35.84 0.63 0.00	30.91 -0.34 0.00	29.12 0.71 0.00
SELKIRK___I 23801	27.52 1.21 0.00	24.48 1.12 0.00	22.95 1.05 0.00	22.39 1.01 -0.33	21.72 0.90 0.00	22.50 1.03 0.00	24.17 1.11 0.00	25.33 1.09 0.00	28.39 1.27 0.00	30.16 1.28 0.16	31.06 1.38 0.25	33.88 1.49 0.00	35.13 1.42 0.00	37.70 1.59 0.00	39.60 1.67 0.00	46.73 2.06 0.00	53.23 2.34 0.00	61.77 2.66 0.00	52.86 2.18 0.00	43.87 1.81 0.00	40.82 1.68 0.00	36.69 1.48 0.00	32.59 1.34 0.00	29.55 1.14 0.00
SELKIRK___II 23799	27.36 1.05 0.00	24.34 0.98 0.00	22.82 0.92 0.00	22.27 0.88 -0.33	21.58 0.75 0.00	22.35 0.88 0.00	24.03 0.97 0.00	25.21 0.97 0.00	28.26 1.14 0.00	29.99 1.13 0.19	30.93 1.29 0.29	33.75 1.36 0.00	34.99 1.28 0.00	37.56 1.45 0.00	39.48 1.56 0.00	46.55 1.88 0.00	53.02 2.14 0.00	61.48 2.37 0.00	52.61 1.93 0.00	43.58 1.51 0.00	40.54 1.41 0.00	36.44 1.23 0.00	32.41 1.16 0.00	29.37 0.97 0.00
SENECA OSWGO___HYD 24041	26.00 -0.31 0.00	23.08 -0.28 0.00	21.64 -0.26 0.00	20.80 -0.27 -0.02	20.52 -0.31 0.00	21.21 -0.26 0.00	22.76 -0.30 0.00	23.93 -0.32 0.00	26.74 -0.38 0.00	28.64 -0.41 0.00	29.36 -0.57 0.00	31.81 -0.58 0.00	33.27 -0.44 0.00	35.50 -0.61 0.00	37.28 -0.65 0.00	43.87 -0.80 0.00	50.22 -0.66 0.00	58.22 -0.89 0.00	49.97 -0.71 0.00	41.56 -0.50 0.00	38.67 -0.47 0.00	34.89 -0.32 0.00	30.94 -0.31 0.00	28.18 -0.23 0.00
SENECA___115KV_TB3 355854	26.55 0.24 0.00	23.50 0.14 0.00	21.90 0.00 0.00	20.76 -0.34 -0.04	20.64 -0.19 0.00	21.45 -0.02 0.00	23.08 0.02 0.00	24.12 -0.12 0.00	26.87 -0.24 0.00	29.31 0.26 0.00	30.50 0.57 0.00	31.87 -0.52 0.00	34.39 0.67 0.00	36.40 0.29 0.00	38.31 0.38 0.00	44.45 -0.22 0.00	51.60 0.71 0.00	59.29 0.18 0.00	51.19 0.51 0.00	42.91 0.84 0.00	39.84 0.70 0.00	36.34 1.13 0.00	31.34 0.09 0.00	29.43 1.02 0.00
SENECA___ENERGY 23797	26.42 0.11 0.00	23.43 0.07 0.00	21.93 0.02 0.00	21.02 -0.06 -0.03	20.75 -0.08 0.00	21.53 0.06 0.00	23.15 0.09 0.00	24.39 0.15 0.00	27.25 0.14 0.00	29.31 0.26 0.00	30.02 0.09 0.00	32.55 0.16 0.00	34.22 0.51 0.00	36.47 0.36 0.00	38.27 0.34 0.00	44.95 0.27 0.00	51.69 0.81 0.00	59.88 0.77 0.00	51.54 0.86 0.00	42.95 0.88 0.00	39.88 0.74 0.00	35.95 0.74 0.00	31.66 0.41 0.00	28.95 0.54 0.00
SHOEMAKER___GT 23640	27.81 1.50 0.00	24.66 1.31 0.00	23.09 1.18 0.00	22.44 1.16 -0.23	21.74 0.92 0.00	22.56 1.09 0.00	24.26 1.20 0.00	25.62 1.38 0.00	28.66 1.54 0.00	30.82 1.60 -0.18	32.00 1.80 -0.27	34.33 1.94 0.00	35.53 1.82 0.00	38.20 2.09 0.00	40.13 2.20 0.00	47.36 2.68 0.00	53.99 3.10 0.00	62.54 3.43 0.00	53.36 2.68 0.00	44.08 2.02 0.00	41.01 1.88 0.00	36.87 1.66 0.00	32.91 1.66 0.00	29.83 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	27.81 1.50 0.00	24.64 1.28 0.00	23.09 1.18 0.00	22.42 1.14 -0.23	21.79 0.96 0.00	22.56 1.09 0.00	24.24 1.18 0.00	25.62 1.38 0.00	28.66 1.55 0.00	30.82 1.60 -0.17	31.87 1.68 -0.27	34.40 2.01 0.00	35.64 1.92 0.00	38.28 2.17 0.00	40.13 2.20 0.00	47.45 2.77 0.00	54.04 3.15 0.00	62.60 3.49 0.00	53.42 2.74 0.00	44.13 2.06 0.00	41.05 1.92 0.00	36.83 1.62 0.00	32.91 1.66 0.00	29.83 1.42 0.00
SHOREHAM_IC_1 23715	35.68 2.92 -6.45	32.17 2.47 -6.33	26.35 2.19 -2.26	23.35 2.02 -0.28	22.81 1.98 0.00	23.68 2.21 0.00	25.53 2.47 0.00	29.20 2.57 -2.40	34.29 2.98 -4.18	35.47 3.08 -3.34	34.00 3.68 -0.39	40.31 3.66 -4.26	44.31 3.54 -7.06	50.64 4.04 -10.49	56.89 4.06 -14.90	97.91 4.87 -48.36	116.84 5.39 -60.56	131.72 6.03 -66.58	122.79 4.91 -67.19	94.93 3.49 -49.38	91.85 3.37 -49.35	49.93 3.10 -11.62	41.85 3.38 -7.23	34.75 2.95 -3.39
SHOREHAM_IC_2 23716	35.68 2.92 -6.45	32.17 2.47 -6.33	26.35 2.19 -2.26	23.35 2.02 -0.28	22.81 1.98 0.00	23.68 2.21 0.00	25.53 2.47 0.00	29.20 2.57 -2.40	34.29 2.98 -4.18	35.47 3.08 -3.34	34.00 3.68 -0.39	40.31 3.66 -4.26	44.31 3.54 -7.06	50.64 4.04 -10.49	56.89 4.06 -14.90	97.91 4.87 -48.36	116.84 5.39 -60.56	131.72 6.03 -66.58	122.79 4.91 -67.19	94.93 3.49 -49.38	91.85 3.37 -49.35	49.93 3.10 -11.62	41.85 3.38 -7.23	34.75 2.95 -3.39

SISSONVILLE____ 23735	25.13 -1.18 0.00	22.26 -1.10 0.00	20.83 -1.07 0.00	20.02 -1.03 0.00	19.93 -0.90 0.00	20.44 -1.03 0.00	21.98 -1.08 0.00	23.10 -1.14 0.00	25.82 -1.30 0.00	27.77 -1.28 0.00	28.61 -1.32 0.00	31.09 -1.30 0.00	32.20 -1.52 0.00	34.41 -1.70 0.00	36.11 -1.82 0.00	42.67 -2.01 0.00	48.34 -2.54 0.00	56.57 -2.54 0.00	48.80 -1.88 0.00	40.55 -1.51 0.00	37.77 -1.37 0.00	33.84 -1.37 0.00	29.97 -1.28 0.00	27.10 -1.31 0.00
SITHE_IND_GS1 24169	25.57 -0.74 0.00	22.73 -0.63 0.00	21.33 -0.57 0.00	20.50 -0.57 -0.02	20.25 -0.58 0.00	20.91 -0.56 0.00	22.41 -0.65 0.00	23.56 -0.68 0.00	26.33 -0.79 0.00	28.21 -0.84 0.00	28.97 -0.96 0.00	31.35 -1.04 0.00	32.81 -0.91 0.00	35.06 -1.05 0.00	36.83 -1.10 0.00	43.29 -1.39 0.00	49.46 -1.42 0.00	57.39 -1.72 0.00	49.26 -1.42 0.00	40.97 -1.09 0.00	38.08 -1.05 0.00	34.33 -0.88 0.00	30.41 -0.84 0.00	27.73 -0.68 0.00
SITHE_IND_GS2 24170	25.57 -0.74 0.00	22.73 -0.63 0.00	21.33 -0.57 0.00	20.50 -0.57 -0.02	20.25 -0.58 0.00	20.91 -0.56 0.00	22.41 -0.65 0.00	23.56 -0.68 0.00	26.33 -0.79 0.00	28.21 -0.84 0.00	28.97 -0.96 0.00	31.35 -1.04 0.00	32.81 -0.91 0.00	35.06 -1.05 0.00	36.83 -1.10 0.00	43.29 -1.39 0.00	49.46 -1.42 0.00	57.39 -1.72 0.00	49.26 -1.42 0.00	40.97 -1.09 0.00	38.08 -1.05 0.00	34.33 -0.88 0.00	30.41 -0.84 0.00	27.73 -0.68 0.00
SITHE_IND_GS3 24171	25.57 -0.74 0.00	22.73 -0.63 0.00	21.33 -0.57 0.00	20.50 -0.57 -0.02	20.25 -0.58 0.00	20.91 -0.56 0.00	22.41 -0.65 0.00	23.56 -0.68 0.00	26.33 -0.79 0.00	28.21 -0.84 0.00	28.97 -0.96 0.00	31.35 -1.04 0.00	32.81 -0.91 0.00	35.06 -1.05 0.00	36.83 -1.10 0.00	43.29 -1.39 0.00	49.46 -1.42 0.00	57.39 -1.72 0.00	49.26 -1.42 0.00	40.97 -1.09 0.00	38.08 -1.05 0.00	34.33 -0.88 0.00	30.41 -0.84 0.00	27.73 -0.68 0.00
SITHE_IND_GS4 24172	25.57 -0.74 0.00	22.73 -0.63 0.00	21.33 -0.57 0.00	20.50 -0.57 -0.02	20.25 -0.58 0.00	20.91 -0.56 0.00	22.41 -0.65 0.00	23.56 -0.68 0.00	26.33 -0.79 0.00	28.21 -0.84 0.00	28.97 -0.96 0.00	31.35 -1.04 0.00	32.81 -0.91 0.00	35.06 -1.05 0.00	36.83 -1.10 0.00	43.29 -1.39 0.00	49.46 -1.42 0.00	57.39 -1.72 0.00	49.26 -1.42 0.00	40.97 -1.09 0.00	38.08 -1.05 0.00	34.33 -0.88 0.00	30.41 -0.84 0.00	27.73 -0.68 0.00
SITHE____BATAVIA 24024	26.89 0.58 0.00	23.78 0.42 0.00	22.14 0.24 0.00	21.11 0.02 -0.03	20.89 0.06 0.00	21.71 0.24 0.00	23.22 0.16 0.00	24.34 0.10 0.00	27.12 0.00 0.00	29.51 0.46 0.00	29.84 -0.09 0.00	32.32 -0.06 0.00	34.86 1.15 0.00	36.94 0.83 0.00	38.61 0.68 0.00	44.86 0.18 0.00	52.26 1.37 0.00	60.23 1.12 0.00	52.10 1.42 0.00	43.87 1.81 0.00	40.70 1.57 0.00	36.80 1.59 0.00	31.75 0.50 0.00	29.74 1.34 0.00
SITHE____INDEPEND 23800	25.57 -0.74 0.00	22.73 -0.63 0.00	21.31 -0.59 0.00	20.50 -0.57 -0.02	20.25 -0.58 0.00	20.91 -0.56 0.00	22.44 -0.62 0.00	23.56 -0.68 0.00	26.33 -0.79 0.00	28.21 -0.84 0.00	29.06 -0.87 0.00	31.35 -1.04 0.00	32.77 -0.94 0.00	35.03 -1.08 0.00	36.79 -1.14 0.00	43.29 -1.39 0.00	49.46 -1.42 0.00	57.34 -1.77 0.00	49.21 -1.47 0.00	40.93 -1.14 0.00	38.08 -1.06 0.00	34.33 -0.88 0.00	30.38 -0.88 0.00	27.70 -0.71 0.00
SITHE____MASSENA 23902	25.73 -0.58 0.00	22.82 -0.54 0.00	21.36 -0.55 0.00	20.55 -0.51 0.00	20.47 -0.35 0.00	20.93 -0.54 0.00	22.48 -0.58 0.00	23.64 -0.61 0.00	26.44 -0.68 0.00	28.41 -0.64 0.00	29.30 -0.63 0.00	31.74 -0.65 0.00	32.90 -0.81 0.00	35.17 -0.94 0.00	36.94 -0.99 0.00	43.65 -1.03 0.00	49.46 -1.42 0.00	57.81 -1.30 0.00	49.77 -0.91 0.00	41.31 -0.76 0.00	38.47 -0.67 0.00	34.51 -0.70 0.00	30.59 -0.66 0.00	27.70 -0.71 0.00
SITHE____OGDNSBRG 24021	25.79 -0.53 0.00	22.84 -0.51 0.00	21.38 -0.53 0.00	20.53 -0.53 0.00	20.43 -0.40 0.00	20.95 -0.52 0.00	22.53 -0.53 0.00	23.64 -0.61 0.00	26.41 -0.71 0.00	28.41 -0.64 0.00	29.27 -0.66 0.00	31.84 -0.55 0.00	32.97 -0.74 0.00	35.21 -0.90 0.00	37.02 -0.91 0.00	43.65 -1.03 0.00	49.46 -1.42 0.00	57.93 -1.18 0.00	49.97 -0.71 0.00	41.52 -0.55 0.00	38.71 -0.43 0.00	34.68 -0.53 0.00	30.69 -0.56 0.00	27.75 -0.65 0.00
SITHE____STERLING 23777	26.99 0.68 0.00	23.89 0.54 0.00	22.41 0.50 0.00	21.51 0.44 -0.01	21.22 0.39 0.00	21.98 0.51 0.00	23.64 0.58 0.00	24.82 0.58 0.00	27.74 0.62 0.00	29.75 0.70 0.00	30.65 0.72 0.00	33.30 0.91 0.00	34.76 1.05 0.00	37.08 0.98 0.00	38.99 1.06 0.00	45.84 1.16 0.00	52.51 1.63 0.00	60.94 1.83 0.00	52.40 1.72 0.00	43.54 1.47 0.00	40.47 1.33 0.00	36.41 1.20 0.00	32.12 0.87 0.00	29.18 0.77 0.00
SLEIGHT__34_KV_TB1 80719	27.00 0.68 0.00	23.94 0.58 0.00	22.39 0.48 0.00	21.50 0.42 -0.03	21.22 0.40 0.00	22.01 0.54 0.00	23.68 0.62 0.00	24.99 0.75 0.00	27.96 0.84 0.00	30.09 1.05 0.00	31.04 1.11 0.00	33.43 1.04 0.00	35.20 1.48 0.00	37.59 1.48 0.00	39.41 1.48 0.00	46.29 1.61 0.00	53.22 2.34 0.00	61.59 2.48 0.00	52.96 2.28 0.00	44.13 2.06 0.00	40.94 1.80 0.00	36.90 1.69 0.00	32.38 1.13 0.00	29.54 1.14 0.00
SOUTH CAIRO____GT 23612	28.23 1.92 0.00	25.06 1.70 0.00	23.46 1.56 0.00	22.82 1.45 -0.31	22.12 1.29 0.00	22.91 1.44 0.00	24.65 1.59 0.00	25.74 1.50 0.00	28.88 1.76 0.00	30.91 1.98 0.12	31.76 2.01 0.18	34.30 1.91 0.00	35.60 1.89 0.00	38.42 2.31 0.00	40.39 2.46 0.00	47.58 2.90 0.00	54.39 3.51 0.00	63.31 4.20 0.00	54.38 3.70 0.00	45.30 3.24 0.00	42.23 3.09 0.00	37.82 2.61 0.00	33.47 2.22 0.00	30.14 1.73 0.00
SOUTH HAMPTN____IC 23720	36.37 3.60 -6.45	32.77 3.08 -6.33	26.90 2.74 -2.26	23.90 2.57 -0.28	23.26 2.44 0.00	24.15 2.68 0.00	26.06 3.00 0.00	29.84 3.20 -2.40	35.07 3.77 -4.18	36.37 3.98 -3.34	34.93 4.61 -0.39	41.40 4.69 -4.31	45.19 4.65 -6.82	51.63 5.23 -10.28	57.87 5.35 -14.59	97.72 6.39 -46.65	113.91 7.22 -55.81	130.12 8.10 -62.91	121.83 6.64 -64.51	94.36 4.84 -47.46	91.11 4.58 -47.40	50.71 4.15 -11.35	42.48 4.28 -6.95	35.54 3.78 -3.35
SOUTHDOW_115KV_TB1 355954	27.18 0.87 0.00	24.03 0.68 0.00	22.41 0.50 0.00	21.05 -0.04 -0.04	21.10 0.27 0.00	21.98 0.52 0.00	23.78 0.71 0.00	25.04 0.80 0.00	27.93 0.81 0.00	30.39 1.34 0.00	31.61 1.68 0.00	33.10 0.71 0.00	35.74 2.02 0.00	37.63 1.52 0.00	39.56 1.63 0.00	45.97 1.30 0.00	53.22 2.34 0.00	61.00 1.89 0.00	52.61 1.93 0.00	44.08 2.02 0.00	40.90 1.76 0.00	37.53 2.32 0.00	32.44 1.19 0.00	30.17 1.76 0.00
SOUTHOLD_69_KV_BK 2 55809	37.05 4.29 -6.45	33.38 3.69 -6.33	27.53 3.37 -2.26	24.55 3.22 -0.28	23.95 3.12 0.00	24.80 3.33 0.00	26.24 3.18 0.00	30.59 3.95 -2.40	35.83 4.53 -4.18	37.24 4.85 -3.34	35.68 5.36 -0.39	42.76 6.06 -4.32	46.77 6.24 -6.82	51.30 6.86 -8.33	59.50 6.98 -14.60	99.75 8.40 -46.67	99.04 9.72 -38.44	133.35 11.17 -63.07	124.39 9.17 -64.54	96.70 7.15 -47.48	93.09 6.54 -47.42	52.20 5.63 -11.35	43.48 5.28 -6.95	36.39 4.63 -3.35

SOUTHOLD___IC 23719	37.10 4.34 -6.45	33.41 3.71 -6.33	27.49 3.33 -2.26	24.45 3.12 -0.28	23.77 2.94 0.00	24.67 3.20 0.00	26.63 3.57 0.00	30.49 3.85 -2.40	35.91 4.61 -4.18	37.30 4.91 -3.34	35.88 5.57 -0.39	42.50 5.80 -4.32	46.40 5.87 -6.82	52.93 6.54 -10.29	59.28 6.75 -14.60	99.39 8.04 -46.67	116.09 9.21 -56.00	132.52 10.34 -63.07	123.73 8.51 -64.54	95.90 6.35 -47.48	92.50 5.95 -47.42	51.88 5.32 -11.35	43.42 5.22 -6.95	36.39 4.63 -3.35
SPIERFLS_115KV_TB 1 80737	27.65 1.34 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.41 1.01 -0.35	21.77 0.94 0.00	22.54 1.07 0.00	24.28 1.22 0.00	25.57 1.33 0.00	28.66 1.55 0.00	30.30 1.51 0.26	30.76 1.23 0.40	33.85 1.46 0.00	34.96 1.25 0.00	37.52 1.41 0.00	39.37 1.44 0.00	46.60 1.92 0.00	53.73 2.85 0.00	62.42 3.31 0.00	53.42 2.74 0.00	44.42 2.36 0.00	41.52 2.39 0.00	37.22 2.01 0.00	32.91 1.66 0.00	29.71 1.31 0.00
ST LAWRENCE____ 23600	25.57 -0.74 0.00	22.68 -0.68 0.00	21.25 -0.66 0.00	20.44 -0.61 0.00	20.39 -0.44 0.00	20.83 -0.64 0.00	22.37 -0.69 0.00	23.54 -0.70 0.00	26.33 -0.79 0.00	28.24 -0.81 0.00	29.12 -0.81 0.00	31.55 -0.84 0.00	32.74 -0.98 0.00	35.03 -1.08 0.00	36.79 -1.14 0.00	43.43 -1.25 0.00	49.21 -1.68 0.00	57.45 -1.65 0.00	49.41 -1.27 0.00	41.02 -1.05 0.00	38.16 -0.98 0.00	34.26 -0.95 0.00	30.41 -0.84 0.00	27.58 -0.82 0.00
STATE_CA_115KV_115_LB 55624	27.47 1.16 0.00	24.45 1.10 0.00	22.91 1.01 0.00	22.34 0.95 -0.34	21.70 0.87 0.00	22.44 0.97 0.00	24.10 1.04 0.00	25.33 1.09 0.00	28.42 1.30 0.00	30.08 1.28 0.25	30.86 1.32 0.38	33.98 1.59 0.00	35.23 1.52 0.00	37.84 1.73 0.00	39.67 1.74 0.00	46.82 2.14 0.00	53.38 2.49 0.00	61.95 2.84 0.00	52.96 2.28 0.00	43.92 1.85 0.00	40.86 1.72 0.00	36.65 1.44 0.00	32.59 1.34 0.00	29.49 1.08 0.00
STATE_ST_34_KV_LOAD 55959	26.81 0.50 0.00	23.80 0.44 0.00	22.28 0.37 0.00	21.40 0.32 -0.03	21.14 0.31 0.00	21.88 0.41 0.00	23.50 0.44 0.00	24.75 0.51 0.00	27.71 0.60 0.00	29.75 0.70 0.00	30.65 0.72 0.00	32.84 0.45 0.00	34.42 0.71 0.00	36.80 0.69 0.00	38.88 0.95 0.00	45.71 1.03 0.00	52.41 1.53 0.00	60.71 1.60 0.00	52.20 1.52 0.00	43.45 1.39 0.00	40.35 1.21 0.00	36.41 1.20 0.00	32.09 0.84 0.00	29.23 0.82 0.00
STATION 5_MISC_HYD 23604	26.52 0.21 0.00	23.47 0.12 0.00	21.97 0.07 0.00	21.04 -0.04 -0.03	20.70 -0.12 0.00	21.47 0.00 0.00	23.04 -0.02 0.00	24.19 -0.05 0.00	27.04 -0.08 0.00	29.31 0.26 0.00	29.78 -0.15 0.00	32.20 -0.19 0.00	34.35 0.64 0.00	36.61 0.51 0.00	38.35 0.42 0.00	44.77 0.09 0.00	51.80 0.92 0.00	59.88 0.77 0.00	51.59 0.91 0.00	43.16 1.09 0.00	40.07 0.94 0.00	36.16 0.95 0.00	31.47 0.22 0.00	29.23 0.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.55 0.24 0.00	23.52 0.16 0.00	21.99 0.09 0.00	21.10 0.02 -0.03	20.81 -0.02 0.00	21.56 0.09 0.00	23.20 0.14 0.00	24.41 0.17 0.00	27.28 0.16 0.00	29.48 0.44 0.00	30.50 0.57 0.00	32.52 0.13 0.00	34.46 0.74 0.00	36.72 0.61 0.00	38.57 0.64 0.00	45.17 0.49 0.00	52.10 1.22 0.00	60.23 1.12 0.00	51.85 1.17 0.00	43.29 1.22 0.00	40.19 1.06 0.00	36.27 1.06 0.00	31.66 0.41 0.00	29.17 0.77 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.34 0.03 0.00	23.31 -0.05 0.00	21.79 -0.11 0.00	20.91 -0.17 -0.03	20.60 -0.23 0.00	21.34 -0.13 0.00	22.94 -0.12 0.00	24.07 -0.17 0.00	26.90 -0.22 0.00	29.17 0.12 0.00	30.20 0.27 0.00	31.97 -0.42 0.00	34.02 0.30 0.00	36.22 0.11 0.00	38.16 0.23 0.00	44.59 -0.09 0.00	51.54 0.66 0.00	59.52 0.41 0.00	51.19 0.51 0.00	42.82 0.76 0.00	39.76 0.63 0.00	35.91 0.70 0.00	31.25 0.00 0.00	28.98 0.57 0.00
STA_56___34_KV_BUS2 355983	26.34 0.03 0.00	23.31 -0.05 0.00	21.79 -0.11 0.00	20.91 -0.17 -0.03	20.60 -0.23 0.00	21.34 -0.13 0.00	22.94 -0.12 0.00	24.07 -0.17 0.00	26.90 -0.22 0.00	29.17 0.12 0.00	30.20 0.27 0.00	31.97 -0.42 0.00	34.02 0.30 0.00	36.22 0.11 0.00	38.16 0.23 0.00	44.59 -0.09 0.00	51.54 0.66 0.00	59.52 0.41 0.00	51.19 0.51 0.00	42.82 0.76 0.00	39.76 0.63 0.00	35.91 0.70 0.00	31.25 0.00 0.00	28.98 0.57 0.00
STA_67___115KV_BK2 355882	26.44 0.13 0.00	23.43 0.07 0.00	21.88 -0.02 0.00	21.02 -0.06 -0.03	20.68 -0.15 0.00	21.43 -0.04 0.00	23.04 -0.02 0.00	24.14 -0.10 0.00	26.96 -0.16 0.00	29.22 0.17 0.00	30.29 0.36 0.00	32.00 -0.39 0.00	34.08 0.37 0.00	36.22 0.11 0.00	38.16 0.23 0.00	44.59 -0.09 0.00	51.54 0.66 0.00	59.52 0.41 0.00	51.24 0.56 0.00	42.86 0.80 0.00	39.80 0.67 0.00	36.02 0.81 0.00	31.31 0.06 0.00	29.09 0.68 0.00
STA_7___115KV_9TRANS 80674	26.65 0.34 0.00	23.61 0.26 0.00	22.06 0.15 0.00	21.15 0.06 -0.03	20.83 0.00 0.00	21.58 0.11 0.00	23.20 0.14 0.00	24.34 0.10 0.00	27.20 0.08 0.00	29.48 0.44 0.00	30.56 0.63 0.00	32.29 -0.10 0.00	34.42 0.71 0.00	36.61 0.51 0.00	38.57 0.64 0.00	45.04 0.36 0.00	52.10 1.22 0.00	60.17 1.06 0.00	51.85 1.17 0.00	43.37 1.30 0.00	40.27 1.13 0.00	36.41 1.20 0.00	31.63 0.38 0.00	29.35 0.94 0.00
STA_82___115KV_TB1 80780	26.47 0.16 0.00	23.43 0.07 0.00	21.90 0.00 0.00	21.02 -0.06 -0.03	20.68 -0.15 0.00	21.43 -0.04 0.00	23.06 0.00 0.00	24.14 -0.10 0.00	26.98 -0.14 0.00	29.25 0.20 0.00	30.32 0.39 0.00	32.00 -0.39 0.00	34.08 0.37 0.00	36.25 0.14 0.00	38.19 0.27 0.00	44.59 -0.09 0.00	51.60 0.71 0.00	59.52 0.41 0.00	51.29 0.61 0.00	42.91 0.84 0.00	39.84 0.70 0.00	36.06 0.85 0.00	31.34 0.09 0.00	29.12 0.71 0.00
STEEL___WIND 323596	26.55 0.24 0.00	23.47 0.12 0.00	21.90 0.00 0.00	20.80 -0.29 -0.04	20.60 -0.23 0.00	21.43 -0.04 0.00	22.99 -0.07 0.00	24.12 -0.12 0.00	26.85 -0.27 0.00	29.28 0.23 0.00	29.63 -0.30 0.00	32.00 -0.39 0.00	34.62 0.91 0.00	36.72 0.61 0.00	38.31 0.38 0.00	44.50 -0.18 0.00	51.69 0.81 0.00	59.41 0.30 0.00	51.39 0.71 0.00	43.12 1.05 0.00	40.04 0.90 0.00	36.34 1.13 0.00	31.38 0.13 0.00	29.49 1.08 0.00
STEPHTWN_115KV_BK_2 55603	27.68 1.37 0.00	24.59 1.24 0.00	23.02 1.12 0.00	22.44 1.05 -0.34	21.81 0.98 0.00	22.56 1.09 0.00	24.28 1.22 0.00	25.53 1.28 0.00	28.64 1.52 0.00	30.31 1.51 0.25	31.08 1.53 0.37	34.24 1.85 0.00	35.47 1.75 0.00	38.10 1.99 0.00	39.90 1.97 0.00	47.09 2.41 0.00	53.68 2.80 0.00	62.36 3.25 0.00	53.37 2.69 0.00	44.29 2.23 0.00	41.17 2.04 0.00	36.90 1.69 0.00	32.81 1.56 0.00	29.69 1.28 0.00
STEUBEN_REC_LFGE 323667	27.18 0.87 0.00	24.06 0.70 0.00	22.47 0.57 0.00	21.34 0.23 -0.05	21.22 0.40 0.00	22.09 0.62 0.00	23.82 0.76 0.00	25.04 0.80 0.00	27.90 0.79 0.00	30.18 1.13 0.00	31.28 1.35 0.00	33.26 0.87 0.00	35.43 1.72 0.00	37.55 1.44 0.00	39.41 1.48 0.00	45.97 1.30 0.00	53.27 2.39 0.00	61.41 2.31 0.00	53.01 2.33 0.00	44.38 2.31 0.00	41.13 2.00 0.00	37.36 2.15 0.00	32.44 1.19 0.00	30.03 1.62 0.00

STONY___BROOK 24151	35.89 3.13 -6.45	32.38 2.68 -6.33	26.53 2.37 -2.26	23.54 2.21 -0.28	22.85 2.02 0.00	23.72 2.25 0.00	25.60 2.54 0.00	29.47 2.83 -2.40	34.50 3.20 -4.18	35.76 3.37 -3.34	33.99 3.68 -0.39	39.66 3.56 -3.71	45.52 3.37 -8.43	51.65 3.87 -11.67	58.56 4.02 -16.61	107.56 4.83 -58.05	129.59 5.29 -73.41	139.86 5.73 -75.02	137.66 4.61 -82.37	105.59 3.32 -60.20	102.72 3.17 -60.42	50.93 2.82 -12.90	43.46 3.41 -8.80	35.20 3.24 -3.55
STURGEON_POOL_HYD 23609	28.05 1.74 0.00	24.83 1.47 0.00	23.26 1.36 0.00	22.58 1.26 -0.27	21.91 1.08 0.00	22.67 1.20 0.00	24.35 1.29 0.00	25.79 1.55 0.00	28.85 1.74 0.00	31.14 2.00 -0.08	32.15 2.10 -0.13	34.79 2.40 0.00	35.94 2.23 0.00	38.67 2.56 0.00	40.47 2.54 0.00	47.89 3.22 0.00	54.50 3.61 0.00	63.07 3.96 0.00	53.72 3.04 0.00	44.29 2.23 0.00	41.17 2.04 0.00	36.90 1.69 0.00	33.13 1.88 0.00	30.00 1.59 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.94 1.63 0.00	24.76 1.40 0.00	23.17 1.27 0.00	22.51 1.22 -0.24	21.87 1.04 0.00	22.65 1.18 0.00	24.33 1.27 0.00	25.79 1.55 0.00	28.85 1.74 0.00	31.04 1.80 -0.19	32.10 1.89 -0.28	34.72 2.33 0.00	35.94 2.23 0.00	38.64 2.53 0.00	40.43 2.50 0.00	47.81 3.13 0.00	54.50 3.61 0.00	63.01 3.90 0.00	53.72 3.04 0.00	44.34 2.27 0.00	41.21 2.07 0.00	36.97 1.76 0.00	33.09 1.84 0.00	29.97 1.56 0.00
SWANROAD_115KV_TB1 355699	25.89 -0.42 0.00	22.96 -0.40 0.00	21.27 -0.64 0.00	20.31 -0.78 -0.04	20.20 -0.62 0.00	20.95 -0.52 0.00	22.39 -0.67 0.00	23.27 -0.97 0.00	25.90 -1.22 0.00	28.29 -0.76 0.00	29.42 -0.51 0.00	30.58 -1.81 0.00	33.04 -0.67 0.00	34.92 -1.19 0.00	36.79 -1.14 0.00	42.62 -2.06 0.00	49.56 -1.32 0.00	56.98 -2.13 0.00	49.26 -1.42 0.00	41.35 -0.72 0.00	38.43 -0.70 0.00	35.07 -0.14 0.00	30.22 -1.03 0.00	28.55 0.14 0.00
SYNERGY___BIOGAS 323694	26.89 0.58 0.00	23.78 0.42 0.00	22.14 0.24 0.00	21.11 0.02 -0.03	20.89 0.06 0.00	21.71 0.24 0.00	23.22 0.16 0.00	24.34 0.10 0.00	27.12 0.00 0.00	29.51 0.46 0.00	29.84 -0.09 0.00	32.32 -0.06 0.00	34.86 1.15 0.00	36.94 0.83 0.00	38.61 0.68 0.00	44.86 0.18 0.00	52.26 1.37 0.00	60.23 1.12 0.00	52.10 1.42 0.00	43.87 1.81 0.00	40.70 1.57 0.00	36.80 1.59 0.00	31.75 0.50 0.00	29.74 1.34 0.00
SYRACUSE___ENERGY_ST1 323597	26.36 0.05 0.00	23.40 0.05 0.00	21.93 0.02 0.00	21.08 0.00 -0.03	20.81 -0.02 0.00	21.51 0.04 0.00	23.11 0.05 0.00	24.29 0.05 0.00	27.15 0.03 0.00	29.11 0.06 0.00	29.99 0.06 0.00	32.36 -0.03 0.00	33.88 0.17 0.00	36.22 0.11 0.00	38.04 0.11 0.00	44.72 0.04 0.00	51.19 0.31 0.00	59.29 0.18 0.00	50.88 0.20 0.00	42.32 0.25 0.00	39.37 0.23 0.00	35.53 0.32 0.00	31.41 0.16 0.00	28.58 0.17 0.00
SYRACUSE___ENERGY_ST2 323598	26.36 0.05 0.00	23.40 0.05 0.00	21.93 0.02 0.00	21.08 0.00 -0.03	20.81 -0.02 0.00	21.51 0.04 0.00	23.11 0.05 0.00	24.29 0.05 0.00	27.15 0.03 0.00	29.11 0.06 0.00	29.99 0.06 0.00	32.36 -0.03 0.00	33.88 0.17 0.00	36.22 0.11 0.00	38.04 0.11 0.00	44.72 0.04 0.00	51.19 0.31 0.00	59.29 0.18 0.00	50.88 0.20 0.00	42.32 0.25 0.00	39.37 0.23 0.00	35.53 0.32 0.00	31.41 0.16 0.00	28.58 0.17 0.00
SYRACUSE___POWER 24017	26.29 -0.03 0.00	23.33 -0.02 0.00	21.86 -0.04 0.00	20.99 -0.08 -0.03	20.72 -0.10 0.00	21.43 -0.04 0.00	23.04 -0.02 0.00	24.24 0.00 0.00	27.09 -0.03 0.00	29.08 0.03 0.00	29.96 0.03 0.00	32.32 -0.06 0.00	33.85 0.13 0.00	36.22 0.11 0.00	38.04 0.11 0.00	44.72 0.04 0.00	51.19 0.31 0.00	59.35 0.24 0.00	50.88 0.20 0.00	42.32 0.25 0.00	39.33 0.20 0.00	35.49 0.28 0.00	31.34 0.09 0.00	28.55 0.14 0.00
TALLMAN___138KV_BK151 55660	28.18 1.87 0.00	24.97 1.61 0.00	23.35 1.45 0.00	22.71 1.41 -0.25	22.04 1.21 0.00	22.82 1.35 0.00	24.51 1.45 0.00	26.08 1.84 0.00	29.18 2.06 0.00	31.37 2.12 -0.20	32.48 2.24 -0.31	35.08 2.69 0.00	36.24 2.53 0.00	39.00 2.89 0.00	40.85 2.92 0.00	48.34 3.66 0.00	55.06 4.17 0.00	63.60 4.49 0.00	54.18 3.50 0.00	44.63 2.57 0.00	41.48 2.35 0.00	37.22 2.01 0.00	33.38 2.13 0.00	30.23 1.82 0.00
TEALLAVE_115KV_TB7 355573	26.18 -0.13 0.00	23.24 -0.12 0.00	21.77 -0.13 0.00	20.93 -0.15 -0.02	20.66 -0.17 0.00	21.36 -0.11 0.00	22.94 -0.12 0.00	24.14 -0.10 0.00	27.01 -0.11 0.00	28.99 -0.06 0.00	29.87 -0.06 0.00	32.23 -0.16 0.00	33.75 0.03 0.00	36.07 -0.04 0.00	37.89 -0.04 0.00	44.54 -0.13 0.00	50.99 0.10 0.00	59.05 -0.06 0.00	50.68 0.00 0.00	42.15 0.08 0.00	39.17 0.04 0.00	35.32 0.11 0.00	31.22 -0.03 0.00	28.44 0.03 0.00
TELGRAPH_34_KV_EAST 80808	26.47 0.16 0.00	23.45 0.09 0.00	21.79 -0.11 0.00	20.79 -0.29 -0.04	20.62 -0.21 0.00	21.38 -0.09 0.00	22.94 -0.12 0.00	23.93 -0.32 0.00	26.66 -0.46 0.00	29.05 0.00 0.00	30.23 0.30 0.00	31.55 -0.84 0.00	34.02 0.30 0.00	36.00 -0.11 0.00	37.89 -0.04 0.00	43.96 -0.71 0.00	51.14 0.25 0.00	58.81 -0.30 0.00	50.83 0.15 0.00	42.65 0.59 0.00	39.64 0.51 0.00	36.09 0.88 0.00	31.09 -0.16 0.00	29.23 0.82 0.00
TEMPLE___115KV_TB 2 55572	26.21 -0.11 0.00	23.26 -0.09 0.00	21.79 -0.11 0.00	20.95 -0.13 -0.02	20.68 -0.15 0.00	21.38 -0.09 0.00	22.97 -0.09 0.00	24.17 -0.07 0.00	27.04 -0.08 0.00	29.02 -0.03 0.00	29.90 -0.03 0.00	32.26 -0.13 0.00	33.78 0.07 0.00	36.11 0.00 0.00	37.93 0.00 0.00	44.59 -0.09 0.00	51.04 0.15 0.00	59.11 0.00 0.00	50.73 0.05 0.00	42.15 0.08 0.00	39.21 0.08 0.00	35.35 0.14 0.00	31.25 0.00 0.00	28.46 0.06 0.00
TIANA___69_KV_BK 1 55817	36.16 3.39 -6.45	32.59 2.90 -6.33	26.81 2.65 -2.26	23.86 2.53 -0.28	23.31 2.48 0.00	24.13 2.66 0.00	25.53 2.47 0.00	29.76 3.13 -2.40	34.80 3.50 -4.18	36.11 3.72 -3.34	34.42 4.10 -0.39	41.37 4.66 -4.31	45.29 4.75 -6.82	49.64 5.20 -8.33	57.76 5.23 -14.60	97.73 6.39 -46.67	96.56 7.28 -38.40	130.54 8.39 -63.04	122.06 6.84 -64.53	94.84 5.30 -47.48	91.40 4.85 -47.41	50.75 4.19 -11.35	42.30 4.09 -6.95	35.34 3.58 -3.35
TILDEN___115KV_TB1 80814	26.29 -0.03 0.00	23.33 -0.02 0.00	21.86 -0.04 0.00	20.99 -0.08 -0.03	20.72 -0.10 0.00	21.43 -0.04 0.00	23.04 -0.02 0.00	24.24 0.00 0.00	27.09 -0.03 0.00	29.08 0.03 0.00	29.96 0.03 0.00	32.32 -0.06 0.00	33.85 0.13 0.00	36.22 0.11 0.00	38.04 0.11 0.00	44.72 0.04 0.00	51.19 0.31 0.00	59.35 0.24 0.00	50.88 0.20 0.00	42.32 0.25 0.00	39.33 0.20 0.00	35.49 0.28 0.00	31.34 0.09 0.00	28.55 0.14 0.00
TRIGEN___CC 323695	35.32 2.55 -6.45	31.86 2.17 -6.33	26.15 1.99 -2.26	23.27 1.94 -0.28	22.54 1.71 0.00	23.36 1.89 0.00	24.97 1.91 0.00	29.11 2.47 -2.40	34.04 2.74 -4.18	35.23 2.85 -3.34	33.19 2.90 -0.36	36.02 3.37 -0.26	37.97 3.27 -0.99	45.00 3.61 -5.28	48.96 3.72 -7.31	54.77 4.60 -5.49	59.46 5.19 -3.38	64.86 5.73 -0.02	55.26 4.56 -0.02	46.99 3.45 -1.47	42.73 3.21 -0.38	37.89 2.68 0.00	34.35 2.84 -0.26	32.92 2.53 -1.99

TRINITY__115KV__4 BK 55933	27.39 1.08 0.00	24.36 1.00 0.00	22.82 0.92 0.00	22.27 0.88 -0.34	21.62 0.79 0.00	22.37 0.90 0.00	24.03 0.97 0.00	25.24 0.99 0.00	28.28 1.17 0.00	29.96 1.16 0.25	30.72 1.17 0.38	33.81 1.43 0.00	35.06 1.35 0.00	37.66 1.55 0.00	39.52 1.59 0.00	46.64 1.97 0.00	53.12 2.24 0.00	61.59 2.48 0.00	52.71 2.03 0.00	43.71 1.64 0.00	40.62 1.49 0.00	36.48 1.27 0.00	32.44 1.19 0.00	29.37 0.97 0.00
UNION__PROCESSING_DRP 323587	26.47 0.16 0.00	23.45 0.09 0.00	21.90 0.00 0.00	21.04 -0.04 -0.03	20.70 -0.12 0.00	21.45 -0.02 0.00	23.06 0.00 0.00	24.17 -0.07 0.00	26.98 -0.14 0.00	29.28 0.23 0.00	30.32 0.39 0.00	32.03 -0.36 0.00	34.12 0.40 0.00	36.29 0.18 0.00	38.23 0.30 0.00	44.63 -0.04 0.00	51.60 0.71 0.00	59.58 0.47 0.00	51.34 0.66 0.00	42.91 0.84 0.00	39.88 0.74 0.00	36.09 0.88 0.00	31.38 0.12 0.00	29.15 0.74 0.00
UPPER HUDSON__HYD 24058	27.65 1.34 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.43 1.03 -0.35	21.72 0.90 0.00	22.54 1.07 0.00	24.30 1.24 0.00	25.57 1.33 0.00	28.66 1.54 0.00	30.30 1.51 0.26	30.91 1.38 0.40	33.81 1.42 0.00	34.93 1.21 0.00	37.48 1.37 0.00	39.37 1.44 0.00	46.60 1.92 0.00	53.68 2.80 0.00	62.42 3.31 0.00	53.36 2.68 0.00	44.38 2.31 0.00	41.52 2.39 0.00	37.22 2.01 0.00	32.91 1.66 0.00	29.72 1.31 0.00
UPPER RAQUET__HYD 24056	25.13 -1.18 0.00	22.26 -1.10 0.00	20.83 -1.07 0.00	20.02 -1.03 0.00	19.97 -0.85 0.00	20.44 -1.03 0.00	21.98 -1.08 0.00	23.10 -1.14 0.00	25.82 -1.30 0.00	27.77 -1.28 0.00	28.64 -1.29 0.00	31.09 -1.30 0.00	32.20 -1.52 0.00	34.38 -1.73 0.00	36.11 -1.82 0.00	42.67 -2.01 0.00	48.34 -2.54 0.00	56.57 -2.54 0.00	48.81 -1.87 0.00	40.55 -1.51 0.00	37.76 -1.37 0.00	33.84 -1.37 0.00	29.97 -1.28 0.00	27.04 -1.36 0.00
VALLEY44_115KV_TB2 355964	26.34 0.03 0.00	23.29 -0.07 0.00	21.75 -0.15 0.00	20.23 -0.86 -0.05	20.47 -0.35 0.00	21.32 -0.15 0.00	23.01 -0.05 0.00	24.22 -0.02 0.00	27.01 -0.11 0.00	29.34 0.29 0.00	30.44 0.51 0.00	32.10 -0.29 0.00	34.56 0.84 0.00	36.36 0.25 0.00	38.23 0.30 0.00	44.54 -0.13 0.00	51.60 0.71 0.00	59.17 0.06 0.00	50.93 0.25 0.00	42.70 0.63 0.00	39.57 0.43 0.00	36.27 1.06 0.00	31.41 0.16 0.00	29.29 0.88 0.00
VALLEY__115KV_TB 1-4 80826	26.47 0.16 0.00	23.47 0.12 0.00	22.01 0.11 0.00	21.16 0.11 0.00	20.89 0.06 0.00	21.58 0.11 0.00	23.15 0.09 0.00	24.31 0.07 0.00	27.23 0.11 0.00	29.17 0.12 0.00	30.08 0.15 0.00	32.71 0.32 0.00	34.05 0.34 0.00	36.43 0.32 0.00	38.12 0.19 0.00	44.86 0.18 0.00	51.14 0.25 0.00	59.35 0.24 0.00	50.88 0.20 0.00	42.23 0.17 0.00	39.29 0.16 0.00	35.46 0.25 0.00	31.47 0.22 0.00	28.61 0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.97 1.66 0.00	24.73 1.38 0.00	23.26 1.36 0.00	22.39 1.24 -0.09	22.00 1.17 0.00	22.82 1.35 0.00	24.56 1.50 0.00	25.77 1.53 0.00	28.77 1.65 0.00	30.85 1.80 0.00	31.81 1.89 0.00	34.40 2.01 0.00	35.77 2.06 0.00	38.28 2.17 0.00	40.32 2.39 0.00	47.45 2.77 0.00	54.14 3.26 0.00	62.71 3.61 0.00	53.77 3.09 0.00	44.59 2.52 0.00	41.52 2.39 0.00	37.36 2.15 0.00	33.06 1.81 0.00	30.03 1.62 0.00
VISCHER__FERRY HYD 24020	27.60 1.29 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.42 1.03 -0.34	21.72 0.90 0.00	22.54 1.07 0.00	24.24 1.18 0.00	25.43 1.19 0.00	28.50 1.38 0.00	30.07 1.37 0.35	30.90 1.50 0.53	34.01 1.62 0.00	35.23 1.52 0.00	37.81 1.70 0.00	39.75 1.82 0.00	46.91 2.23 0.00	53.48 2.59 0.00	62.06 2.95 0.00	53.11 2.43 0.00	44.04 1.98 0.00	40.94 1.80 0.00	36.80 1.59 0.00	32.69 1.44 0.00	29.63 1.22 0.00
V_A_10_SYNC_DSASP 323832	26.02 -0.29 0.00	23.05 -0.30 0.00	21.55 -0.35 0.00	20.71 -0.38 -0.03	20.33 -0.50 0.00	21.06 -0.41 0.00	22.67 -0.39 0.00	23.66 -0.58 0.00	26.36 -0.76 0.00	28.70 -0.35 0.00	29.78 -0.15 0.00	31.19 -1.20 0.00	33.48 -0.24 0.00	35.46 -0.65 0.00	37.32 -0.61 0.00	43.43 -1.25 0.00	50.32 -0.56 0.00	57.93 -1.18 0.00	50.02 -0.66 0.00	41.85 -0.21 0.00	38.94 -0.20 0.00	35.39 0.18 0.00	30.66 -0.59 0.00	28.75 0.34 0.00
V_CMM_10_SYNC_DSASP 323787	25.65 -0.66 0.00	22.77 -0.58 0.00	21.33 -0.57 0.00	20.50 -0.55 0.00	20.45 -0.37 0.00	20.91 -0.56 0.00	22.46 -0.60 0.00	23.61 -0.63 0.00	26.41 -0.71 0.00	28.35 -0.70 0.00	29.24 -0.69 0.00	31.65 -0.74 0.00	32.84 -0.88 0.00	35.14 -0.97 0.00	36.91 -1.02 0.00	43.56 -1.12 0.00	49.36 -1.53 0.00	57.69 -1.42 0.00	49.61 -1.07 0.00	41.18 -0.89 0.00	38.35 -0.78 0.00	34.40 -0.81 0.00	30.53 -0.72 0.00	27.67 -0.74 0.00
V_CMP_10_SYNC_DSASP 323788	26.60 0.29 0.00	23.50 0.14 0.00	21.95 0.04 0.00	21.09 0.04 0.00	21.10 0.27 0.00	21.62 0.15 0.00	23.27 0.21 0.00	24.58 0.34 0.00	27.58 0.46 0.00	29.72 0.67 0.00	30.62 0.69 0.00	33.04 0.65 0.00	34.19 0.47 0.00	36.61 0.51 0.00	38.42 0.49 0.00	45.48 0.81 0.00	50.88 0.00 0.00	59.70 0.59 0.00	51.69 1.01 0.00	42.95 0.88 0.00	39.96 0.82 0.00	35.77 0.56 0.00	31.66 0.41 0.00	28.63 0.23 0.00
V_E_10_SYNC_DSASP 323830	28.44 2.13 0.00	25.09 1.73 0.00	23.55 1.64 0.00	22.56 1.43 -0.07	22.20 1.37 0.00	23.12 1.65 0.00	24.93 1.87 0.00	26.06 1.82 0.00	28.96 1.84 0.00	31.03 1.98 0.00	31.85 1.92 0.00	34.62 2.23 0.00	36.27 2.56 0.00	38.67 2.56 0.00	40.62 2.69 0.00	47.76 3.08 0.00	55.06 4.17 0.00	64.08 4.97 0.00	55.50 4.82 0.00	46.31 4.25 0.00	43.17 4.03 0.00	38.84 3.63 0.00	33.94 2.69 0.00	30.79 2.39 0.00
V_F_30_NSINC__DSASP 323816	27.94 1.63 0.00	24.83 1.47 0.00	23.22 1.31 0.00	22.68 1.28 -0.35	21.97 1.14 0.00	22.78 1.31 0.00	24.51 1.45 0.00	25.74 1.50 0.00	28.86 1.74 0.00	30.52 1.74 0.28	31.33 1.83 0.42	34.33 1.94 0.00	35.57 1.85 0.00	38.17 2.06 0.00	40.09 2.16 0.00	47.40 2.73 0.00	54.19 3.31 0.00	62.95 3.84 0.00	53.87 3.19 0.00	44.76 2.69 0.00	41.68 2.54 0.00	37.43 2.22 0.00	33.19 1.94 0.00	30.03 1.62 0.00
V_F_30_SYNC_DSASP 323786	27.47 1.16 0.00	24.43 1.07 0.00	22.89 0.99 0.00	22.34 0.95 -0.34	21.70 0.87 0.00	22.44 0.97 0.00	24.10 1.04 0.00	25.33 1.09 0.00	28.42 1.30 0.00	30.08 1.28 0.25	30.84 1.29 0.38	33.98 1.59 0.00	35.23 1.52 0.00	37.84 1.73 0.00	39.67 1.74 0.00	46.82 2.14 0.00	53.38 2.49 0.00	61.89 2.78 0.00	52.96 2.28 0.00	43.92 1.85 0.00	40.82 1.68 0.00	36.65 1.44 0.00	32.56 1.31 0.00	29.49 1.08 0.00
V_XM_10_SYNC_DSASP 323789	26.60 0.29 0.00	23.50 0.14 0.00	21.95 0.04 0.00	21.09 0.04 0.00	21.10 0.27 0.00	21.62 0.15 0.00	23.27 0.21 0.00	24.58 0.34 0.00	27.58 0.46 0.00	29.72 0.67 0.00	30.62 0.69 0.00	33.04 0.65 0.00	34.19 0.47 0.00	36.61 0.51 0.00	38.42 0.49 0.00	45.48 0.81 0.00	50.88 0.00 0.00	59.70 0.59 0.00	51.69 1.01 0.00	42.95 0.88 0.00	39.96 0.82 0.00	35.77 0.56 0.00	31.66 0.41 0.00	28.63 0.23 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.26 1.95 0.00	25.04 1.68 0.00	23.41 1.51 0.00	22.77 1.47 -0.25	22.08 1.25 0.00	22.89 1.42 0.00	24.58 1.52 0.00	26.13 1.89 0.00	29.23 2.12 0.00	31.43 2.18 -0.20	32.55 2.30 -0.31	35.18 2.79 0.00	36.34 2.63 0.00	39.07 2.96 0.00	40.96 3.03 0.00	48.43 3.75 0.00	55.16 4.27 0.00	63.78 4.67 0.00	54.28 3.60 0.00	44.76 2.69 0.00	41.60 2.47 0.00	37.32 2.11 0.00	33.44 2.19 0.00	30.28 1.87 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.63 2.32 0.00	25.30 1.94 0.00	23.66 1.75 0.00	23.04 1.73 -0.26	22.33 1.50 0.00	23.12 1.65 0.00	24.84 1.78 0.00	26.54 2.30 0.00	29.69 2.58 0.00	31.98 2.70 -0.23	33.09 2.81 -0.34	35.69 3.30 0.00	36.85 3.14 0.00	39.61 3.50 0.00	41.53 3.60 0.00	49.15 4.47 0.00	55.92 5.04 0.00	64.61 5.50 0.00	54.94 4.26 0.00	45.18 3.11 0.00	41.99 2.86 0.00	37.67 2.46 0.00	33.84 2.59 0.00	30.68 2.27 0.00
W50THST__13_KV_LOAD 356117	28.76 2.45 0.00	25.44 2.08 0.00	23.79 1.88 0.00	23.17 1.85 -0.26	22.45 1.62 0.00	23.25 1.78 0.00	25.00 1.94 0.00	26.71 2.47 0.00	29.88 2.77 0.00	32.21 2.93 -0.23	33.36 3.08 -0.34	35.98 3.60 0.00	37.12 3.41 0.00	39.90 3.79 0.00	41.84 3.91 0.00	49.55 4.87 0.00	56.33 5.44 0.00	65.08 5.97 0.00	55.34 4.66 0.00	45.47 3.41 0.00	42.27 3.13 0.00	37.89 2.68 0.00	34.00 2.75 0.00	30.82 2.41 0.00
WADING RIVER_IC_1 23522	35.66 2.89 -6.45	32.14 2.45 -6.33	26.33 2.17 -2.26	23.33 2.00 -0.28	22.81 1.98 0.00	23.68 2.21 0.00	25.53 2.47 0.00	29.20 2.57 -2.40	34.29 2.98 -4.18	35.47 3.08 -3.34	34.00 3.68 -0.39	40.38 3.69 -4.30	44.09 3.57 -6.81	50.46 4.08 -10.27	56.57 4.06 -14.58	96.12 4.87 -46.57	111.00 5.39 -54.73	127.13 6.03 -61.99	119.98 4.91 -64.39	92.89 3.45 -47.37	89.77 3.32 -47.31	49.63 3.10 -11.32	41.56 3.38 -6.94	34.71 2.95 -3.35
WADING RIVER_IC_2 23547	35.66 2.89 -6.45	32.14 2.45 -6.33	26.33 2.17 -2.26	23.33 2.00 -0.28	22.81 1.98 0.00	23.68 2.21 0.00	25.53 2.47 0.00	29.20 2.57 -2.40	34.29 2.98 -4.18	35.47 3.08 -3.34	34.00 3.68 -0.39	40.38 3.69 -4.30	44.09 3.57 -6.81	50.46 4.08 -10.27	56.57 4.06 -14.58	96.12 4.87 -46.57	111.00 5.39 -54.73	127.13 6.03 -61.99	119.98 4.91 -64.39	92.89 3.45 -47.37	89.77 3.32 -47.31	49.63 3.10 -11.32	41.56 3.38 -6.94	34.71 2.95 -3.35
WADING RIVER_IC_3 23601	35.66 2.89 -6.45	32.14 2.45 -6.33	26.33 2.17 -2.26	23.33 2.00 -0.28	22.81 1.98 0.00	23.68 2.21 0.00	25.53 2.47 0.00	29.20 2.57 -2.40	34.29 2.98 -4.18	35.47 3.08 -3.34	34.00 3.68 -0.39	40.38 3.69 -4.30	44.09 3.57 -6.81	50.46 4.08 -10.27	56.57 4.06 -14.58	96.12 4.87 -46.57	111.00 5.39 -54.73	127.13 6.03 -61.99	119.98 4.91 -64.39	92.89 3.45 -47.37	89.77 3.32 -47.31	49.63 3.10 -11.32	41.56 3.38 -6.94	34.71 2.95 -3.35
WALDENNY_I2_KV_BK2 80841	26.52 0.21 0.00	23.47 0.12 0.00	21.88 -0.02 0.00	20.76 -0.34 -0.04	20.64 -0.19 0.00	21.43 -0.04 0.00	23.06 0.00 0.00	24.07 -0.17 0.00	26.85 -0.27 0.00	29.28 0.23 0.00	30.47 0.54 0.00	31.81 -0.58 0.00	34.35 0.64 0.00	36.36 0.25 0.00	38.27 0.34 0.00	44.41 -0.27 0.00	51.54 0.66 0.00	59.17 0.06 0.00	51.14 0.46 0.00	42.86 0.80 0.00	39.80 0.67 0.00	36.27 1.06 0.00	31.28 0.03 0.00	29.40 0.99 0.00
WALDEN___HYDRO 24148	28.23 1.92 0.00	25.02 1.66 0.00	23.39 1.49 0.00	22.74 1.43 -0.25	21.99 1.17 0.00	22.82 1.35 0.00	24.51 1.45 0.00	25.94 1.70 0.00	29.02 1.90 0.00	31.19 1.98 -0.17	32.40 2.21 -0.26	34.82 2.43 0.00	36.04 2.32 0.00	38.74 2.63 0.00	40.70 2.77 0.00	48.12 3.44 0.00	54.85 3.97 0.00	63.48 4.37 0.00	54.23 3.55 0.00	44.76 2.69 0.00	41.64 2.51 0.00	37.36 2.15 0.00	33.38 2.13 0.00	30.23 1.82 0.00
WARRENSBURG____ 23737	27.65 1.34 0.00	24.55 1.19 0.00	22.98 1.07 0.00	22.43 1.03 -0.35	21.72 0.90 0.00	22.54 1.07 0.00	24.30 1.24 0.00	25.57 1.33 0.00	28.66 1.54 0.00	30.30 1.51 0.26	30.91 1.38 0.40	33.81 1.42 0.00	34.93 1.21 0.00	37.48 1.37 0.00	39.37 1.44 0.00	46.60 1.92 0.00	53.68 2.80 0.00	62.42 3.31 0.00	53.36 2.68 0.00	44.38 2.31 0.00	41.52 2.39 0.00	37.22 2.01 0.00	32.91 1.66 0.00	29.72 1.31 0.00
WATERSIDE___6 8 9 23538	28.43 2.45 0.33	25.36 2.01 0.00	23.72 1.82 0.00	23.06 1.75 -0.26	22.35 1.52 0.00	23.08 1.61 0.00	24.77 1.71 0.00	26.57 2.33 0.00	29.80 2.68 0.01	32.03 2.76 -0.22	33.17 2.90 -0.34	35.75 3.37 0.01	36.88 3.17 0.00	39.68 3.57 0.01	41.57 3.64 0.00	49.23 4.56 0.01	55.91 5.04 0.01	64.42 5.32 0.01	54.73 4.05 0.00	45.01 2.94 0.00	42.03 2.90 0.00	37.67 2.46 0.01	31.64 2.75 2.36	30.63 2.44 0.23
WATKINRD_115KV_LN8_ILLION 55919	26.44 0.13 0.00	23.47 0.12 0.00	22.01 0.11 0.00	21.16 0.11 0.00	20.91 0.08 0.00	21.58 0.11 0.00	23.18 0.12 0.00	24.34 0.10 0.00	27.23 0.11 0.00	29.17 0.12 0.00	30.05 0.12 0.00	32.62 0.23 0.00	33.95 0.24 0.00	36.36 0.25 0.00	38.12 0.19 0.00	44.86 0.18 0.00	51.14 0.25 0.00	59.35 0.24 0.00	50.88 0.20 0.00	42.23 0.17 0.00	39.29 0.16 0.00	35.42 0.21 0.00	31.44 0.19 0.00	28.58 0.17 0.00
WATSON___69_KV_BK 1 55734	36.18 3.42 -6.45	32.66 2.97 -6.33	26.85 2.69 -2.26	23.92 2.59 -0.28	23.22 2.40 0.00	24.07 2.60 0.00	25.62 2.56 0.00	29.86 3.22 -2.40	34.91 3.61 -4.18	36.19 3.81 -3.34	34.27 3.92 -0.42	44.69 4.47 -7.83	42.03 4.42 -3.90	47.72 4.77 -6.85	53.77 4.89 -10.95	76.64 5.90 -26.06	81.72 6.82 -24.02	100.58 7.63 -33.84	89.16 6.23 -32.25	71.32 4.80 -24.46	67.55 4.54 -23.88	49.89 3.91 -10.77	38.76 3.91 -3.60	35.21 3.55 -3.25
WDELAWARE___HYD 323627	28.02 1.71 0.00	24.78 1.42 0.00	23.20 1.29 0.00	22.52 1.24 -0.23	21.81 0.98 0.00	22.63 1.16 0.00	24.33 1.27 0.00	25.72 1.48 0.00	28.75 1.63 0.00	30.87 1.71 -0.11	32.01 1.92 -0.16	34.56 2.17 0.00	35.77 2.06 0.00	38.42 2.31 0.00	39.48 1.56 0.00	46.69 2.01 0.00	53.23 2.34 0.00	61.65 2.54 0.00	52.61 1.93 0.00	43.41 1.35 0.00	40.39 1.25 0.00	36.23 1.02 0.00	33.12 1.87 0.00	29.97 1.56 0.00
WEST BABYLON___IC 23714	36.03 3.26 -6.45	32.52 2.83 -6.33	26.72 2.56 -2.26	23.79 2.46 -0.28	23.10 2.27 0.00	23.92 2.45 0.00	25.53 2.47 0.00	29.74 3.10 -2.40	34.80 3.50 -4.18	36.08 3.69 -3.34	34.06 3.74 -0.39	40.22 4.31 -3.53	39.65 4.25 -1.69	46.29 4.55 -5.63	50.71 4.59 -8.19	60.70 5.58 -10.44	61.05 6.46 -3.70	71.38 7.21 -5.06	64.33 5.88 -7.77	53.57 4.50 -7.00	49.44 4.27 -6.04	42.80 3.66 -3.92	36.06 3.75 -1.06	34.23 3.38 -2.44
WEST CANADA___HYD 24049	26.42 0.11 0.00	23.45 0.09 0.00	21.99 0.09 0.00	21.14 0.08 0.00	20.89 0.06 0.00	21.56 0.09 0.00	23.15 0.09 0.00	24.34 0.10 0.00	27.20 0.08 0.00	29.14 0.09 0.00	30.02 0.09 0.00	32.52 0.13 0.00	33.85 0.14 0.00	36.25 0.15 0.00	38.08 0.15 0.00	44.81 0.13 0.00	51.09 0.20 0.00	59.29 0.18 0.00	50.83 0.15 0.00	42.19 0.13 0.00	39.25 0.12 0.00	35.35 0.14 0.00	31.34 0.09 0.00	28.52 0.11 0.00



WESTERN_NY_WIND 24143	26.84 0.53 0.00	23.75 0.40 0.00	22.12 0.22 0.00	21.09 0.00 -0.04	20.85 0.02 0.00	21.68 0.21 0.00	23.20 0.14 0.00	24.31 0.07 0.00	27.06 -0.05 0.00	29.46 0.41 0.00	29.81 -0.12 0.00	32.26 -0.13 0.00	34.79 1.08 0.00	36.90 0.79 0.00	38.53 0.60 0.00	44.77 0.09 0.00	52.16 1.27 0.00	60.11 1.00 0.00	52.05 1.37 0.00	43.79 1.73 0.00	40.66 1.52 0.00	36.76 1.55 0.00	31.69 0.44 0.00	29.72 1.31 0.00
WESTOVER___LESR 323668	26.76 0.45 0.00	23.73 0.37 0.00	22.23 0.33 0.00	21.32 0.19 -0.08	21.04 0.21 0.00	21.81 0.34 0.00	23.45 0.39 0.00	24.70 0.46 0.00	27.61 0.49 0.00	29.69 0.64 0.00	30.62 0.69 0.00	32.97 0.58 0.00	34.66 0.94 0.00	37.01 0.90 0.00	38.84 0.91 0.00	45.62 0.94 0.00	52.31 1.42 0.00	60.47 1.36 0.00	51.95 1.27 0.00	43.24 1.18 0.00	40.15 1.02 0.00	36.27 1.06 0.00	31.94 0.69 0.00	29.17 0.77 0.00
WETHRSFD_WT_PWR 323626	26.55 0.24 0.00	23.50 0.14 0.00	21.95 0.04 0.00	20.89 -0.21 -0.05	20.66 -0.17 0.00	21.49 0.02 0.00	23.08 0.02 0.00	24.24 0.00 0.00	27.01 -0.11 0.00	29.31 0.26 0.00	29.75 -0.18 0.00	32.16 -0.23 0.00	34.52 0.81 0.00	36.65 0.54 0.00	38.27 0.34 0.00	44.59 -0.09 0.00	51.69 0.81 0.00	59.53 0.42 0.00	51.44 0.76 0.00	43.12 1.05 0.00	40.04 0.90 0.00	36.27 1.06 0.00	31.47 0.22 0.00	29.40 0.99 0.00
WHAVSTOR_138KV_BK127 55557	28.15 1.84 0.00	24.95 1.59 0.00	23.35 1.45 0.00	22.69 1.39 -0.25	22.02 1.19 0.00	22.82 1.35 0.00	24.51 1.45 0.00	26.06 1.82 0.00	29.15 2.03 0.00	31.35 2.09 -0.21	32.43 2.18 -0.31	35.01 2.62 0.00	36.21 2.49 0.00	38.93 2.82 0.00	40.77 2.84 0.00	48.25 3.57 0.00	54.95 4.07 0.00	63.48 4.37 0.00	54.08 3.40 0.00	44.55 2.48 0.00	41.41 2.27 0.00	37.15 1.94 0.00	33.31 2.06 0.00	30.20 1.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.15 1.84 0.00	24.95 1.59 0.00	23.35 1.45 0.00	22.69 1.39 -0.25	22.02 1.19 0.00	22.82 1.35 0.00	24.51 1.45 0.00	26.06 1.82 0.00	29.15 2.03 0.00	31.35 2.09 -0.21	32.43 2.18 -0.31	35.01 2.62 0.00	36.21 2.49 0.00	38.93 2.82 0.00	40.77 2.84 0.00	48.25 3.57 0.00	54.95 4.07 0.00	63.48 4.37 0.00	54.08 3.40 0.00	44.55 2.48 0.00	41.41 2.27 0.00	37.15 1.94 0.00	33.31 2.06 0.00	30.20 1.79 0.00
WHITEHAL_115KV_TB1 80871	28.31 2.00 0.00	25.13 1.78 0.00	23.52 1.62 0.00	22.92 1.52 -0.35	22.27 1.44 0.00	23.10 1.63 0.00	24.91 1.84 0.00	26.25 2.01 0.00	29.40 2.28 0.00	31.10 2.32 0.27	31.53 2.01 0.41	34.69 2.30 0.00	35.87 2.16 0.00	38.56 2.46 0.00	40.47 2.54 0.00	47.94 3.26 0.00	55.41 4.53 0.00	64.49 5.38 0.00	55.14 4.46 0.00	45.98 3.91 0.00	42.93 3.80 0.00	38.41 3.20 0.00	33.88 2.63 0.00	30.54 2.13 0.00
WHITEPLN_13_KV_LOAD 356215	28.52 2.21 0.00	25.27 1.92 0.00	23.63 1.73 0.00	23.00 1.68 -0.26	22.29 1.46 0.00	23.10 1.63 0.00	24.81 1.75 0.00	26.42 2.18 0.00	29.59 2.47 0.00	31.86 2.59 -0.22	33.00 2.72 -0.34	35.79 3.40 0.00	37.02 3.30 0.00	39.79 3.68 0.00	41.49 3.57 0.00	49.10 4.42 0.00	55.92 5.04 0.00	64.67 5.56 0.00	55.09 4.41 0.00	45.26 3.20 0.00	42.11 2.97 0.00	37.71 2.50 0.00	33.81 2.56 0.00	30.62 2.22 0.00
WM_FLOYD_69_KV_BK2 356380	35.82 3.05 -6.45	32.31 2.62 -6.33	26.55 2.39 -2.26	23.60 2.27 -0.28	23.04 2.21 0.00	23.85 2.38 0.00	25.27 2.21 0.00	29.47 2.84 -2.40	34.42 3.12 -4.18	35.64 3.25 -3.34	33.82 3.50 -0.39	40.78 4.02 -4.37	44.62 4.01 -6.90	48.99 4.41 -8.47	57.06 4.44 -14.69	97.36 5.45 -47.23	101.52 6.21 -44.42	133.68 7.03 -67.53	121.82 5.73 -65.41	94.59 4.42 -48.11	91.30 4.11 -48.05	50.21 3.49 -11.51	41.82 3.53 -7.04	34.93 3.15 -3.37
WOODARD___115KV_TB2 355635	26.13 -0.18 0.00	23.19 -0.16 0.00	21.75 -0.15 0.00	20.91 -0.17 -0.02	20.64 -0.19 0.00	21.32 -0.15 0.00	22.92 -0.14 0.00	24.10 -0.15 0.00	26.93 -0.19 0.00	28.90 -0.15 0.00	29.78 -0.15 0.00	32.13 -0.26 0.00	33.61 -0.10 0.00	35.96 -0.14 0.00	37.74 -0.19 0.00	44.41 -0.27 0.00	50.78 -0.10 0.00	58.87 -0.24 0.00	50.48 -0.20 0.00	41.98 -0.08 0.00	39.02 -0.12 0.00	35.21 0.00 0.00	31.13 -0.13 0.00	28.35 -0.06 0.00
YORK___WARBASSE 23770	31.25 2.60 -2.34	25.51 2.15 -0.01	23.86 1.95 -0.01	23.19 1.87 -0.27	22.48 1.65 -0.01	23.14 1.67 0.00	24.81 1.75 0.00	26.69 2.45 0.00	38.00 2.82 -8.06	38.41 2.99 -6.37	35.63 3.08 -2.62	36.48 3.60 -0.49	37.09 3.37 0.00	39.99 3.83 -0.06	41.84 3.91 0.00	49.60 4.87 -0.06	56.33 5.39 -0.06	64.90 5.73 -0.06	55.09 4.41 0.00	45.22 3.15 0.00	42.27 3.13 0.00	37.98 2.71 -0.06	50.86 3.00 -16.61	32.63 2.59 -1.63