

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/30/2023

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	28.35	26.19	23.19	22.74	23.10	28.02	35.53	32.51	32.59	33.28	39.57	34.89	39.21	55.52	36.28	33.25	30.39	28.30	30.69	29.49	32.06	34.51	35.28	30.66
24138	1.31	1.21	1.07	1.02	1.05	1.38	1.99	2.01	2.04	2.21	2.69	2.42	2.77	4.13	2.77	2.36	2.03	2.29	2.26	2.20	2.44	2.56	2.58	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.74	-4.23	0.00	-2.09	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	28.41	26.18	23.15	22.70	23.06	27.95	35.46	32.45	32.53	33.18	39.49	34.83	39.13	55.43	36.20	33.17	30.32	28.22	30.62	29.42	31.99	34.44	35.18	30.59
24260	1.37	1.19	1.03	0.97	1.00	1.31	1.91	1.94	1.98	2.12	2.60	2.35	2.69	4.04	2.69	2.28	1.97	2.21	2.19	2.14	2.37	2.49	2.48	1.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.74	-4.23	0.00	-2.09	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	28.41	26.18	23.15	22.70	23.06	27.95	35.46	32.45	32.53	33.18	39.49	34.83	39.13	55.43	36.20	33.17	30.32	28.22	30.62	29.42	31.99	34.44	35.18	30.59
24261	1.37	1.19	1.03	0.97	1.00	1.31	1.91	1.94	1.98	2.12	2.60	2.35	2.69	4.04	2.69	2.28	1.97	2.21	2.19	2.14	2.37	2.49	2.48	1.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.74	-4.23	0.00	-2.09	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	28.46	26.18	23.16	22.71	23.14	28.12	35.70	32.68	32.79	33.41	39.83	34.99	39.06	55.35	36.03	34.05	31.47	27.99	31.00	29.26	31.77	34.35	34.93	30.47
24011	1.42	1.19	1.04	0.99	1.09	1.48	2.16	2.17	2.23	2.35	2.95	2.52	2.62	3.95	2.52	2.14	1.96	1.97	2.00	1.97	2.15	2.41	2.23	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.75	-5.39	0.00	-2.66	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	28.69	26.35	23.30	22.84	23.28	28.34	36.00	32.97	33.10	33.73	40.26	35.35	39.39	55.80	36.34	34.29	31.68	28.13	31.14	29.41	31.95	34.59	35.16	30.61
23798	1.65	1.37	1.17	1.11	1.23	1.70	2.46	2.46	2.55	2.67	3.37	2.88	2.94	4.41	2.84	2.37	2.17	2.12	2.15	2.12	2.33	2.65	2.45	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.76	-5.39	0.00	-2.66	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	28.46	26.18	23.16	22.71	23.14	28.12	35.70	32.68	32.79	33.41	39.83	34.99	39.06	55.35	36.03	34.05	31.47	27.99	31.00	29.26	31.77	34.35	34.93	30.47
24028	1.42	1.19	1.04	0.99	1.09	1.48	2.16	2.17	2.23	2.35	2.95	2.52	2.62	3.95	2.52	2.14	1.96	1.97	2.00	1.97	2.15	2.41	2.23	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.75	-5.39	0.00	-2.66	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	28.37	26.18	23.17	22.72	23.12	28.04	35.30	32.21	32.30	32.96	39.34	34.40	38.43	54.74	35.75	33.67	30.77	27.52	30.40	28.77	31.57	34.16	34.82	30.41
23527	1.34	1.19	1.04	0.99	1.07	1.40	1.76	1.70	1.75	1.89	2.46	1.93	1.98	3.34	2.24	1.98	1.51	1.51	1.53	1.48	1.95	2.21	2.12	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.53	-5.13	0.00	-2.53	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.13	25.05	22.22	21.80	22.15	26.80	33.93	30.98	31.03	31.63	37.66	33.13	37.06	52.60	34.32	32.52	30.02	26.75	29.66	27.97	30.37	32.76	33.37	29.21
24190	0.09	0.07	0.09	0.07	0.10	0.16	0.38	0.47	0.47	0.56	0.77	0.66	0.62	1.21	0.81	0.78	0.70	0.74	0.76	0.68	0.74	0.81	0.67	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	-5.20	0.00	-2.56	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	26.91	24.88	22.02	21.62	21.91	26.42	33.34	30.37	30.39	30.89	36.64	32.38	36.32	51.09	33.31	26.95	23.92	25.79	26.05	26.99	29.28	31.72	32.49	28.73
355683	-0.13	-0.10	-0.11	-0.10	-0.15	-0.21	-0.20	-0.14	-0.16	-0.17	-0.24	-0.10	-0.12	-0.31	-0.20	-0.21	-0.21	-0.22	-0.29	-0.30	-0.34	-0.23	-0.21	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	27.13	25.05	22.22	21.80	22.15	26.80	33.93	30.98	31.03	31.63	37.66	33.13	37.06	52.60	34.32	32.52	30.02	26.75	29.66	27.97	30.37	32.76	33.37	29.21
23571	0.09	0.07	0.09	0.07	0.10	0.16	0.38	0.47	0.47	0.56	0.77	0.66	0.62	1.21	0.81	0.78	0.70	0.74	0.76	0.68	0.74	0.81	0.67	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	-5.20	0.00	-2.56	0.00	0.00	0.00	0.00	0.00
ALBANY___2	27.13	25.05	22.22	21.80	22.15	26.80	33.93	30.98	31.03	31.63	37.66	33.13	37.06	52.60	34.32	32.52	30.02	26.75	29.66	27.97	30.37	32.76	33.37	29.21
23572	0.09	0.07	0.09	0.07	0.10	0.16	0.38	0.47	0.47	0.56	0.77	0.66	0.62	1.21	0.81	0.78	0.70	0.74	0.76	0.68	0.74	0.81	0.67	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	-5.20	0.00	-2.56	0.00	0.00	0.00	0.00	0.00
ALBANY___3	27.13	25.05	22.22	21.80	22.15	26.80	33.93	30.98	31.03	31.63	37.66	33.13	37.06	52.60	34.32	32.52	30.02	26.75	29.66	27.97	30.37	32.76	33.37	29.21
23573	0.09	0.07	0.09	0.07	0.10	0.16	0.38	0.47	0.47	0.56	0.77	0.66	0.62	1.21	0.81	0.78	0.70	0.74	0.76	0.68	0.74	0.81	0.67	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.59	-5.20	0.00	-2.56	0.00	0.00	0.00	0.00	0.00



ALBANY___4 23574	27.13 0.09 0.00	25.05 0.07 0.00	22.22 0.09 0.00	21.80 0.07 0.00	22.15 0.10 0.00	26.80 0.16 0.00	33.93 0.38 0.00	30.98 0.47 0.00	31.03 0.47 0.00	31.63 0.56 0.00	37.66 0.77 0.00	33.13 0.66 0.00	37.06 0.62 0.00	52.60 1.21 0.00	34.32 0.81 0.00	32.52 0.78 -4.59	30.02 0.70 -5.20	26.75 0.74 0.00	29.66 0.76 -2.56	27.97 0.68 0.00	30.37 0.74 0.00	32.76 0.81 0.00	33.37 0.67 0.00	29.21 0.35 0.00
ALBANY___LFGE 323615	27.43 0.39 0.00	25.32 0.33 0.00	22.46 0.33 0.00	22.03 0.30 0.00	22.39 0.34 0.00	27.11 0.47 0.00	34.32 0.78 0.00	31.35 0.84 0.00	31.40 0.85 0.00	32.01 0.95 0.00	38.11 1.23 0.00	33.54 1.06 0.00	37.51 1.07 0.00	53.22 1.83 0.00	34.73 1.23 0.00	32.91 1.12 -4.63	30.37 1.00 -5.25	27.09 1.07 0.00	30.02 1.09 -2.59	28.31 1.03 0.00	30.72 1.10 0.00	33.14 1.19 0.00	33.75 1.05 0.00	29.53 0.67 0.00
ALCOA_PA_115KV_PL-6C 55860	27.05 0.01 0.00	25.01 0.03 0.00	22.13 0.00 0.00	21.74 0.02 0.00	22.01 -0.05 0.00	26.52 -0.12 0.00	33.48 -0.06 0.00	30.49 -0.02 0.00	30.56 0.00 0.00	31.00 -0.06 0.00	36.77 -0.11 0.00	32.49 0.01 0.00	36.44 0.00 0.00	51.24 -0.16 0.00	33.41 -0.10 0.00	27.01 -0.14 0.00	23.97 -0.15 0.00	25.86 -0.15 0.00	26.13 -0.21 0.00	27.07 -0.22 0.00	29.36 -0.26 0.00	31.82 -0.12 0.00	32.64 -0.06 0.00	28.88 0.02 0.00
ALCOA_RYNLDS___DRP 24188	27.05 0.01 0.00	25.01 0.03 0.00	22.13 0.00 0.00	21.74 0.02 0.00	22.01 -0.05 0.00	26.52 -0.12 0.00	33.48 -0.06 0.00	30.49 -0.02 0.00	30.56 0.00 0.00	31.00 -0.06 0.00	36.77 -0.11 0.00	32.49 0.01 0.00	36.44 0.00 0.00	51.24 -0.16 0.00	33.41 -0.10 0.00	27.01 -0.14 0.00	23.97 -0.15 0.00	25.86 -0.15 0.00	26.13 -0.21 0.00	27.07 -0.22 0.00	29.36 -0.26 0.00	31.82 -0.12 0.00	32.64 -0.06 0.00	28.88 0.02 0.00
ALCOA___DSASP 323711	27.05 0.01 0.00	25.01 0.03 0.00	22.13 0.00 0.00	21.74 0.02 0.00	22.01 -0.05 0.00	26.52 -0.12 0.00	33.48 -0.06 0.00	30.49 -0.02 0.00	30.56 0.00 0.00	31.00 -0.06 0.00	36.77 -0.11 0.00	32.49 0.01 0.00	36.44 0.00 0.00	51.24 -0.16 0.00	33.41 -0.10 0.00	27.01 -0.14 0.00	23.97 -0.15 0.00	25.86 -0.15 0.00	26.13 -0.21 0.00	27.06 -0.22 0.00	29.36 -0.26 0.00	31.83 -0.12 0.00	32.64 -0.06 0.00	28.88 0.02 0.00
ALLEGHENY___COGEN 23514	28.77 1.73 0.00	26.51 1.53 0.00	23.40 1.28 0.00	22.83 1.10 0.00	23.04 0.99 0.00	28.06 1.42 0.00	34.74 1.20 0.00	31.50 0.99 0.00	31.63 1.07 0.00	31.85 0.79 0.00	37.44 0.55 0.00	32.48 0.00 0.00	36.50 0.05 0.00	50.73 -0.66 0.00	33.20 -0.31 0.00	27.77 -0.44 -1.05	25.09 -0.23 -1.19	25.83 -0.19 0.00	26.94 0.01 -0.59	27.53 0.25 0.00	29.78 0.15 0.00	31.80 -0.14 0.00	33.07 0.36 0.00	30.21 1.35 0.00
ALTAMONT_115KV_TB 2 55880	27.57 0.54 0.00	25.46 0.48 0.00	22.58 0.46 0.00	22.16 0.44 0.00	22.51 0.46 0.00	27.22 0.58 0.00	34.42 0.88 0.00	31.41 0.90 0.00	31.46 0.90 0.00	32.05 0.99 0.00	38.13 1.25 0.00	33.55 1.08 0.00	37.58 1.14 0.00	53.23 1.84 0.00	34.74 1.24 0.00	32.83 1.10 -4.58	30.29 0.98 -5.19	27.06 1.05 0.00	29.97 1.07 -2.56	28.32 1.03 0.00	30.75 1.13 0.00	33.16 1.22 0.00	33.82 1.12 0.00	29.62 0.76 0.00
ALTONA_WT_PWR 323606	27.60 0.56 0.00	25.48 0.49 0.00	22.61 0.49 0.00	22.19 0.47 0.00	22.34 0.29 0.00	26.98 0.34 0.00	34.29 0.75 0.00	31.39 0.89 0.00	31.50 0.95 0.00	32.00 0.94 0.00	37.97 1.09 0.00	33.50 1.03 0.00	37.47 1.03 0.00	52.68 1.29 0.00	34.21 0.70 0.00	27.60 0.44 0.00	24.33 0.21 0.00	25.82 -0.19 0.00	26.02 -0.32 0.00	26.91 -0.38 0.00	28.91 -0.71 0.00	31.48 -0.46 0.00	32.27 -0.43 0.00	28.65 -0.21 0.00
AMERICAN_REF_FUEL 24010	27.60 0.56 0.00	25.44 0.46 0.00	22.31 0.18 0.00	21.98 0.25 0.00	22.32 0.27 0.00	27.23 0.59 0.00	33.58 0.04 0.00	30.02 -0.49 0.00	29.99 -0.56 0.00	30.01 -1.05 0.00	35.30 -1.58 0.00	30.61 -1.86 0.00	34.63 -1.81 0.00	48.10 -3.29 0.00	31.50 -2.01 0.00	26.31 -1.82 -0.98	23.72 -1.50 -1.11	24.18 -1.83 0.00	25.07 -1.82 -0.55	25.77 -1.52 0.00	28.00 -1.62 0.00	30.04 -1.91 0.00	31.24 -1.46 0.00	27.93 -0.93 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.82 1.78 0.00	26.54 1.56 0.00	23.24 1.12 0.00	22.86 1.13 0.00	23.13 1.08 0.00	28.31 1.67 0.00	35.38 1.84 0.00	31.91 1.40 0.00	32.00 1.45 0.00	32.19 1.13 0.00	37.85 0.96 0.00	32.88 0.41 0.00	37.29 0.85 0.00	51.88 0.49 0.00	33.79 0.28 0.00	28.13 -0.07 -1.04	25.05 -0.26 -1.18	25.09 -0.92 0.00	26.11 -0.82 -0.58	27.02 -0.26 0.00	29.66 0.04 0.00	31.83 -0.12 0.00	33.04 0.34 0.00	29.41 0.55 0.00
ARTHUR_KILL_GT_1 23520	28.35 1.31 0.00	26.19 1.21 0.00	23.17 1.04 0.00	22.72 1.00 0.00	23.05 1.00 0.00	27.85 1.21 0.00	35.06 1.52 0.00	32.11 1.61 0.00	32.20 1.65 0.00	32.76 1.69 0.00	38.91 2.03 0.00	34.44 1.96 0.00	38.59 2.15 0.00	54.78 3.39 0.00	35.79 2.28 0.00	32.86 1.97 -3.74	30.15 1.80 -4.23	28.28 2.26 0.00	30.50 2.08 -2.09	29.30 2.01 0.00	31.85 2.23 0.00	34.32 2.38 0.00	35.24 2.54 0.00	30.64 1.78 0.00
ARTHUR_KILL_2 23512	28.28 1.25 0.00	26.13 1.15 0.00	23.12 0.99 0.00	22.67 0.94 0.00	23.00 0.94 0.00	27.79 1.16 0.00	34.97 1.43 0.00	32.02 1.52 0.00	32.11 1.56 0.00	32.66 1.60 0.00	38.80 1.92 0.00	34.35 1.87 0.00	38.49 2.04 0.00	54.64 3.25 0.00	35.70 2.19 0.00	32.79 1.91 -3.74	30.08 1.73 -4.23	28.20 2.18 0.00	30.43 2.00 -2.09	29.22 1.93 0.00	31.76 2.14 0.00	34.23 2.29 0.00	35.16 2.46 0.00	30.57 1.71 0.00
ARTHUR_KILL_3 23513	28.15 1.11 0.00	25.95 0.97 0.00	22.95 0.83 0.00	22.50 0.78 0.00	22.85 0.80 0.00	27.69 1.05 0.00	35.10 1.56 0.00	32.08 1.58 0.00	32.16 1.60 0.00	32.79 1.72 0.00	38.97 2.09 0.00	34.37 1.90 0.00	38.64 2.19 0.00	54.75 3.36 0.00	35.77 2.26 0.00	32.83 1.94 -3.74	30.01 1.66 -4.23	27.91 1.89 0.00	30.30 1.88 -2.09	29.11 1.82 0.00	31.66 2.04 0.00	34.10 2.16 0.00	34.87 2.17 0.00	30.29 1.43 0.00
ARTHUR_KILL_COGEN 323718	28.35 1.31 0.00	26.19 1.21 0.00	23.17 1.04 0.00	22.72 1.00 0.00	23.05 1.00 0.00	27.85 1.21 0.00	35.06 1.52 0.00	32.11 1.61 0.00	32.20 1.65 0.00	32.76 1.69 0.00	38.91 2.03 0.00	34.44 1.96 0.00	38.59 2.15 0.00	54.78 3.39 0.00	35.79 2.28 0.00	32.86 1.97 -3.74	30.15 1.80 -4.23	28.28 2.26 0.00	30.50 2.08 -2.09	29.30 2.01 0.00	31.85 2.23 0.00	34.32 2.38 0.00	35.24 2.54 0.00	30.64 1.78 0.00
ASHOKAN____ 23654	27.99 0.95 0.00	25.80 0.82 0.00	22.88 0.75 0.00	22.45 0.73 0.00	22.82 0.77 0.00	27.62 0.99 0.00	35.31 1.77 0.00	32.52 2.01 0.00	32.65 2.09 0.00	33.29 2.23 0.00	39.59 2.71 0.00	34.85 2.38 0.00	38.97 2.53 0.00	55.22 3.83 0.00	36.08 2.57 0.00	33.36 2.10 -4.10	30.56 1.79 -4.65	28.12 2.11 0.00	30.80 2.17 -2.29	29.45 2.17 0.00	31.98 2.36 0.00	34.38 2.44 0.00	34.93 2.23 0.00	30.45 1.59 0.00



ASTORIA_EAST_ENERGY_CC1 323581	28.22 1.17 -0.01	25.95 0.97 -0.01	22.89 0.77 0.00	22.41 0.69 0.00	22.74 0.69 0.00	27.56 0.93 0.00	34.97 1.44 0.01	32.04 1.54 0.00	32.09 1.54 0.01	32.69 1.64 0.01	38.86 1.99 0.01	34.33 1.85 0.00	38.53 2.09 0.00	54.59 3.20 0.00	35.72 2.21 0.00	32.77 1.88 -3.74	29.98 1.63 -4.23	27.86 1.84 0.00	30.21 1.78 -2.09	29.04 1.75 0.00	31.59 1.97 0.00	34.09 2.14 0.00	34.82 2.12 0.00	30.23 1.37 0.00
ASTORIA_EAST_ENERGY_CC2 323582	28.22 1.17 -0.01	25.95 0.97 -0.01	22.89 0.77 0.00	22.41 0.69 0.00	22.74 0.69 0.00	27.56 0.93 0.00	34.97 1.44 0.01	32.04 1.54 0.00	32.09 1.54 0.01	32.69 1.64 0.01	38.86 1.99 0.01	34.33 1.85 0.00	38.53 2.09 0.00	54.59 3.20 0.00	35.72 2.21 0.00	32.77 1.88 -3.74	29.98 1.63 -4.23	27.86 1.84 0.00	30.21 1.78 -2.09	29.04 1.75 0.00	31.59 1.97 0.00	34.09 2.14 0.00	34.82 2.12 0.00	30.23 1.37 0.00
ASTORIA_GT2_1 24094	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT2_2 24095	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT2_3 24096	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT2_4 24097	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT3_1 24098	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT3_2 24099	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT3_3 24100	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT3_4 24101	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT4_1 24102	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT4_2 24103	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT4_3 24104	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT4_4 24105	28.23 1.19 0.00	25.99 1.00 -0.01	22.92 0.80 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.59 0.95 0.00	34.98 1.45 0.00	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.87 0.00	30.23 1.81 -2.09	29.05 1.76 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.83 2.14 0.00	30.25 1.39 0.00
ASTORIA_GT_1 23523	28.28 1.23 -0.01	26.01 1.02 -0.01	22.94 0.81 0.00	22.45 0.73 0.00	22.79 0.74 0.00	27.62 0.98 0.00	35.05 1.52 0.01	32.12 1.61 0.00	32.16 1.61 0.01	32.78 1.72 0.01	38.97 2.09 0.09	34.41 1.94 0.00	38.64 2.19 0.00	54.73 3.34 0.00	35.81 2.31 0.00	32.84 1.95 -3.74	30.05 1.70 -4.23	27.93 1.92 0.00	30.28 1.86 -2.09	29.11 1.82 0.00	31.67 2.05 0.00	34.16 2.22 0.00	34.90 2.19 0.00	30.29 1.44 0.00



ASTORIA_GT_10 24110	28.23 1.20 0.00	26.00 1.02 0.00	22.95 0.83 0.00	22.47 0.75 0.00	22.82 0.76 0.00	27.65 1.01 0.00	35.06 1.52 0.00	32.09 1.59 0.00	32.16 1.60 0.00	32.80 1.74 0.00	39.02 2.14 0.00	34.45 1.98 0.00	38.67 2.22 0.00	54.78 3.38 0.00	35.81 2.30 0.00	32.85 1.96 -3.74	30.05 1.70 -4.23	27.96 1.94 0.00	30.31 1.88 -2.09	29.11 1.83 0.00	31.66 2.04 0.00	34.12 2.17 0.00	34.86 2.17 0.00	30.30 1.44 0.00
ASTORIA_GT_11 24225	28.23 1.20 0.00	26.00 1.02 0.00	22.95 0.83 0.00	22.47 0.75 0.00	22.82 0.76 0.00	27.65 1.01 0.00	35.06 1.52 0.00	32.09 1.59 0.00	32.16 1.60 0.00	32.80 1.74 0.00	39.02 2.14 0.00	34.45 1.98 0.00	38.67 2.22 0.00	54.78 3.38 0.00	35.81 2.30 0.00	32.85 1.96 -3.74	30.05 1.70 -4.23	27.96 1.94 0.00	30.31 1.88 -2.09	29.11 1.83 0.00	31.66 2.04 0.00	34.12 2.17 0.00	34.86 2.17 0.00	30.30 1.44 0.00
ASTORIA_GT_12 24226	28.23 1.20 0.00	26.00 1.02 0.00	22.95 0.83 0.00	22.47 0.75 0.00	22.82 0.76 0.00	27.65 1.01 0.00	35.06 1.52 0.00	32.09 1.59 0.00	32.16 1.60 0.00	32.80 1.74 0.00	39.02 2.14 0.00	34.45 1.98 0.00	38.67 2.22 0.00	54.78 3.38 0.00	35.81 2.30 0.00	32.85 1.96 -3.74	30.05 1.70 -4.23	27.96 1.94 0.00	30.31 1.88 -2.09	29.11 1.83 0.00	31.66 2.04 0.00	34.12 2.17 0.00	34.86 2.17 0.00	30.30 1.44 0.00
ASTORIA_GT_13 24227	28.23 1.20 0.00	26.00 1.02 0.00	22.95 0.83 0.00	22.47 0.75 0.00	22.82 0.76 0.00	27.65 1.01 0.00	35.06 1.52 0.00	32.09 1.59 0.00	32.16 1.60 0.00	32.80 1.74 0.00	39.02 2.14 0.00	34.45 1.98 0.00	38.67 2.22 0.00	54.78 3.38 0.00	35.81 2.30 0.00	32.85 1.96 -3.74	30.05 1.70 -4.23	27.96 1.94 0.00	30.31 1.88 -2.09	29.11 1.83 0.00	31.66 2.04 0.00	34.12 2.17 0.00	34.86 2.17 0.00	30.30 1.44 0.00
ASTORIA_GT_5 24106	28.28 1.23 -0.01	26.01 1.02 -0.01	22.94 0.81 0.00	22.45 0.73 0.00	22.79 0.74 0.00	27.62 0.98 0.00	35.05 1.52 0.01	32.12 1.61 0.00	32.16 1.61 0.01	32.78 1.72 0.01	38.97 2.09 0.01	34.41 1.94 0.00	38.64 2.19 0.00	54.73 3.34 0.00	35.81 2.31 0.00	32.84 1.95 -3.74	30.05 1.70 -4.23	27.93 1.92 0.00	30.28 1.86 -2.09	29.11 1.82 0.00	31.67 2.05 0.00	34.16 2.22 0.00	34.90 2.19 0.00	30.29 1.44 0.00
ASTORIA_GT_7 24107	28.28 1.23 -0.01	26.01 1.02 -0.01	22.94 0.81 0.00	22.45 0.73 0.00	22.79 0.74 0.00	27.62 0.98 0.00	35.05 1.52 0.01	32.12 1.61 0.00	32.16 1.61 0.01	32.78 1.72 0.01	38.97 2.09 0.01	34.41 1.94 0.00	38.64 2.19 0.00	54.73 3.34 0.00	35.81 2.31 0.00	32.84 1.95 -3.74	30.05 1.70 -4.23	27.93 1.92 0.00	30.28 1.86 -2.09	29.11 1.82 0.00	31.67 2.05 0.00	34.16 2.22 0.00	34.90 2.19 0.00	30.29 1.44 0.00
ASTORIA_GT_8 24108	28.27 1.24 0.00	26.04 1.05 -0.01	22.96 0.83 0.00	22.45 0.73 0.00	22.79 0.74 0.00	27.63 0.98 0.00	35.05 1.51 0.00	32.12 1.61 0.00	32.16 1.61 0.01	32.78 1.72 0.01	38.97 2.09 0.01	34.41 1.94 0.00	38.64 2.19 0.00	54.73 3.34 0.00	35.81 2.31 0.00	32.84 1.95 -3.74	30.05 1.70 -4.23	27.93 1.92 0.00	30.29 1.86 -2.09	29.11 1.82 0.00	31.67 2.05 0.00	34.16 2.22 0.00	34.89 2.19 0.00	30.29 1.44 0.00
ASTORIA___2 24149	28.23 1.19 -0.01	25.97 0.98 -0.01	22.91 0.78 0.00	22.42 0.70 0.00	22.76 0.71 0.00	27.58 0.95 0.00	34.99 1.45 0.01	32.06 1.55 0.00	32.10 1.55 0.01	32.71 1.65 0.01	38.89 2.01 0.01	34.35 1.87 0.00	38.56 2.11 0.00	54.63 3.24 0.00	35.75 2.24 0.00	32.79 1.90 -3.74	30.00 1.65 -4.23	27.88 1.86 0.00	30.23 1.80 -2.09	29.05 1.77 0.00	31.61 1.99 0.00	34.10 2.16 0.00	34.84 2.14 0.00	30.25 1.39 0.00
ASTORIA___3 23516	28.23 1.19 0.00	26.00 1.01 0.00	22.95 0.82 0.00	22.47 0.75 0.00	22.81 0.76 0.00	27.64 1.01 0.00	35.06 1.52 0.00	32.09 1.58 0.00	32.16 1.60 0.00	32.80 1.73 0.00	39.02 2.14 0.00	34.45 1.98 0.00	38.67 2.22 0.00	54.78 3.38 0.00	35.81 2.30 0.00	32.85 1.96 -3.74	30.05 1.70 -4.23	27.95 1.94 0.00	30.30 1.88 -2.09	29.11 1.83 0.00	31.66 2.04 0.00	34.12 2.17 0.00	34.87 2.17 0.00	30.30 1.45 0.00
ASTORIA___4 23517	28.23 1.20 0.00	26.00 1.02 0.00	22.95 0.83 0.00	22.47 0.75 0.00	22.82 0.76 0.00	27.65 1.01 0.00	35.06 1.52 0.00	32.09 1.59 0.00	32.16 1.60 0.00	32.80 1.74 0.00	39.02 2.14 0.00	34.45 1.98 0.00	38.67 2.22 0.00	54.78 3.38 0.00	35.81 2.30 0.00	32.85 1.96 -3.74	30.05 1.70 -4.23	27.96 1.94 0.00	30.31 1.88 -2.09	29.11 1.83 0.00	31.66 2.04 0.00	34.12 2.17 0.00	34.86 2.17 0.00	30.30 1.44 0.00
ASTORIA___5 23518	28.23 1.19 0.00	26.00 1.01 0.00	22.95 0.82 0.00	22.47 0.75 0.00	22.81 0.76 0.00	27.64 1.01 0.00	35.06 1.52 0.00	32.09 1.58 0.00	32.16 1.60 0.00	32.80 1.73 0.00	39.02 2.13 0.00	34.45 1.98 0.00	38.67 2.22 0.00	54.77 3.38 0.00	35.81 2.30 0.00	32.85 1.96 -3.74	30.05 1.70 -4.23	27.95 1.94 0.00	30.30 1.88 -2.09	29.11 1.83 0.00	31.66 2.04 0.00	34.12 2.17 0.00	34.87 2.17 0.00	30.30 1.45 0.00
AST_ENERGY_2_CC3 323677	28.18 1.14 0.00	26.01 1.03 0.00	23.00 0.88 0.00	22.55 0.83 0.00	22.90 0.85 0.00	27.75 1.11 0.00	35.19 1.65 0.00	32.21 1.71 0.00	32.29 1.73 0.00	32.93 1.87 0.00	39.18 2.29 0.00	34.56 2.09 0.00	38.82 2.38 0.00	54.99 3.60 0.00	35.93 2.42 0.00	32.96 2.07 -3.74	30.09 1.74 -4.23	27.98 1.96 0.00	30.36 1.94 -2.09	29.18 1.89 0.00	31.72 2.10 0.00	34.18 2.24 0.00	34.99 2.29 0.00	30.43 1.57 0.00
AST_ENERGY_2_CC4 323678	28.18 1.14 0.00	26.01 1.03 0.00	23.00 0.88 0.00	22.55 0.83 0.00	22.90 0.85 0.00	27.75 1.11 0.00	35.19 1.65 0.00	32.21 1.71 0.00	32.29 1.73 0.00	32.93 1.87 0.00	39.18 2.29 0.00	34.56 2.09 0.00	38.82 2.38 0.00	54.99 3.60 0.00	35.93 2.42 0.00	32.96 2.07 -3.74	30.09 1.74 -4.23	27.98 1.96 0.00	30.36 1.94 -2.09	29.18 1.89 0.00	31.72 2.10 0.00	34.18 2.24 0.00	34.99 2.29 0.00	30.43 1.57 0.00
ATHENS_STG_1 23668	27.64 0.60 0.00	25.53 0.55 0.00	22.65 0.53 0.00	22.23 0.51 0.00	22.57 0.52 0.00	27.26 0.62 0.00	34.47 0.93 0.00	31.45 0.94 0.00	31.51 0.95 0.00	32.11 1.05 0.00	38.20 1.31 0.00	33.63 1.16 0.00	37.72 1.28 0.00	53.41 2.01 0.00	34.88 1.37 0.00	32.46 1.19 -4.11	29.82 1.04 -4.66	27.15 1.13 0.00	29.78 1.15 -2.30	28.41 1.12 0.00	30.86 1.24 0.00	33.28 1.33 0.00	33.96 1.26 0.00	29.69 0.83 0.00
ATHENS_STG_2 23670	27.64 0.60 0.00	25.53 0.55 0.00	22.65 0.53 0.00	22.23 0.51 0.00	22.57 0.52 0.00	27.26 0.62 0.00	34.47 0.93 0.00	31.45 0.94 0.00	31.51 0.95 0.00	32.11 1.05 0.00	38.20 1.31 0.00	33.63 1.16 0.00	37.72 1.28 0.00	53.41 2.01 0.00	34.88 1.37 0.00	32.46 1.19 -4.11	29.82 1.04 -4.66	27.15 1.13 0.00	29.78 1.15 -2.30	28.41 1.12 0.00	30.86 1.24 0.00	33.28 1.33 0.00	33.96 1.26 0.00	29.69 0.83 0.00



ATHENS_STG_3 23677	27.64 0.60 0.00	25.53 0.55 0.00	22.65 0.53 0.00	22.23 0.51 0.00	22.57 0.52 0.00	27.26 0.62 0.00	34.47 0.93 0.00	31.45 0.94 0.00	31.51 0.95 0.00	32.11 1.05 0.00	38.20 1.31 0.00	33.63 1.16 0.00	37.72 1.28 0.00	53.41 2.01 0.00	34.88 1.37 0.00	32.46 1.19 -4.11	29.82 1.04 -4.66	27.15 1.13 0.00	29.78 1.15 -2.30	28.41 1.12 0.00	30.86 1.24 0.00	33.28 1.33 0.00	33.96 1.26 0.00	29.69 0.83 0.00
AUBURN____LFGE 323710	27.64 0.61 0.00	25.53 0.55 0.00	22.59 0.46 0.00	22.27 0.54 0.00	22.66 0.61 0.00	27.37 0.73 0.00	34.33 0.79 0.00	31.33 0.82 0.00	31.35 0.79 0.00	31.80 0.73 0.00	37.56 0.68 0.00	33.05 0.57 0.00	37.26 0.81 0.00	52.27 0.88 0.00	34.07 0.56 0.00	28.36 0.29 -0.92	25.53 0.37 -1.04	26.41 0.40 0.00	27.36 0.50 -0.51	27.76 0.47 0.00	30.08 0.46 0.00	32.36 0.41 0.00	33.19 0.49 0.00	29.30 0.44 0.00
BABYLON_RES_REC 323704	28.58 1.54 0.00	26.23 1.25 0.00	23.20 1.08 0.00	22.63 0.97 0.07	23.03 0.98 0.00	27.97 1.34 0.00	35.64 2.10 0.00	32.44 1.93 0.00	32.47 1.91 0.00	33.05 1.99 0.00	39.75 2.86 0.00	35.18 2.71 0.00	39.47 3.02 0.00	55.64 4.24 0.00	36.60 3.10 0.00	33.47 2.58 -3.73	30.59 2.24 -4.23	28.39 2.37 0.00	30.76 2.34 -2.09	29.43 2.14 0.00	31.95 2.32 0.00	34.40 2.45 0.00	35.14 2.44 0.00	30.56 1.70 0.00
BABYLON__69_KV_BK2 356345	28.85 1.81 0.00	26.41 1.42 0.00	23.36 1.23 0.00	22.68 1.15 0.19	23.21 1.16 0.00	28.21 1.57 0.00	35.98 2.44 0.00	32.74 2.24 0.00	32.81 2.26 0.00	33.40 2.34 0.00	40.20 3.31 0.00	35.63 3.16 0.00	39.96 3.51 0.00	56.19 4.80 0.00	37.07 3.56 0.00	33.82 2.93 -3.73	30.90 2.55 -4.23	28.74 2.72 0.00	31.11 2.69 -2.09	29.74 2.45 0.00	32.30 2.68 0.00	34.77 2.83 0.00	35.48 2.78 0.00	30.87 2.01 0.00
BALL_HILL_WT_PWR 323825	28.39 1.35 0.00	26.17 1.19 0.00	22.96 0.83 0.00	22.59 0.87 0.00	22.90 0.85 0.00	27.95 1.31 0.00	34.83 1.29 0.00	31.38 0.88 0.00	31.43 0.88 0.00	31.60 0.54 0.00	37.19 0.31 0.00	32.31 -0.16 0.00	36.65 0.21 0.00	51.01 -0.39 0.00	33.23 -0.28 0.00	27.69 -0.49 -1.03	24.86 -0.43 -1.17	25.22 -0.79 0.00	26.18 -0.73 -0.58	26.96 -0.33 0.00	29.43 -0.19 0.00	31.53 -0.42 0.00	32.70 0.00 0.00	29.07 0.20 0.00
BARON_WINDS____WT_PWR 323822	27.81 0.77 0.00	25.72 0.74 0.00	22.76 0.63 0.00	22.41 0.69 0.00	22.73 0.68 0.00	27.60 0.96 0.00	34.60 1.06 0.00	31.29 0.78 0.00	31.36 0.81 0.00	31.67 0.60 0.00	37.34 0.45 0.00	32.55 0.07 0.00	36.90 0.46 0.00	51.41 0.01 0.00	33.32 -0.19 0.00	28.03 -0.35 -1.22	25.23 -0.28 -1.39	25.74 -0.27 0.00	26.81 -0.21 -0.68	27.11 -0.18 0.00	29.41 -0.21 0.00	31.47 -0.48 0.00	32.46 -0.24 0.00	28.89 0.03 0.00
BARRETT_IC_1 23704	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT_IC_10 23701	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT_IC_11 23702	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT_IC_12 23703	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT_IC_2 23705	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT_IC_3 23706	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT_IC_4 23707	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT_IC_5 23708	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT_IC_6 23709	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00



BARRETT_IC_7 23710	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.58 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.99 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.93 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT_IC_8 23711	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT_IC_9 23700	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT___1 23545	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BARRETT___2 23546	28.35 1.31 0.00	26.09 1.11 0.00	23.11 0.98 0.00	22.57 0.85 0.00	22.90 0.84 0.00	27.81 1.17 0.00	35.38 1.84 0.00	32.18 1.67 0.00	32.14 1.59 0.00	32.62 1.56 0.00	39.23 2.35 0.00	34.66 2.18 0.00	38.95 2.50 0.00	54.95 3.55 0.00	36.09 2.58 0.00	33.03 2.14 -3.73	30.22 1.87 -4.23	28.00 1.98 0.00	30.33 1.90 -2.09	29.05 1.76 0.00	31.55 1.92 0.00	34.10 2.15 0.00	35.01 2.31 0.00	30.43 1.57 0.00
BATAVIA___115KV_TB1 55881	28.39 1.36 0.00	26.16 1.18 0.00	22.98 0.85 0.00	22.62 0.90 0.00	22.96 0.91 0.00	27.99 1.36 0.00	34.84 1.30 0.00	31.40 0.89 0.00	31.45 0.90 0.00	31.57 0.51 0.00	37.18 0.30 0.00	32.30 -0.17 0.00	36.52 0.08 0.00	50.86 -0.53 0.00	33.22 -0.28 0.00	27.69 -0.41 -0.94	24.94 -0.24 -1.06	25.62 -0.39 0.00	26.52 -0.34 -0.52	27.25 -0.04 0.00	29.55 -0.08 0.00	31.62 -0.32 0.00	32.75 0.05 0.00	29.14 0.28 0.00
BAYONEEC___CTG1 323682	28.23 1.19 0.00	26.03 1.05 0.00	23.02 0.90 0.00	22.57 0.85 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.21 1.67 0.00	32.21 1.71 0.00	32.28 1.73 0.00	32.93 1.87 0.00	39.16 2.28 0.00	34.56 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.42 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.41 1.99 -2.09	29.23 1.94 0.00	31.78 2.16 0.00	34.22 2.28 0.00	34.99 2.29 0.00	30.41 1.55 0.00
BAYONEEC___CTG10 323750	28.23 1.19 0.00	26.03 1.05 0.00	23.02 0.90 0.00	22.57 0.85 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.21 1.67 0.00	32.21 1.71 0.00	32.28 1.73 0.00	32.93 1.87 0.00	39.16 2.28 0.00	34.56 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.42 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.41 1.99 -2.09	29.23 1.94 0.00	31.78 2.16 0.00	34.22 2.28 0.00	34.99 2.29 0.00	30.41 1.55 0.00
BAYONEEC___CTG2 323683	28.23 1.19 0.00	26.03 1.05 0.00	23.02 0.90 0.00	22.57 0.85 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.21 1.67 0.00	32.21 1.71 0.00	32.28 1.73 0.00	32.93 1.87 0.00	39.16 2.28 0.00	34.56 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.42 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.41 1.99 -2.09	29.23 1.94 0.00	31.78 2.16 0.00	34.22 2.28 0.00	34.99 2.29 0.00	30.41 1.55 0.00
BAYONEEC___CTG3 323684	28.23 1.19 0.00	26.03 1.05 0.00	23.02 0.90 0.00	22.57 0.85 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.21 1.67 0.00	32.21 1.71 0.00	32.28 1.73 0.00	32.93 1.87 0.00	39.16 2.28 0.00	34.56 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.42 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.41 1.99 -2.09	29.23 1.94 0.00	31.78 2.16 0.00	34.22 2.28 0.00	34.99 2.29 0.00	30.41 1.55 0.00
BAYONEEC___CTG4 323685	28.23 1.19 0.00	26.03 1.05 0.00	23.02 0.90 0.00	22.57 0.85 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.21 1.67 0.00	32.21 1.71 0.00	32.28 1.73 0.00	32.93 1.87 0.00	39.16 2.28 0.00	34.56 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.42 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.41 1.99 -2.09	29.23 1.94 0.00	31.78 2.16 0.00	34.22 2.28 0.00	34.99 2.29 0.00	30.41 1.55 0.00
BAYONEEC___CTG5 323686	28.23 1.19 0.00	26.03 1.05 0.00	23.02 0.90 0.00	22.57 0.85 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.21 1.67 0.00	32.21 1.71 0.00	32.28 1.73 0.00	32.93 1.87 0.00	39.16 2.28 0.00	34.56 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.42 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.41 1.99 -2.09	29.23 1.94 0.00	31.78 2.16 0.00	34.22 2.28 0.00	34.99 2.29 0.00	30.41 1.55 0.00
BAYONEEC___CTG6 323687	28.23 1.19 0.00	26.03 1.05 0.00	23.02 0.90 0.00	22.57 0.85 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.21 1.67 0.00	32.21 1.71 0.00	32.28 1.73 0.00	32.93 1.87 0.00	39.16 2.28 0.00	34.56 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.42 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.41 1.99 -2.09	29.23 1.94 0.00	31.78 2.16 0.00	34.22 2.28 0.00	34.99 2.29 0.00	30.41 1.55 0.00
BAYONEEC___CTG7 323688	28.23 1.19 0.00	26.03 1.05 0.00	23.02 0.90 0.00	22.57 0.85 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.21 1.67 0.00	32.21 1.71 0.00	32.28 1.73 0.00	32.93 1.87 0.00	39.16 2.28 0.00	34.56 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.42 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.41 1.99 -2.09	29.23 1.94 0.00	31.78 2.16 0.00	34.22 2.28 0.00	34.99 2.29 0.00	30.41 1.55 0.00
BAYONEEC___CTG8 323689	28.23 1.19 0.00	26.03 1.05 0.00	23.02 0.90 0.00	22.57 0.85 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.21 1.67 0.00	32.21 1.71 0.00	32.28 1.73 0.00	32.93 1.87 0.00	39.16 2.28 0.00	34.56 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.42 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.41 1.99 -2.09	29.23 1.94 0.00	31.78 2.16 0.00	34.22 2.28 0.00	34.99 2.29 0.00	30.41 1.55 0.00



BAYONEEC___CTG9 323749	28.23 1.19 0.00	26.03 1.05 0.00	23.02 0.90 0.00	22.57 0.85 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.21 1.67 0.00	32.21 1.71 0.00	32.28 1.73 0.00	32.93 1.87 0.00	39.16 2.28 0.00	34.56 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.42 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.41 1.99 -2.09	29.23 1.94 0.00	31.78 2.16 0.00	34.22 2.28 0.00	34.99 2.29 0.00	30.41 1.55 0.00
BEACON___LESR 323632	27.56 0.53 0.00	25.46 0.47 0.00	22.53 0.40 0.00	22.10 0.38 0.00	22.52 0.47 0.00	27.30 0.66 0.00	34.57 1.03 0.00	31.57 1.06 0.00	31.63 1.07 0.00	32.24 1.18 0.00	38.41 1.53 0.00	33.74 1.26 0.00	37.78 1.33 0.00	53.65 2.26 0.00	34.98 1.48 0.00	33.02 1.28 -4.58	30.52 1.21 -5.19	27.31 1.29 0.00	30.26 1.36 -2.56	28.54 1.25 0.00	31.01 1.38 0.00	33.47 1.52 0.00	33.94 1.24 0.00	29.71 0.85 0.00
BEAVER RIVER___HYD 24048	27.13 0.09 0.00	25.15 0.17 0.00	22.43 0.30 0.00	22.02 0.30 0.00	22.34 0.29 0.00	26.99 0.35 0.00	34.24 0.69 0.00	31.18 0.67 0.00	31.26 0.70 0.00	31.75 0.68 0.00	37.59 0.70 0.00	33.05 0.57 0.00	36.81 0.36 0.00	51.60 0.21 0.00	33.35 -0.16 0.00	27.12 -0.33 -0.30	24.18 -0.28 -0.34	26.31 0.30 0.00	26.93 0.43 -0.16	27.69 0.40 0.00	29.91 0.29 0.00	32.40 0.46 0.00	33.14 0.44 0.00	29.27 0.41 0.00
BEEBEE_GT_13 23619	27.67 0.64 0.00	25.52 0.54 0.00	22.48 0.36 0.00	22.11 0.39 0.00	22.47 0.41 0.00	27.31 0.67 0.00	34.08 0.54 0.00	30.83 0.32 0.00	30.85 0.29 0.00	31.11 0.05 0.00	36.74 -0.14 0.00	32.05 -0.42 0.00	36.16 -0.29 0.00	50.58 -0.81 0.00	33.00 -0.50 0.00	27.51 -0.52 -0.88	24.73 -0.39 -0.99	25.50 -0.51 0.00	26.37 -0.46 -0.49	27.02 -0.27 0.00	29.30 -0.32 0.00	31.44 -0.51 0.00	32.42 -0.28 0.00	28.81 -0.05 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.43 1.40 0.00	26.20 1.22 0.00	23.13 1.01 0.00	22.65 0.93 0.00	23.00 0.94 0.00	27.86 1.22 0.00	35.29 1.75 0.00	32.33 1.83 0.00	32.40 1.85 0.00	33.02 1.96 0.00	39.28 2.39 0.00	34.70 2.23 0.00	38.92 2.48 0.00	55.17 3.78 0.00	36.05 2.55 0.00	33.05 2.16 -3.74	30.25 1.89 -4.23	28.21 2.19 0.00	30.55 2.12 -2.09	29.38 2.09 0.00	31.98 2.36 0.00	34.45 2.51 0.00	35.21 2.51 0.00	30.57 1.71 0.00
BETHLEHEM___GRP 23843	27.13 0.09 0.00	25.05 0.07 0.00	22.22 0.09 0.00	21.80 0.07 0.00	22.15 0.10 0.00	26.80 0.16 0.00	33.93 0.38 0.00	30.98 0.47 0.00	31.03 0.47 0.00	31.63 0.56 0.00	37.66 0.77 0.00	33.13 0.66 0.00	37.06 0.62 0.00	52.60 1.21 0.00	34.32 0.81 0.00	32.52 0.78 -4.59	30.02 0.70 -5.20	26.75 0.74 0.00	29.66 0.76 -2.56	27.97 0.68 0.00	30.37 0.74 0.00	32.76 0.81 0.00	33.37 0.67 0.00	29.21 0.35 0.00
BETHLEHEM___GS1 323560	27.13 0.10 0.00	25.05 0.07 0.00	22.22 0.09 0.00	21.80 0.07 0.00	22.16 0.10 0.00	26.81 0.16 0.00	33.93 0.38 0.00	30.98 0.47 0.00	31.03 0.47 0.00	31.63 0.56 0.00	37.66 0.77 0.00	33.13 0.66 0.00	37.06 0.62 0.00	52.60 1.21 0.00	34.32 0.81 0.00	32.52 0.78 -4.59	30.01 0.69 -5.20	26.75 0.74 0.00	29.66 0.76 -2.56	27.97 0.68 0.00	30.36 0.74 0.00	32.76 0.81 0.00	33.37 0.67 0.00	29.21 0.35 0.00
BETHLEHEM___GS2 323561	27.13 0.10 0.00	25.05 0.07 0.00	22.22 0.09 0.00	21.80 0.07 0.00	22.16 0.10 0.00	26.81 0.16 0.00	33.93 0.38 0.00	30.98 0.47 0.00	31.03 0.47 0.00	31.63 0.56 0.00	37.66 0.77 0.00	33.13 0.66 0.00	37.06 0.62 0.00	52.60 1.21 0.00	34.32 0.81 0.00	32.52 0.78 -4.59	30.01 0.69 -5.20	26.75 0.74 0.00	29.66 0.76 -2.56	27.97 0.68 0.00	30.36 0.74 0.00	32.76 0.81 0.00	33.37 0.67 0.00	29.21 0.35 0.00
BETHLEHEM___GS3 323562	27.13 0.10 0.00	25.05 0.07 0.00	22.22 0.09 0.00	21.80 0.07 0.00	22.16 0.10 0.00	26.81 0.16 0.00	33.93 0.38 0.00	30.98 0.47 0.00	31.03 0.47 0.00	31.63 0.56 0.00	37.66 0.77 0.00	33.13 0.66 0.00	37.06 0.62 0.00	52.60 1.21 0.00	34.32 0.81 0.00	32.52 0.78 -4.59	30.01 0.69 -5.20	26.75 0.74 0.00	29.66 0.76 -2.56	27.97 0.68 0.00	30.36 0.74 0.00	32.76 0.81 0.00	33.37 0.67 0.00	29.21 0.35 0.00
BETHLEHEM___STEEL 23779	28.29 1.25 0.00	26.07 1.09 0.00	22.89 0.76 0.00	22.54 0.82 0.00	22.88 0.83 0.00	27.90 1.26 0.00	34.69 1.15 0.00	31.23 0.72 0.00	31.23 0.68 0.00	31.35 0.29 0.00	36.89 0.00 0.00	32.02 -0.46 0.00	36.27 -0.17 0.00	50.43 -0.96 0.00	32.92 -0.59 0.00	27.45 -0.72 -1.01	24.71 -0.56 -1.15	25.20 -0.82 0.00	26.12 -0.78 -0.57	26.85 -0.43 0.00	29.21 -0.41 0.00	31.32 -0.63 0.00	32.50 -0.20 0.00	28.93 0.07 0.00
BETHLHEM_115KV_TB1 79974	27.23 0.19 0.00	25.13 0.15 0.00	22.30 0.17 0.00	21.87 0.15 0.00	22.23 0.17 0.00	26.89 0.25 0.00	34.03 0.49 0.00	31.07 0.56 0.00	31.11 0.56 0.00	31.71 0.65 0.00	37.75 0.87 0.00	33.22 0.75 0.00	37.17 0.72 0.00	52.74 1.34 0.00	34.41 0.90 0.00	32.59 0.85 -4.58	30.07 0.76 -5.19	26.82 0.80 0.00	29.73 0.83 -2.56	28.04 0.76 0.00	30.45 0.83 0.00	32.85 0.91 0.00	33.47 0.77 0.00	29.29 0.44 0.00
BETHPAGE_CC_5 323564	28.57 1.54 0.00	26.26 1.28 0.00	23.21 1.09 0.00	22.66 0.97 0.03	23.01 0.95 0.00	27.92 1.28 0.00	35.45 1.91 0.00	32.23 1.72 0.00	32.24 1.69 0.00	32.82 1.76 0.00	39.42 2.54 0.00	34.87 2.39 0.00	39.15 2.70 0.00	55.24 3.84 0.00	36.31 2.81 0.00	33.23 2.33 -3.73	30.36 2.01 -4.23	28.17 2.15 0.00	30.55 2.13 -2.09	29.23 1.94 0.00	31.73 2.11 0.00	34.19 2.25 0.00	34.99 2.29 0.00	30.46 1.60 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.40 1.36 0.00	26.17 1.19 0.00	22.97 0.85 0.00	22.63 0.90 0.00	22.97 0.91 0.00	28.00 1.37 0.00	34.85 1.30 0.00	31.38 0.88 0.00	31.39 0.83 0.00	31.51 0.45 0.00	37.09 0.21 0.00	32.20 -0.27 0.00	36.48 0.03 0.00	50.72 -0.68 0.00	33.11 -0.39 0.00	27.60 -0.57 -1.02	24.84 -0.44 -1.15	25.34 -0.67 0.00	26.27 -0.64 -0.57	27.01 -0.27 0.00	29.38 -0.24 0.00	31.49 -0.46 0.00	32.68 -0.02 0.00	29.06 0.20 0.00
BINGHAMTON___COGEN 23790	27.65 0.62 0.00	25.55 0.57 0.00	22.60 0.48 0.00	22.21 0.48 0.00	22.54 0.49 0.00	27.27 0.63 0.00	34.34 0.80 0.00	31.23 0.72 0.00	31.39 0.84 0.00	31.88 0.82 0.00	37.78 0.89 0.00	33.15 0.67 0.00	37.39 0.94 0.00	52.55 1.16 0.00	34.09 0.59 0.00	29.16 0.42 -1.59	26.31 0.39 -1.80	26.43 0.42 0.00	27.70 0.47 -0.89	27.84 0.56 0.00	30.25 0.62 0.00	32.43 0.48 0.00	33.27 0.57 0.00	29.28 0.42 0.00
BIXINCNT_115KV_LOAD 355685	28.85 1.81 0.00	26.62 1.64 0.00	23.39 1.27 0.00	23.04 1.31 0.00	23.36 1.31 0.00	28.46 1.82 0.00	35.55 2.01 0.00	32.13 1.63 0.00	32.18 1.62 0.00	32.33 1.26 0.00	38.05 1.17 0.00	33.14 0.67 0.00	37.55 1.11 0.00	52.11 0.72 0.00	33.94 0.43 0.00	28.23 0.03 -1.05	25.37 0.06 -1.19	25.92 -0.10 0.00	26.79 -0.13 -0.58	27.55 0.27 0.00	29.99 0.36 0.00	32.07 0.12 0.00	33.51 0.81 0.00	29.68 0.83 0.00



BLACK RIVER___HYD 24047	27.37 0.34 0.00	25.35 0.37 0.00	22.59 0.46 0.00	22.17 0.45 0.00	22.52 0.47 0.00	27.28 0.64 0.00	34.59 1.05 0.00	31.45 0.95 0.00	31.55 0.99 0.00	32.01 0.94 0.00	37.86 0.98 0.00	33.23 0.76 0.00	37.00 0.56 0.00	51.91 0.52 0.00	33.46 -0.04 0.00	27.33 -0.24 -0.42	24.45 -0.15 -0.48	26.52 0.50 0.00	27.24 0.66 -0.24	27.93 0.64 0.00	30.18 0.55 0.00	32.65 0.71 0.00	33.33 0.63 0.00	29.43 0.58 0.00
BLACKRVR_115KV_TB2 79977	27.37 0.34 0.00	25.35 0.37 0.00	22.59 0.46 0.00	22.17 0.45 0.00	22.53 0.47 0.00	27.28 0.64 0.00	34.59 1.05 0.00	31.46 0.95 0.00	31.55 0.99 0.00	32.01 0.94 0.00	37.86 0.98 0.00	33.23 0.76 0.00	37.00 0.56 0.00	51.91 0.52 0.00	33.46 -0.05 0.00	27.33 -0.24 -0.42	24.45 -0.15 -0.48	26.52 0.50 0.00	27.24 0.66 -0.24	27.93 0.64 0.00	30.18 0.55 0.00	32.65 0.71 0.00	33.33 0.63 0.00	29.44 0.58 0.00
BLISS_WT_PWR 323608	28.87 1.83 0.00	26.64 1.66 0.00	23.41 1.29 0.00	23.06 1.34 0.00	23.39 1.33 0.00	28.50 1.86 0.00	35.59 2.05 0.00	32.18 1.67 0.00	32.22 1.67 0.00	32.36 1.30 0.00	38.09 1.21 0.00	33.18 0.70 0.00	37.59 1.14 0.00	52.12 0.73 0.00	33.93 0.42 0.00	28.22 0.02 -1.05	25.35 0.05 -1.19	25.91 -0.11 0.00	26.76 -0.17 -0.58	27.52 0.23 0.00	29.95 0.33 0.00	32.00 0.05 0.00	33.51 0.81 0.00	29.70 0.84 0.00
BLUESTONE___WT_PWR 323821	28.70 1.66 0.00	26.51 1.53 0.00	23.43 1.30 0.00	23.04 1.32 0.00	23.44 1.39 0.00	28.46 1.82 0.00	36.04 2.50 0.00	33.02 2.51 0.00	33.60 3.05 0.00	34.09 3.03 0.00	40.35 3.47 0.00	35.37 2.89 0.00	39.83 3.39 0.00	55.82 4.43 0.00	35.76 2.25 0.00	30.53 1.74 -1.63	27.57 1.61 -1.84	27.89 1.88 0.00	29.10 1.85 -0.91	29.18 1.90 0.00	31.51 1.89 0.00	33.82 1.87 0.00	34.56 1.86 0.00	30.18 1.33 0.00
BLUE_CIRC_CHEM_DRP 24182	27.61 0.57 0.00	25.51 0.52 0.00	22.64 0.51 0.00	22.21 0.49 0.00	22.57 0.52 0.00	27.31 0.67 0.00	34.52 0.98 0.00	31.48 0.97 0.00	31.51 0.96 0.00	32.12 1.06 0.00	38.19 1.31 0.00	33.61 1.14 0.00	37.61 1.17 0.00	53.32 1.92 0.00	34.80 1.29 0.00	32.81 1.15 -4.51	30.26 1.04 -5.10	27.12 1.11 0.00	29.98 1.13 -2.52	28.37 1.08 0.00	30.79 1.17 0.00	33.23 1.28 0.00	33.87 1.17 0.00	29.68 0.82 0.00
BOC_GAS_DRP 24189	27.47 0.43 0.00	25.36 0.38 0.00	22.51 0.38 0.00	22.08 0.36 0.00	22.43 0.38 0.00	27.11 0.47 0.00	34.27 0.73 0.00	31.27 0.76 0.00	31.31 0.85 0.00	31.91 0.76 0.00	37.96 1.08 0.00	33.41 0.94 0.00	37.42 0.97 0.00	53.02 1.63 0.00	34.61 1.10 0.00	32.70 0.98 -4.56	30.16 0.87 -5.17	26.95 0.93 0.00	29.84 0.95 -2.55	28.20 0.91 0.00	30.63 1.00 0.00	33.03 1.08 0.00	33.69 0.99 0.00	29.51 0.65 0.00
BOONVILLE_115KV_TB1 79983	27.53 0.49 0.00	25.48 0.50 0.00	22.65 0.53 0.00	22.25 0.52 0.00	22.60 0.54 0.00	27.36 0.72 0.00	34.63 1.09 0.00	31.57 1.06 0.00	31.66 1.10 0.00	32.17 1.11 0.00	38.16 1.27 0.00	33.54 1.07 0.00	37.51 1.06 0.00	52.78 1.39 0.00	34.28 0.77 0.00	27.94 0.54 -0.24	24.87 0.47 -0.27	26.80 0.78 0.00	27.35 0.87 -0.13	28.18 0.89 0.00	30.50 0.88 0.00	32.89 0.95 0.00	33.60 0.90 0.00	29.61 0.75 0.00
BORALEX_4TH_BRANCH 23824	28.37 1.34 0.00	26.18 1.19 0.00	23.16 1.04 0.00	22.72 0.99 0.00	23.12 1.07 0.00	28.04 1.40 0.00	35.30 1.76 0.00	32.21 1.70 0.00	32.30 1.75 0.00	32.96 1.89 0.00	39.34 2.46 0.00	34.40 1.93 0.00	38.43 1.98 0.00	54.74 3.34 0.00	35.75 2.24 0.00	33.67 1.98 -4.53	30.77 1.51 -5.13	27.53 1.51 0.00	30.40 1.53 -2.53	28.77 1.48 0.00	31.57 1.95 0.00	34.16 2.21 0.00	34.82 2.12 0.00	30.41 1.55 0.00
BOWLINE___1 23526	27.82 0.78 0.00	25.63 0.66 0.00	22.68 0.56 0.00	22.26 0.53 0.00	22.59 0.54 0.00	27.38 0.74 0.00	34.66 1.12 0.00	31.64 1.14 0.00	31.71 1.15 0.00	32.29 1.23 0.00	38.41 1.52 0.00	33.84 1.36 0.00	38.10 1.66 0.00	53.97 2.58 0.00	35.24 1.73 0.00	32.01 1.44 -3.42	29.26 1.26 -3.87	27.46 1.44 0.00	29.72 1.47 -1.91	28.73 1.45 0.00	31.23 1.61 0.00	33.59 1.65 0.00	34.27 1.57 0.00	29.84 0.98 0.00
BOWLINE___2 23595	27.87 0.83 0.00	25.69 0.70 0.00	22.72 0.60 0.00	22.30 0.57 0.00	22.64 0.58 0.00	27.43 0.79 0.00	34.73 1.19 0.00	31.70 1.20 0.00	31.77 1.22 0.00	32.35 1.29 0.00	38.47 1.59 0.00	33.90 1.42 0.00	38.16 1.72 0.00	54.06 2.67 0.00	35.30 1.79 0.00	32.06 1.49 -3.42	29.31 1.31 -3.87	27.50 1.49 0.00	29.78 1.53 -1.91	28.78 1.50 0.00	31.29 1.67 0.00	33.65 1.71 0.00	34.33 1.62 0.00	29.89 1.03 0.00
BRADY___115KV_TB2 356060	27.97 0.94 0.00	25.84 0.86 0.00	22.90 0.77 0.00	22.53 0.81 0.00	22.73 0.68 0.00	27.27 0.63 0.00	34.76 1.22 0.00	31.80 1.29 0.00	31.78 1.23 0.00	32.20 1.14 0.00	38.07 1.18 0.00	33.57 1.10 0.00	37.52 1.08 0.00	52.73 1.33 0.00	34.39 0.88 0.00	27.78 0.51 -0.12	24.71 0.45 -0.14	26.73 0.72 0.00	27.13 0.72 -0.07	28.00 0.72 0.00	30.27 0.65 0.00	32.90 0.95 0.00	33.85 1.15 0.00	30.01 1.15 0.00
BRANSCOMB___SOLAR 323811	28.21 1.17 0.00	26.00 1.02 0.00	23.02 0.90 0.00	22.58 0.86 0.00	22.99 0.93 0.00	27.87 1.23 0.00	35.33 1.79 0.00	32.29 1.78 0.00	32.37 1.81 0.00	32.96 1.90 0.00	39.28 2.40 0.00	34.51 2.04 0.00	38.59 2.14 0.00	54.69 3.30 0.00	35.65 2.14 0.00	33.73 1.84 -4.73	31.14 1.66 -5.36	27.73 1.72 0.00	30.72 1.74 -2.64	28.99 1.70 0.00	31.49 1.87 0.00	34.00 2.06 0.00	34.63 1.93 0.00	30.26 1.40 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	28.73 1.69 0.00	26.30 1.32 0.00	23.26 1.14 0.00	22.65 1.07 0.14	23.12 1.07 0.00	28.09 1.45 0.00	35.87 2.32 0.00	32.61 2.10 0.00	32.65 2.09 0.00	33.24 2.18 0.00	40.06 3.17 0.00	35.54 3.06 0.00	39.83 3.38 0.00	56.01 4.62 0.00	36.95 3.44 0.00	33.74 2.85 -3.73	30.82 2.47 -4.23	28.56 2.54 0.00	30.91 2.49 -2.09	29.52 2.24 0.00	32.07 2.45 0.00	34.60 2.65 0.00	35.32 2.62 0.00	30.75 1.89 0.00
BRISTLHL_115KV_TB1 79998	26.89 -0.14 0.00	24.82 -0.16 0.00	21.98 -0.15 0.00	21.59 -0.14 0.00	21.93 -0.12 0.00	26.48 -0.16 0.00	33.16 -0.38 0.00	30.00 -0.51 0.00	30.09 -0.47 0.00	30.55 -0.51 0.00	36.28 -0.60 0.00	31.85 -0.62 0.00	35.79 -0.65 0.00	50.39 -1.00 0.00	32.83 -0.68 0.00	27.25 -0.57 -0.67	24.42 -0.46 -0.75	25.50 -0.52 0.00	26.24 -0.48 -0.37	26.83 -0.45 0.00	29.14 -0.48 0.00	31.35 -0.60 0.00	32.17 -0.53 0.00	28.58 -0.28 0.00
BROOKHAVEN___DRP 24191	28.49 1.45 0.00	25.86 0.88 0.00	22.87 0.75 0.00	20.95 0.72 1.49	22.82 0.78 0.01	27.77 1.13 0.00	35.59 2.05 0.00	32.33 1.83 0.00	32.56 2.00 0.00	33.11 2.05 0.00	39.97 3.08 0.00	35.60 3.12 0.00	39.75 3.31 0.00	55.72 4.33 0.00	36.94 3.43 0.00	33.66 2.77 -3.73	30.80 2.45 -4.23	28.74 2.73 0.00	31.06 2.64 -2.09	29.54 2.25 0.00	32.13 2.51 0.00	34.46 2.52 0.00	35.04 2.34 0.00	30.61 1.75 0.00



BROOKLYN_NAVY_YARD 23515	28.21 1.18 0.00	26.01 1.03 0.00	22.99 0.87 0.00	22.55 0.82 0.00	22.90 0.85 0.00	27.75 1.11 0.00	35.19 1.65 0.00	32.21 1.70 0.00	32.30 1.74 0.00	32.95 1.89 0.00	39.13 2.25 0.00	34.56 2.09 0.00	38.84 2.40 0.00	55.03 3.64 0.00	35.92 2.42 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.42 1.99 -2.09	29.24 1.95 0.00	31.78 2.16 0.00	34.22 2.27 0.00	34.98 2.28 0.00	30.40 1.55 0.00
BROOKLYN___ARMY_DRP 323595	28.31 1.28 0.00	26.09 1.11 0.00	23.04 0.92 0.00	22.57 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.60 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.86 1.80 0.00	39.09 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.91 3.52 0.00	35.88 2.37 0.00	32.91 2.02 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.98 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.05 2.35 0.00	30.45 1.59 0.00
BROOKVLE_69_KV_TB1 55790	28.62 1.58 0.00	26.33 1.35 0.00	23.29 1.17 0.00	22.79 1.07 0.00	23.14 1.09 0.00	28.10 1.46 0.00	35.73 2.19 0.00	32.58 2.07 0.00	32.57 2.01 0.00	33.16 2.09 0.00	39.79 2.90 0.00	35.12 2.65 0.00	39.45 3.00 0.00	55.69 4.30 0.00	36.54 3.03 0.00	33.42 2.53 -3.73	30.56 2.20 -4.23	28.39 2.37 0.00	30.79 2.36 -2.09	29.52 2.23 0.00	32.04 2.42 0.00	34.51 2.57 0.00	35.28 2.58 0.00	30.67 1.81 0.00
BROOME_2_LFGE 323671	27.65 0.62 0.00	25.55 0.57 0.00	22.60 0.48 0.00	22.21 0.48 0.00	22.54 0.49 0.00	27.27 0.63 0.00	34.34 0.79 0.00	31.23 0.72 0.00	31.39 0.84 0.00	31.88 0.82 0.00	37.78 0.89 0.00	33.14 0.67 0.00	37.39 0.94 0.00	52.55 1.16 0.00	34.09 0.59 0.00	29.16 0.42 -1.59	26.31 0.39 -1.80	26.43 0.42 0.00	27.70 0.47 -0.89	27.84 0.56 0.00	30.24 0.62 0.00	32.43 0.48 0.00	33.27 0.57 0.00	29.28 0.42 0.00
BROOME___LFGE 323600	27.65 0.62 0.00	25.55 0.57 0.00	22.60 0.48 0.00	22.21 0.48 0.00	22.54 0.49 0.00	27.27 0.63 0.00	34.34 0.79 0.00	31.23 0.72 0.00	31.39 0.84 0.00	31.88 0.82 0.00	37.78 0.89 0.00	33.14 0.67 0.00	37.39 0.94 0.00	52.55 1.16 0.00	34.09 0.59 0.00	29.16 0.42 -1.59	26.31 0.39 -1.80	26.43 0.42 0.00	27.70 0.47 -0.89	27.84 0.56 0.00	30.24 0.62 0.00	32.43 0.48 0.00	33.27 0.57 0.00	29.28 0.42 0.00
BROWNFLS_115KV_TB_3_5 80003	26.99 -0.05 0.00	24.99 0.01 0.00	22.22 0.10 0.00	21.82 0.10 0.00	22.07 0.02 0.00	26.55 -0.09 0.00	33.66 0.12 0.00	30.65 0.14 0.00	30.69 0.14 0.00	31.17 0.11 0.00	36.93 0.04 0.00	32.52 0.05 0.00	36.31 -0.14 0.00	50.95 -0.44 0.00	33.07 -0.44 0.00	26.82 -0.55 -0.21	23.87 -0.49 -0.24	25.87 -0.15 0.00	26.37 -0.09 -0.12	27.15 -0.14 0.00	29.36 -0.26 0.00	31.90 -0.05 0.00	32.77 0.07 0.00	29.01 0.15 0.00
BROWNSV1_27_KV_LOAD 356125	28.47 1.43 0.00	26.24 1.26 0.00	23.21 1.08 0.00	22.75 1.02 0.00	23.10 1.05 0.00	28.02 1.38 0.00	35.53 1.99 0.00	32.54 2.03 0.00	32.62 2.06 0.00	33.28 2.21 0.00	39.57 2.68 0.00	34.91 2.44 0.00	39.23 2.78 0.00	55.55 4.16 0.00	36.29 2.78 0.00	33.25 2.36 -3.74	30.39 2.03 -4.23	28.30 2.29 0.00	30.71 2.28 -2.09	29.53 2.24 0.00	32.10 2.48 0.00	34.57 2.62 0.00	35.31 2.62 0.00	30.68 1.83 0.00
BURROWS___LYONSDAL 23803	27.43 0.40 0.00	25.41 0.43 0.00	22.62 0.49 0.00	22.21 0.49 0.00	22.55 0.50 0.00	27.30 0.66 0.00	34.57 1.03 0.00	31.51 1.00 0.00	31.60 1.04 0.00	32.11 1.05 0.00	38.07 1.18 0.00	33.46 0.99 0.00	37.38 0.94 0.00	52.56 1.17 0.00	34.11 0.60 0.00	27.78 0.37 -0.25	24.73 0.32 -0.28	26.70 0.69 0.00	27.28 0.80 -0.14	28.09 0.80 0.00	30.38 0.76 0.00	32.81 0.87 0.00	33.52 0.82 0.00	29.55 0.69 0.00
CAITHNESS_CC_1 323624	28.46 1.42 0.00	25.84 0.86 0.00	22.85 0.73 0.00	20.93 0.70 1.50	22.80 0.76 0.01	27.75 1.11 0.00	35.57 2.03 0.00	32.31 1.80 0.00	32.51 1.96 0.00	33.07 2.01 0.00	39.93 3.05 0.00	35.56 3.09 0.00	39.72 3.28 0.00	55.68 4.29 0.00	36.90 3.39 0.00	33.64 2.75 -3.73	30.78 2.43 -4.23	28.70 2.69 0.00	31.02 2.59 -2.09	29.49 2.21 0.00	32.07 2.45 0.00	34.42 2.47 0.00	35.02 2.32 0.00	30.58 1.72 0.00
CALPINE BETH_PAGE_GT4 24209	28.57 1.53 0.00	26.25 1.27 0.00	23.22 1.09 0.00	22.70 0.97 0.00	23.03 0.98 0.00	27.95 1.31 0.00	35.44 1.90 0.00	32.25 1.74 0.00	32.27 1.71 0.00	32.85 1.79 0.00	39.43 2.55 0.00	34.87 2.39 0.00	39.15 2.71 0.00	55.24 3.85 0.00	36.31 2.80 0.00	33.22 2.33 -3.73	30.37 2.01 -4.23	28.18 2.16 0.00	30.56 2.13 -2.09	29.25 1.96 0.00	31.75 2.12 0.00	34.21 2.27 0.00	34.99 2.28 0.00	30.45 1.60 0.00
CALPINE_BETH_PAGE_GT_4 323586	28.57 1.53 0.00	26.25 1.27 0.00	23.22 1.09 0.00	22.70 0.97 0.00	23.03 0.98 0.00	27.95 1.31 0.00	35.44 1.90 0.00	32.25 1.74 0.00	32.27 1.71 0.00	32.85 1.79 0.00	39.43 2.55 0.00	34.87 2.39 0.00	39.15 2.71 0.00	55.23 3.84 0.00	36.31 2.80 0.00	33.22 2.33 -3.73	30.37 2.02 -4.23	28.18 2.16 0.00	30.55 2.13 -2.09	29.24 1.96 0.00	31.75 2.12 0.00	34.21 2.27 0.00	34.99 2.29 0.00	30.45 1.60 0.00
CALPINE_BP_GT1 23823	28.57 1.53 0.00	26.25 1.27 0.00	23.22 1.09 0.00	22.70 0.97 0.00	23.03 0.98 0.00	27.95 1.31 0.00	35.44 1.90 0.00	32.25 1.74 0.00	32.27 1.71 0.00	32.85 1.79 0.00	39.43 2.55 0.00	34.87 2.39 0.00	39.15 2.71 0.00	55.23 3.84 0.00	36.31 2.80 0.00	33.22 2.33 -3.73	30.37 2.02 -4.23	28.18 2.16 0.00	30.55 2.13 -2.09	29.24 1.96 0.00	31.75 2.12 0.00	34.21 2.27 0.00	34.99 2.29 0.00	30.45 1.60 0.00
CALSPAN___DRP 24200	28.29 1.25 0.00	26.07 1.09 0.00	22.89 0.76 0.00	22.54 0.82 0.00	22.88 0.83 0.00	27.90 1.26 0.00	34.69 1.15 0.00	31.23 0.72 0.00	31.23 0.68 0.00	31.35 0.29 0.00	36.89 0.00 0.00	32.02 -0.46 0.00	36.27 -0.17 0.00	50.43 -0.96 0.00	32.92 -0.59 0.00	27.45 -0.72 -1.01	24.71 -0.56 -1.15	25.20 -0.82 0.00	26.12 -0.78 -0.57	26.85 -0.43 0.00	29.21 -0.41 0.00	31.32 -0.63 0.00	32.50 -0.20 0.00	28.93 0.07 0.00
CALVERTON___SOLAR 323806	28.54 1.50 0.00	25.90 0.92 0.00	22.90 0.78 0.00	20.98 0.75 1.49	22.85 0.81 0.01	27.82 1.18 0.00	35.65 2.11 0.00	32.39 1.89 0.00	32.63 2.08 0.00	33.18 2.12 0.00	40.04 3.16 0.00	35.67 3.20 0.00	39.82 3.37 0.00	55.81 4.42 0.00	37.00 3.50 0.00	33.71 2.83 -3.73	30.86 2.51 -4.23	28.81 2.80 0.00	31.14 2.71 -2.09	29.60 2.31 0.00	32.20 2.58 0.00	34.54 2.59 0.00	35.11 2.41 0.00	30.66 1.80 0.00
CANDIGU_WT_PWR 323617	27.81 0.77 0.00	25.72 0.74 0.00	22.76 0.63 0.00	22.41 0.69 0.00	22.73 0.68 0.00	27.60 0.96 0.00	34.60 1.06 0.00	31.29 0.78 0.00	31.36 0.81 0.00	31.67 0.60 0.00	37.34 0.45 0.00	32.55 0.07 0.00	36.90 0.46 0.00	51.41 0.01 0.00	33.32 -0.19 0.00	28.03 -0.35 -1.22	25.23 -0.28 -1.39	25.74 -0.27 0.00	26.81 -0.21 -0.68	27.11 -0.18 0.00	29.41 -0.21 0.00	31.47 -0.48 0.00	32.46 -0.24 0.00	28.89 0.03 0.00



CARR STREET_E_SYR 24060	27.07 0.03 0.00	25.00 0.02 0.00	22.12 -0.01 0.00	21.74 0.01 0.00	22.08 0.03 0.00	26.68 0.04 0.00	33.46 -0.08 0.00	30.34 -0.16 0.00	30.41 -0.14 0.00	30.88 -0.18 0.00	36.63 -0.25 0.00	32.17 -0.31 0.00	36.15 -0.29 0.00	50.80 -0.59 0.00	33.07 -0.44 0.00	27.54 -0.38 -0.77	24.67 -0.32 -0.87	25.67 -0.35 0.00	26.45 -0.32 -0.43	27.00 -0.29 0.00	29.29 -0.33 0.00	31.55 -0.40 0.00	32.48 -0.22 0.00	28.79 -0.07 0.00
CARTHAGE___PAPER 23857	27.39 0.35 0.00	25.38 0.40 0.00	22.62 0.50 0.00	22.21 0.49 0.00	22.55 0.49 0.00	27.28 0.64 0.00	34.63 1.09 0.00	31.53 1.03 0.00	31.61 1.06 0.00	32.09 1.03 0.00	37.96 1.08 0.00	33.35 0.88 0.00	37.03 0.58 0.00	51.80 0.40 0.00	33.28 -0.23 0.00	27.04 -0.49 -0.37	24.20 -0.35 -0.42	26.58 0.57 0.00	27.28 0.73 -0.21	28.00 0.71 0.00	30.24 0.62 0.00	32.74 0.79 0.00	33.44 0.74 0.00	29.53 0.67 0.00
CASSADAGA_WT_PWR 323784	29.05 2.01 0.00	26.77 1.79 0.00	23.46 1.34 0.00	23.05 1.33 0.00	23.30 1.25 0.00	28.56 1.92 0.00	35.76 2.21 0.00	32.28 1.77 0.00	32.37 1.82 0.00	32.57 1.51 0.00	38.32 1.43 0.00	33.32 0.85 0.00	37.77 1.32 0.00	52.57 1.18 0.00	34.21 0.70 0.00	28.47 0.26 -1.05	25.32 0.02 -1.19	25.32 -0.70 0.00	26.37 -0.56 -0.58	27.34 0.06 0.00	30.00 0.38 0.00	32.23 0.28 0.00	33.44 0.74 0.00	29.72 0.86 0.00
CE_DUNWOOD___DRP 24194	28.12 1.08 0.00	25.92 0.94 0.00	22.95 0.82 0.00	22.50 0.78 0.00	22.85 0.80 0.00	27.69 1.05 0.00	35.10 1.56 0.00	32.08 1.58 0.00	32.15 1.60 0.00	32.78 1.71 0.00	39.02 2.14 0.00	34.40 1.93 0.00	38.65 2.21 0.00	54.75 3.36 0.00	35.78 2.27 0.00	32.81 1.92 -3.73	30.02 1.68 -4.22	27.88 1.87 0.00	30.29 1.87 -2.08	29.11 1.82 0.00	31.64 2.02 0.00	34.06 2.12 0.00	34.78 2.08 0.00	30.27 1.41 0.00
CE_MILLWOOD___DRP 24193	28.08 1.04 0.00	25.88 0.90 0.00	22.92 0.79 0.00	22.48 0.76 0.00	22.83 0.78 0.00	27.66 1.02 0.00	35.05 1.50 0.00	32.03 1.52 0.00	32.10 1.54 0.00	32.72 1.65 0.00	38.95 2.07 0.00	34.34 1.86 0.00	38.58 2.14 0.00	54.66 3.26 0.00	35.71 2.20 0.00	32.73 1.87 -3.71	29.95 1.62 -4.20	27.83 1.82 0.00	30.24 1.82 -2.07	29.07 1.78 0.00	31.59 1.96 0.00	34.01 2.06 0.00	34.71 2.01 0.00	30.22 1.36 0.00
CE_NYC2_DRP 24202	28.25 1.22 0.00	26.02 1.04 0.00	22.97 0.84 0.00	22.49 0.77 0.00	22.84 0.78 0.00	27.67 1.03 0.00	35.09 1.55 0.00	32.13 1.62 0.00	32.19 1.64 0.00	32.83 1.77 0.00	39.07 2.19 0.00	34.49 2.01 0.00	38.71 2.27 0.00	54.84 3.45 0.00	35.85 2.34 0.00	32.88 2.00 -3.74	30.07 1.73 -4.23	27.99 1.97 0.00	30.34 1.91 -2.09	29.15 1.86 0.00	31.70 2.08 0.00	34.15 2.21 0.00	34.90 2.20 0.00	30.33 1.47 0.00
CE_NYC_DRP 24195	28.25 1.22 0.00	26.06 1.07 0.00	23.05 0.93 0.00	22.60 0.87 0.00	22.95 0.89 0.00	27.82 1.18 0.00	35.27 1.73 0.00	32.28 1.77 0.00	32.35 1.80 0.00	33.01 1.95 0.00	39.26 2.38 0.00	34.63 2.16 0.00	38.91 2.47 0.00	55.12 3.73 0.00	36.02 2.51 0.00	33.03 2.14 -3.74	30.18 1.83 -4.23	28.09 2.07 0.00	30.47 2.04 -2.09	29.28 1.99 0.00	31.83 2.21 0.00	34.28 2.33 0.00	35.04 2.34 0.00	30.46 1.60 0.00
CHAFFEE___LFGE 323603	28.31 1.28 0.00	26.09 1.11 0.00	22.90 0.77 0.00	22.55 0.83 0.00	22.89 0.84 0.00	27.92 1.28 0.00	34.74 1.19 0.00	31.30 0.79 0.00	31.32 0.76 0.00	31.45 0.39 0.00	37.03 0.15 0.00	32.12 -0.35 0.00	36.40 -0.04 0.00	50.61 -0.78 0.00	33.05 -0.46 0.00	27.57 -0.62 -1.03	24.84 -0.45 -1.17	25.35 -0.66 0.00	26.31 -0.61 -0.58	27.02 -0.27 0.00	29.38 -0.24 0.00	31.48 -0.47 0.00	32.61 -0.09 0.00	29.00 0.14 0.00
CHATEAUG_35_KV_LOAD 355732	27.44 0.40 0.00	25.34 0.36 0.00	22.50 0.38 0.00	22.11 0.39 0.00	22.25 0.20 0.00	26.78 0.14 0.00	34.02 0.48 0.00	31.13 0.62 0.00	31.23 0.67 0.00	31.73 0.66 0.00	37.64 0.76 0.00	33.23 0.76 0.00	37.20 0.75 0.00	52.37 0.98 0.00	34.11 0.60 0.00	27.51 0.35 0.00	24.27 0.15 0.00	25.85 -0.17 0.00	26.06 -0.28 0.00	26.95 -0.34 0.00	28.96 -0.66 0.00	31.52 -0.43 0.00	32.33 -0.37 0.00	28.69 -0.17 0.00
CHATEAUG_WT_PWR 323614	27.42 0.39 0.00	25.32 0.34 0.00	22.49 0.37 0.00	22.09 0.37 0.00	22.24 0.18 0.00	26.84 0.20 0.00	34.10 0.56 0.00	31.20 0.69 0.00	31.30 0.75 0.00	31.81 0.75 0.00	37.74 0.85 0.00	33.29 0.82 0.00	37.26 0.82 0.00	52.41 1.02 0.00	34.06 0.56 0.00	27.47 0.31 0.00	24.22 0.10 0.00	25.75 -0.26 0.00	25.98 -0.36 0.00	26.85 -0.44 0.00	28.83 -0.80 0.00	31.38 -0.56 0.00	32.19 -0.51 0.00	28.59 -0.27 0.00
CHAT_HIGH_FALL_HYD 323578	27.44 0.40 0.00	25.34 0.36 0.00	22.50 0.38 0.00	22.11 0.39 0.00	22.25 0.20 0.00	26.79 0.14 0.00	34.02 0.48 0.00	31.13 0.63 0.00	31.23 0.67 0.00	31.73 0.66 0.00	37.64 0.76 0.00	33.23 0.76 0.00	37.20 0.75 0.00	52.37 0.98 0.00	34.11 0.60 0.00	27.51 0.36 0.00	24.27 0.15 0.00	25.85 -0.17 0.00	26.06 -0.28 0.00	26.95 -0.34 0.00	28.96 -0.66 0.00	31.52 -0.43 0.00	32.33 -0.37 0.00	28.69 -0.17 0.00
CHAUTAUQUA___LFGE 323629	28.64 1.60 0.00	26.39 1.41 0.00	23.13 1.01 0.00	22.76 1.04 0.00	23.06 1.01 0.00	28.18 1.54 0.00	35.18 1.64 0.00	31.70 1.19 0.00	31.78 1.22 0.00	31.96 0.90 0.00	37.59 0.71 0.00	32.66 0.19 0.00	37.05 0.60 0.00	51.55 0.15 0.00	33.58 0.07 0.00	27.97 -0.22 -1.04	25.04 -0.25 -1.17	25.31 -0.70 0.00	26.30 -0.62 -0.58	27.14 -0.15 0.00	29.68 0.05 0.00	31.79 -0.16 0.00	32.97 0.27 0.00	29.30 0.45 0.00
CHERRYST_13_KV_LD 356241	28.32 1.29 0.00	26.13 1.15 0.00	23.12 0.99 0.00	22.66 0.94 0.00	23.02 0.96 0.00	27.91 1.28 0.00	35.39 1.85 0.00	32.39 1.88 0.00	32.49 1.93 0.00	33.14 2.07 0.00	39.41 2.53 0.00	34.76 2.29 0.00	39.06 2.61 0.00	55.33 3.93 0.00	36.15 2.64 0.00	33.14 2.25 -3.74	30.28 1.93 -4.23	28.18 2.16 0.00	30.57 2.14 -2.09	29.37 2.09 0.00	31.93 2.31 0.00	34.38 2.43 0.00	35.14 2.44 0.00	30.54 1.68 0.00
CHESTROR_138KV_BK263 355645	27.89 0.85 0.00	25.72 0.74 0.00	22.77 0.64 0.00	22.34 0.61 0.00	22.68 0.63 0.00	27.47 0.83 0.00	34.78 1.24 0.00	31.76 1.25 0.00	31.83 1.28 0.00	32.41 1.34 0.00	38.55 1.67 0.00	33.96 1.48 0.00	38.20 1.76 0.00	54.07 2.68 0.00	35.30 1.79 0.00	31.97 1.49 -3.32	29.20 1.32 -3.76	27.49 1.48 0.00	29.71 1.51 -1.86	28.77 1.49 0.00	31.28 1.66 0.00	33.63 1.69 0.00	34.33 1.62 0.00	29.92 1.06 0.00
CH_MIDHUDSON___DRP 24192	28.13 1.09 0.00	25.94 0.96 0.00	22.97 0.85 0.00	22.53 0.81 0.00	22.89 0.84 0.00	27.72 1.08 0.00	35.15 1.61 0.00	32.09 1.59 0.00	32.18 1.62 0.00	32.80 1.74 0.00	39.05 2.17 0.00	34.41 1.94 0.00	38.62 2.18 0.00	54.70 3.31 0.00	35.74 2.23 0.00	32.84 1.88 -3.80	30.08 1.65 -4.30	27.85 1.84 0.00	30.31 1.85 -2.12	29.11 1.82 0.00	31.63 2.01 0.00	34.05 2.10 0.00	34.74 2.04 0.00	30.27 1.41 0.00



CH_MISC_IPPS 23765	28.26 1.22 0.00	26.06 1.08 0.00	23.07 0.94 0.00	22.63 0.91 0.00	22.98 0.93 0.00	27.85 1.21 0.00	35.31 1.77 0.00	32.32 1.81 0.00	32.40 1.85 0.00	33.02 1.95 0.00	39.29 2.41 0.00	34.63 2.15 0.00	38.91 2.46 0.00	55.08 3.69 0.00	35.97 2.46 0.00	32.90 2.06 -3.69	30.10 1.80 -4.18	28.02 2.01 0.00	30.46 2.06 -2.06	29.33 2.04 0.00	31.86 2.23 0.00	34.26 2.31 0.00	34.94 2.24 0.00	30.42 1.56 0.00
CH_RES_BVR_FALLS 23983	26.79 -0.25 0.00	24.90 -0.08 0.00	22.06 -0.06 0.00	21.66 -0.07 0.00	21.98 -0.07 0.00	26.54 -0.10 0.00	33.44 -0.10 0.00	30.44 -0.07 0.00	30.48 -0.07 0.00	30.99 -0.08 0.00	36.77 -0.11 0.00	32.41 -0.06 0.00	36.35 -0.09 0.00	51.19 -0.20 0.00	33.35 -0.16 0.00	27.02 -0.14 0.00	23.94 -0.18 0.00	25.86 -0.16 0.00	26.17 -0.18 0.00	27.10 -0.19 0.00	29.34 -0.28 0.00	31.77 -0.17 0.00	32.55 -0.15 0.00	28.75 -0.11 0.00
CH_RES_NIAGARA 23895	27.48 0.44 0.00	25.31 0.33 0.00	22.22 0.09 0.00	21.88 0.16 0.00	22.24 0.18 0.00	27.08 0.44 0.00	33.51 -0.03 0.00	30.04 -0.47 0.00	29.99 -0.56 0.00	29.95 -1.12 0.00	35.11 -1.78 0.00	30.44 -2.03 0.00	34.43 -2.01 0.00	47.81 -3.58 0.00	31.31 -2.20 0.00	26.16 -1.97 -0.97	23.60 -1.62 -1.10	24.04 -1.97 0.00	24.92 -1.96 -0.54	25.62 -1.67 0.00	27.85 -1.77 0.00	29.88 -2.06 0.00	31.07 -1.63 0.00	27.90 -0.96 0.00
CH_RES_SYRACUSE 23985	27.34 0.30 0.00	25.25 0.26 0.00	22.34 0.22 0.00	21.97 0.24 0.00	22.34 0.28 0.00	26.97 0.33 0.00	33.87 0.33 0.00	30.74 0.23 0.00	30.81 0.25 0.00	31.26 0.20 0.00	37.08 0.19 0.00	32.56 0.09 0.00	36.65 0.20 0.00	51.53 0.14 0.00	33.55 0.05 0.00	27.96 -0.02 -0.82	25.08 0.03 -0.93	26.05 0.03 0.00	26.89 0.09 -0.46	27.41 0.12 0.00	29.73 0.10 0.00	31.96 0.01 0.00	32.81 0.11 0.00	29.05 0.19 0.00
CLINTON_WT_PWR 323605	27.42 0.39 0.00	25.32 0.34 0.00	22.49 0.37 0.00	22.09 0.37 0.00	22.24 0.18 0.00	26.84 0.20 0.00	34.10 0.56 0.00	31.20 0.69 0.00	31.30 0.75 0.00	31.81 0.75 0.00	37.74 0.85 0.00	33.29 0.82 0.00	37.26 0.82 0.00	52.41 1.02 0.00	34.06 0.56 0.00	27.47 0.31 0.00	24.22 0.10 0.00	25.75 -0.26 0.00	25.98 -0.36 0.00	26.85 -0.44 0.00	28.83 -0.80 0.00	31.38 -0.56 0.00	32.19 -0.51 0.00	28.59 -0.27 0.00
CLINTON__LFGE 323618	27.77 0.73 0.00	25.62 0.64 0.00	22.73 0.61 0.00	22.31 0.58 0.00	22.46 0.40 0.00	27.22 0.58 0.00	34.65 1.11 0.00	31.80 1.29 0.00	31.92 1.37 0.00	32.43 1.37 0.00	38.47 1.59 0.00	33.93 1.46 0.00	37.94 1.50 0.00	53.15 1.75 0.00	34.50 0.99 0.00	27.81 0.66 0.00	24.55 0.42 0.00	26.07 0.05 0.00	26.33 -0.01 0.00	27.21 -0.08 0.00	29.20 -0.42 0.00	31.75 -0.19 0.00	32.52 -0.18 0.00	28.84 -0.02 0.00
COBBLENY_34_KV_TB1 80064	28.31 1.27 0.00	26.09 1.11 0.00	22.90 0.77 0.00	22.55 0.83 0.00	22.89 0.84 0.00	27.92 1.28 0.00	34.74 1.20 0.00	31.30 0.79 0.00	31.32 0.77 0.00	31.45 0.39 0.00	37.03 0.15 0.00	32.12 -0.35 0.00	36.40 -0.05 0.00	50.61 -0.78 0.00	33.05 -0.46 0.00	27.57 -0.62 -1.03	24.84 -0.45 -1.17	25.35 -0.67 0.00	26.30 -0.62 -0.58	27.02 -0.27 0.00	29.39 -0.24 0.00	31.48 -0.47 0.00	32.63 -0.07 0.00	29.00 0.14 0.00
COFFEEN__115KV_TB3 355620	27.55 0.51 0.00	25.50 0.52 0.00	22.71 0.59 0.00	22.30 0.57 0.00	22.66 0.60 0.00	27.44 0.81 0.00	34.84 1.30 0.00	31.69 1.19 0.00	31.79 1.24 0.00	32.24 1.17 0.00	38.14 1.25 0.00	33.46 0.99 0.00	37.26 0.82 0.00	52.27 0.88 0.00	33.72 0.21 0.00	27.56 -0.03 -0.43	24.66 0.05 -0.49	26.73 0.71 0.00	27.47 0.89 -0.24	28.16 0.87 0.00	30.43 0.80 0.00	32.88 0.94 0.00	33.55 0.85 0.00	29.62 0.77 0.00
COLDSPRG_115KV_BK1 355956	29.34 2.30 0.00	27.06 2.08 0.00	23.76 1.64 0.00	23.37 1.65 0.00	23.65 1.60 0.00	28.89 2.25 0.00	36.20 2.66 0.00	32.81 2.30 0.00	32.85 2.30 0.00	33.07 2.01 0.00	38.99 2.11 0.00	33.96 1.49 0.00	38.56 2.11 0.00	53.75 2.36 0.00	34.93 1.42 0.00	29.04 0.82 -1.06	25.97 0.64 -1.20	26.33 0.31 0.00	27.38 0.44 -0.59	28.25 0.96 0.00	30.84 1.22 0.00	33.04 1.10 0.00	34.24 1.54 0.00	30.26 1.40 0.00
COLONIE_LFGE__ 323577	27.88 0.84 0.00	25.72 0.74 0.00	22.79 0.67 0.00	22.36 0.64 0.00	22.75 0.69 0.00	27.53 0.89 0.00	34.83 1.28 0.00	31.80 1.30 0.00	31.86 1.31 0.00	32.47 1.41 0.00	38.67 1.78 0.00	33.98 1.51 0.00	38.01 1.56 0.00	53.92 2.53 0.00	35.18 1.67 0.00	33.29 1.47 -4.67	30.69 1.28 -5.29	27.35 1.34 0.00	30.32 1.37 -2.61	28.61 1.32 0.00	31.10 1.48 0.00	33.57 1.63 0.00	34.22 1.52 0.00	29.95 1.09 0.00
COOPERNY_115KV_TB1 80082	27.71 0.67 0.00	25.58 0.60 0.00	22.65 0.53 0.00	22.23 0.51 0.00	22.56 0.51 0.00	27.30 0.66 0.00	34.50 0.96 0.00	31.46 0.95 0.00	31.51 0.96 0.00	32.08 1.02 0.00	38.13 1.24 0.00	33.57 1.10 0.00	37.76 1.32 0.00	53.37 1.98 0.00	34.84 1.33 0.00	30.90 1.11 -2.64	28.08 0.98 -2.99	27.11 1.10 0.00	28.94 1.12 -1.47	28.41 1.12 0.00	30.86 1.24 0.00	33.20 1.26 0.00	33.92 1.22 0.00	29.65 0.79 0.00
COPENHAGEN_WT_PWR 323753	27.27 0.24 0.00	25.26 0.28 0.00	22.52 0.40 0.00	22.10 0.38 0.00	22.45 0.40 0.00	27.19 0.55 0.00	34.44 0.89 0.00	31.29 0.78 0.00	31.38 0.83 0.00	31.85 0.79 0.00	37.68 0.80 0.00	33.07 0.60 0.00	36.85 0.40 0.00	51.69 0.29 0.00	33.34 -0.17 0.00	27.25 -0.35 -0.45	24.36 -0.26 -0.51	26.36 0.34 0.00	27.10 0.51 -0.25	27.75 0.46 0.00	29.99 0.37 0.00	32.49 0.54 0.00	33.16 0.46 0.00	29.30 0.44 0.00
CORNELL____ 23752	27.98 0.94 0.00	25.83 0.85 0.00	22.85 0.73 0.00	22.46 0.74 0.00	22.84 0.78 0.00	27.63 0.99 0.00	34.83 1.29 0.00	31.77 1.27 0.00	31.88 1.33 0.00	32.34 1.28 0.00	38.34 1.46 0.00	33.64 1.16 0.00	37.89 1.45 0.00	53.20 1.80 0.00	34.58 1.08 0.00	29.20 0.81 -1.24	26.30 0.77 -1.40	26.89 0.88 0.00	28.00 0.97 -0.69	28.33 1.04 0.00	30.70 1.08 0.00	32.92 0.97 0.00	33.72 1.02 0.00	29.74 0.88 0.00
CORONAAV_69_KV_TB1 355595	28.57 1.53 0.00	26.29 1.31 0.00	23.26 1.14 0.00	22.76 1.03 0.00	23.09 1.04 0.00	28.05 1.41 0.00	35.67 2.13 0.00	32.50 2.00 0.00	32.46 1.90 0.00	32.99 1.93 0.00	39.60 2.72 0.00	34.94 2.47 0.00	39.25 2.81 0.00	55.40 4.01 0.00	36.35 2.84 0.00	33.28 2.38 -3.73	30.45 2.10 -4.23	28.28 2.27 0.00	30.66 2.24 -2.09	29.41 2.12 0.00	31.93 2.31 0.00	34.43 2.49 0.00	35.24 2.54 0.00	30.63 1.77 0.00
CORTLAND_115KV_TB3 80093	27.68 0.64 0.00	25.57 0.59 0.00	22.63 0.51 0.00	22.24 0.52 0.00	22.60 0.54 0.00	27.34 0.70 0.00	34.44 0.89 0.00	31.36 0.86 0.00	31.46 0.91 0.00	31.95 0.89 0.00	37.88 1.00 0.00	33.26 0.79 0.00	37.43 0.98 0.00	52.63 1.24 0.00	34.23 0.71 0.00	28.76 0.54 -1.06	25.82 0.50 -1.20	26.59 0.58 0.00	27.57 0.64 -0.59	28.00 0.71 0.00	30.37 0.74 0.00	32.60 0.66 0.00	33.40 0.70 0.00	29.46 0.60 0.00



COXSACKIE___GT 23611	28.47 1.43 0.00	26.25 1.27 0.00	23.28 1.16 0.00	22.87 1.14 0.00	23.26 1.21 0.00	28.20 1.56 0.00	35.94 2.40 0.00	32.89 2.38 0.00	32.98 2.43 0.00	33.60 2.54 0.00	39.92 3.04 0.00	35.06 2.59 0.00	39.21 2.77 0.00	55.56 4.16 0.00	36.24 2.73 0.00	33.80 2.32 -4.33	31.08 2.06 -4.90	28.32 2.31 0.00	31.16 2.40 -2.42	29.64 2.35 0.00	32.15 2.53 0.00	34.56 2.62 0.00	35.08 2.38 0.00	30.65 1.79 0.00
CPV_VALLEY___CC1 323721	27.75 0.71 0.00	25.59 0.61 0.00	22.66 0.54 0.00	22.24 0.51 0.00	22.57 0.52 0.00	27.33 0.69 0.00	34.58 1.04 0.00	31.56 1.05 0.00	31.62 1.07 0.00	32.20 1.13 0.00	38.29 1.41 0.00	33.73 1.25 0.00	37.94 1.49 0.00	53.68 2.29 0.00	35.05 1.54 0.00	31.53 1.29 -3.09	28.75 1.13 -3.50	27.29 1.28 0.00	29.37 1.30 -1.73	28.57 1.28 0.00	31.04 1.42 0.00	33.38 1.43 0.00	34.08 1.38 0.00	29.72 0.86 0.00
CPV_VALLEY___CC2 323722	27.75 0.71 0.00	25.59 0.61 0.00	22.66 0.54 0.00	22.24 0.51 0.00	22.57 0.52 0.00	27.33 0.69 0.00	34.58 1.04 0.00	31.56 1.05 0.00	31.62 1.07 0.00	32.20 1.13 0.00	38.29 1.41 0.00	33.73 1.25 0.00	37.94 1.49 0.00	53.68 2.29 0.00	35.05 1.54 0.00	31.53 1.29 -3.09	28.75 1.13 -3.50	27.29 1.28 0.00	29.37 1.30 -1.73	28.57 1.28 0.00	31.04 1.42 0.00	33.38 1.43 0.00	34.08 1.38 0.00	29.72 0.86 0.00
CRESCENT___HYD 24018	27.88 0.84 0.00	25.72 0.74 0.00	22.79 0.67 0.00	22.36 0.64 0.00	22.75 0.69 0.00	27.53 0.89 0.00	34.83 1.28 0.00	31.80 1.30 0.00	31.86 1.31 0.00	32.47 1.41 0.00	38.67 1.78 0.00	33.98 1.51 0.00	38.01 1.56 0.00	53.92 2.53 0.00	35.18 1.67 0.00	33.29 1.47 -4.67	30.69 1.28 -5.29	27.35 1.34 0.00	30.32 1.37 -2.61	28.61 1.32 0.00	31.10 1.48 0.00	33.57 1.63 0.00	34.22 1.52 0.00	29.95 1.09 0.00
CRICKET___VALLEY_CC1 323756	27.94 0.91 0.00	25.77 0.79 0.00	22.81 0.69 0.00	22.38 0.66 0.00	22.74 0.69 0.00	27.55 0.91 0.00	34.91 1.37 0.00	31.91 1.40 0.00	31.99 1.43 0.00	32.59 1.53 0.00	38.82 1.94 0.00	34.21 1.73 0.00	38.36 1.91 0.00	54.37 2.98 0.00	35.51 2.00 0.00	32.80 1.72 -3.92	30.08 1.52 -4.43	27.70 1.68 0.00	30.20 1.68 -2.19	28.92 1.64 0.00	31.44 1.82 0.00	33.86 1.92 0.00	34.55 1.85 0.00	30.12 1.27 0.00
CRICKET___VALLEY_CC2 323757	27.94 0.91 0.00	25.77 0.79 0.00	22.81 0.69 0.00	22.38 0.66 0.00	22.74 0.69 0.00	27.55 0.91 0.00	34.91 1.37 0.00	31.91 1.40 0.00	31.99 1.43 0.00	32.59 1.53 0.00	38.82 1.94 0.00	34.21 1.73 0.00	38.36 1.91 0.00	54.37 2.98 0.00	35.51 2.00 0.00	32.80 1.72 -3.92	30.08 1.52 -4.43	27.70 1.68 0.00	30.20 1.68 -2.19	28.92 1.64 0.00	31.44 1.82 0.00	33.86 1.92 0.00	34.55 1.85 0.00	30.12 1.27 0.00
CRICKET___VALLEY_CC3 323758	27.94 0.91 0.00	25.77 0.79 0.00	22.81 0.69 0.00	22.38 0.66 0.00	22.74 0.69 0.00	27.55 0.91 0.00	34.91 1.37 0.00	31.91 1.40 0.00	31.99 1.43 0.00	32.59 1.53 0.00	38.82 1.94 0.00	34.21 1.73 0.00	38.36 1.91 0.00	54.37 2.98 0.00	35.51 2.00 0.00	32.80 1.72 -3.92	30.08 1.52 -4.43	27.70 1.68 0.00	30.20 1.68 -2.19	28.92 1.64 0.00	31.44 1.82 0.00	33.86 1.92 0.00	34.55 1.85 0.00	30.12 1.27 0.00
CRUCIBLE_METL_DRP 24180	27.34 0.30 0.00	25.25 0.26 0.00	22.34 0.21 0.00	21.97 0.24 0.00	22.33 0.28 0.00	26.97 0.33 0.00	33.87 0.33 0.00	30.74 0.23 0.00	30.81 0.25 0.00	31.26 0.19 0.00	37.07 0.19 0.00	32.56 0.09 0.00	36.64 0.20 0.00	51.53 0.14 0.00	33.55 0.05 0.00	27.96 -0.02 -0.82	25.08 0.03 -0.93	26.05 0.03 0.00	26.88 0.09 -0.46	27.41 0.12 0.00	29.73 0.10 0.00	31.96 0.01 0.00	32.81 0.11 0.00	29.05 0.19 0.00
DAHOWA___HYDRO 323763	28.30 1.26 0.00	26.07 1.09 0.00	23.09 0.96 0.00	22.64 0.92 0.00	23.05 1.00 0.00	27.97 1.33 0.00	35.48 1.94 0.00	32.44 1.93 0.00	32.52 1.97 0.00	33.13 2.07 0.00	39.48 2.60 0.00	34.69 2.21 0.00	38.77 2.32 0.00	54.93 3.54 0.00	35.80 2.30 0.00	33.85 1.96 -4.74	31.26 1.77 -5.37	27.84 1.82 0.00	30.84 1.85 -2.65	29.10 1.81 0.00	31.60 1.98 0.00	34.15 2.21 0.00	34.76 2.06 0.00	30.35 1.49 0.00
DANC___LFGE 323619	27.10 0.06 0.00	25.07 0.09 0.00	22.29 0.16 0.00	21.88 0.16 0.00	22.23 0.18 0.00	26.90 0.26 0.00	33.91 0.37 0.00	30.75 0.24 0.00	30.82 0.27 0.00	31.28 0.22 0.00	37.05 0.16 0.00	32.52 0.04 0.00	36.35 -0.09 0.00	51.07 -0.32 0.00	33.04 -0.47 0.00	27.17 -0.52 -0.53	24.31 -0.42 -0.60	25.96 -0.06 0.00	26.70 0.06 -0.30	27.34 0.06 0.00	29.60 -0.02 0.00	32.00 0.05 0.00	32.74 0.04 0.00	28.99 0.13 0.00
DANSKAMMER___1 23586	28.26 1.22 0.00	26.06 1.08 0.00	23.07 0.94 0.00	22.63 0.91 0.00	22.98 0.93 0.00	27.85 1.21 0.00	35.31 1.77 0.00	32.32 1.81 0.00	32.40 1.85 0.00	33.02 1.95 0.00	39.29 2.41 0.00	34.63 2.15 0.00	38.91 2.46 0.00	55.08 3.69 0.00	35.97 2.46 0.00	32.90 2.06 -3.69	30.10 1.80 -4.18	28.02 2.01 0.00	30.46 2.06 -2.06	29.33 2.04 0.00	31.86 2.23 0.00	34.26 2.31 0.00	34.94 2.24 0.00	30.42 1.56 0.00
DANSKAMMER___2 23589	28.26 1.22 0.00	26.06 1.08 0.00	23.07 0.94 0.00	22.63 0.91 0.00	22.98 0.93 0.00	27.85 1.21 0.00	35.31 1.77 0.00	32.32 1.81 0.00	32.40 1.85 0.00	33.02 1.95 0.00	39.29 2.41 0.00	34.63 2.15 0.00	38.91 2.46 0.00	55.08 3.69 0.00	35.97 2.46 0.00	32.90 2.06 -3.69	30.10 1.80 -4.18	28.02 2.01 0.00	30.46 2.06 -2.06	29.33 2.04 0.00	31.86 2.23 0.00	34.26 2.31 0.00	34.94 2.24 0.00	30.42 1.56 0.00
DANSKAMMER___3 23590	28.26 1.22 0.00	26.06 1.08 0.00	23.07 0.94 0.00	22.63 0.91 0.00	22.98 0.93 0.00	27.85 1.21 0.00	35.31 1.77 0.00	32.32 1.81 0.00	32.40 1.85 0.00	33.02 1.95 0.00	39.29 2.41 0.00	34.63 2.15 0.00	38.91 2.46 0.00	55.08 3.69 0.00	35.97 2.46 0.00	32.90 2.06 -3.69	30.10 1.80 -4.18	28.02 2.01 0.00	30.46 2.06 -2.06	29.33 2.04 0.00	31.86 2.23 0.00	34.26 2.31 0.00	34.94 2.24 0.00	30.42 1.56 0.00
DANSKAMMER___4 23591	28.26 1.22 0.00	26.06 1.08 0.00	23.07 0.94 0.00	22.63 0.91 0.00	22.98 0.93 0.00	27.85 1.21 0.00	35.31 1.77 0.00	32.32 1.81 0.00	32.40 1.85 0.00	33.02 1.95 0.00	39.29 2.41 0.00	34.63 2.15 0.00	38.91 2.46 0.00	55.08 3.69 0.00	35.97 2.46 0.00	32.90 2.06 -3.69	30.10 1.80 -4.18	28.02 2.01 0.00	30.46 2.06 -2.06	29.33 2.04 0.00	31.86 2.23 0.00	34.26 2.31 0.00	34.94 2.24 0.00	30.42 1.56 0.00
DANSKAMMER___DIESEL 23592	28.26 1.22 0.00	26.06 1.08 0.00	23.07 0.94 0.00	22.63 0.91 0.00	22.98 0.93 0.00	27.84 1.21 0.00	35.31 1.77 0.00	32.32 1.82 0.00	32.40 1.84 0.00	33.01 1.95 0.00	39.30 2.41 0.00	34.63 2.15 0.00	38.91 2.46 0.00	55.08 3.69 0.00	35.97 2.46 0.00	32.90 2.06 -3.69	30.10 1.80 -4.18	28.02 2.01 0.00	30.46 2.06 -2.06	29.33 2.04 0.00	31.86 2.23 0.00	34.26 2.31 0.00	34.93 2.23 0.00	30.42 1.56 0.00



DARBY___SOLAR 323810	28.22 1.18 0.00	26.01 1.03 0.00	23.03 0.90 0.00	22.58 0.86 0.00	22.99 0.94 0.00	27.88 1.24 0.00	35.34 1.80 0.00	32.31 1.80 0.00	32.39 1.84 0.00	32.99 1.93 0.00	39.30 2.41 0.00	34.53 2.06 0.00	38.60 2.15 0.00	54.72 3.32 0.00	35.65 2.15 0.00	33.73 1.85 -4.73	31.14 1.66 -5.36	27.74 1.73 0.00	30.73 1.75 -2.64	29.00 1.71 0.00	31.50 1.87 0.00	34.02 2.08 0.00	34.63 1.93 0.00	30.26 1.40 0.00
DASHVILLE___HYD 23610	27.97 0.93 0.00	25.80 0.81 0.00	22.85 0.72 0.00	22.41 0.69 0.00	22.75 0.70 0.00	27.53 0.89 0.00	34.96 1.41 0.00	32.06 1.55 0.00	32.15 1.60 0.00	32.77 1.70 0.00	38.98 2.10 0.00	34.37 1.89 0.00	38.62 2.17 0.00	54.68 3.28 0.00	35.73 2.22 0.00	32.78 1.84 -3.79	29.99 1.58 -4.29	27.83 1.82 0.00	30.29 1.84 -2.12	29.12 1.83 0.00	31.64 2.02 0.00	34.04 2.09 0.00	34.72 2.02 0.00	30.23 1.37 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	29.04 2.00 0.00	26.33 1.35 0.00	23.27 1.15 0.00	21.36 1.13 1.49	23.24 1.20 0.01	28.32 1.68 0.00	36.31 2.77 0.00	33.02 2.52 0.00	33.30 2.75 0.00	33.88 2.82 0.00	40.85 3.97 0.00	36.39 3.92 0.00	40.61 4.17 0.00	56.91 5.51 0.00	37.71 4.21 0.00	34.29 3.40 -3.73	31.38 3.03 -4.23	29.42 3.40 0.00	31.76 3.34 -2.09	30.22 2.93 0.00	32.85 3.23 0.00	35.19 3.24 0.00	35.72 3.02 0.00	31.16 2.30 0.00
DELAWARE___LFGE 323621	27.84 0.80 0.00	25.73 0.75 0.00	22.82 0.70 0.00	22.41 0.69 0.00	22.75 0.70 0.00	27.47 0.83 0.00	34.68 1.13 0.00	31.70 1.19 0.00	33.10 2.54 0.00	33.64 2.58 0.00	39.87 2.98 0.00	34.93 2.46 0.00	39.38 2.94 0.00	55.21 3.81 0.00	34.71 1.20 0.00	29.97 0.96 -1.85	27.08 0.87 -2.09	26.98 0.96 0.00	28.39 1.02 -1.03	28.35 1.06 0.00	30.76 1.14 0.00	33.08 1.14 0.00	33.82 1.12 0.00	29.70 0.84 0.00
DERFIELD_115KV_TB7 355931	27.09 0.05 0.00	25.03 0.05 0.00	22.17 0.05 0.00	21.78 0.05 0.00	22.12 0.07 0.00	26.74 0.10 0.00	33.70 0.16 0.00	30.66 0.15 0.00	30.72 0.16 0.00	31.25 0.18 0.00	37.10 0.22 0.00	32.65 0.17 0.00	36.63 0.18 0.00	51.66 0.26 0.00	33.67 0.17 0.00	27.40 0.15 -0.09	24.36 0.14 -0.10	26.18 0.17 0.00	26.57 0.18 -0.05	27.48 0.19 0.00	29.81 0.19 0.00	32.13 0.18 0.00	32.85 0.15 0.00	28.96 0.10 0.00
DOGLEVILLE___HYD 23807	27.22 0.18 0.00	25.10 0.12 0.00	22.28 0.15 0.00	21.91 0.18 0.00	22.31 0.25 0.00	27.19 0.55 0.00	34.62 1.08 0.00	31.74 1.23 0.00	31.84 1.29 0.00	32.45 1.39 0.00	38.58 1.69 0.00	33.82 1.34 0.00	37.74 1.30 0.00	53.38 1.99 0.00	34.69 1.18 0.00	28.28 1.04 -0.09	25.23 1.01 -0.10	27.13 1.12 0.00	27.60 1.21 -0.05	28.58 1.29 0.00	30.98 1.36 0.00	33.21 1.26 0.00	33.71 1.01 0.00	29.33 0.47 0.00
DUNKIRK___115KV_TB_200 55889	28.58 1.54 0.00	26.34 1.35 0.00	23.09 0.96 0.00	22.72 1.00 0.00	23.02 0.97 0.00	28.12 1.48 0.00	35.09 1.55 0.00	31.63 1.12 0.00	31.70 1.15 0.00	31.88 0.82 0.00	37.49 0.61 0.00	32.57 0.10 0.00	36.94 0.50 0.00	51.40 0.01 0.00	33.49 -0.02 0.00	27.90 -0.29 -1.04	25.01 -0.28 -1.17	25.31 -0.70 0.00	26.30 -0.62 -0.58	27.11 -0.18 0.00	29.63 0.01 0.00	31.73 -0.21 0.00	32.92 0.22 0.00	29.24 0.38 0.00
DUNKIRK___1 23563	28.58 1.54 0.00	26.34 1.35 0.00	23.09 0.96 0.00	22.72 1.00 0.00	23.02 0.97 0.00	28.12 1.48 0.00	35.09 1.55 0.00	31.63 1.12 0.00	31.70 1.15 0.00	31.88 0.82 0.00	37.49 0.61 0.00	32.57 0.10 0.00	36.94 0.50 0.00	51.40 0.01 0.00	33.49 -0.02 0.00	27.90 -0.29 -1.04	25.01 -0.28 -1.17	25.31 -0.70 0.00	26.30 -0.62 -0.58	27.11 -0.18 0.00	29.63 0.01 0.00	31.73 -0.21 0.00	32.92 0.22 0.00	29.24 0.38 0.00
DUNKIRK___2 23564	28.58 1.54 0.00	26.34 1.35 0.00	23.09 0.96 0.00	22.72 1.00 0.00	23.02 0.97 0.00	28.12 1.48 0.00	35.09 1.55 0.00	31.63 1.12 0.00	31.70 1.15 0.00	31.88 0.82 0.00	37.49 0.61 0.00	32.57 0.10 0.00	36.94 0.50 0.00	51.40 0.01 0.00	33.49 -0.02 0.00	27.90 -0.29 -1.04	25.01 -0.28 -1.17	25.31 -0.70 0.00	26.30 -0.62 -0.58	27.11 -0.18 0.00	29.63 0.01 0.00	31.73 -0.21 0.00	32.92 0.22 0.00	29.24 0.38 0.00
DUNKIRK___3 23565	28.46 1.42 0.00	26.23 1.24 0.00	23.01 0.89 0.00	22.65 0.93 0.00	22.95 0.90 0.00	28.00 1.36 0.00	34.93 1.39 0.00	31.51 1.00 0.00	31.57 1.01 0.00	31.76 0.70 0.00	37.37 0.48 0.00	32.48 0.00 0.00	36.87 0.43 0.00	51.31 -0.08 0.00	33.41 -0.10 0.00	27.83 -0.35 -1.04	24.98 -0.31 -1.17	25.33 -0.69 0.00	26.31 -0.61 -0.58	27.10 -0.19 0.00	29.61 -0.01 0.00	31.69 -0.25 0.00	32.87 0.17 0.00	29.17 0.31 0.00
DUNKIRK___4 23566	28.50 1.46 0.00	26.26 1.28 0.00	23.04 0.91 0.00	22.67 0.95 0.00	22.99 0.93 0.00	28.06 1.42 0.00	34.97 1.43 0.00	31.52 1.01 0.00	31.57 1.02 0.00	31.73 0.67 0.00	37.32 0.44 0.00	32.43 -0.04 0.00	36.76 0.32 0.00	51.16 -0.24 0.00	33.34 -0.16 0.00	27.78 -0.40 -1.03	24.93 -0.35 -1.16	25.30 -0.72 0.00	26.26 -0.65 -0.57	27.06 -0.23 0.00	29.52 -0.10 0.00	31.63 -0.32 0.00	32.81 0.11 0.00	29.16 0.30 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.16 1.12 0.00	25.96 0.98 0.00	22.97 0.85 0.00	22.52 0.80 0.00	22.87 0.82 0.00	27.73 1.09 0.00	35.14 1.60 0.00	32.12 1.61 0.00	32.19 1.64 0.00	32.82 1.76 0.00	39.08 2.20 0.00	34.46 1.99 0.00	38.72 2.27 0.00	54.83 3.43 0.00	35.84 2.34 0.00	32.87 1.98 -3.74	30.07 1.72 -4.23	27.94 1.92 0.00	30.35 1.92 -2.09	29.16 1.87 0.00	31.69 2.07 0.00	34.12 2.18 0.00	34.85 2.15 0.00	30.30 1.45 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.04 1.00 0.00	25.85 0.87 0.00	22.89 0.76 0.00	22.46 0.73 0.00	22.80 0.74 0.00	27.61 0.97 0.00	34.99 1.45 0.00	32.04 1.53 0.00	32.12 1.57 0.00	32.71 1.64 0.00	38.92 2.04 0.00	34.30 1.82 0.00	38.56 2.12 0.00	54.58 3.19 0.00	35.64 2.14 0.00	32.49 1.78 -3.56	29.71 1.56 -4.03	27.76 1.75 0.00	30.12 1.80 -1.99	29.07 1.79 0.00	31.58 1.96 0.00	33.96 2.01 0.00	34.64 1.94 0.00	30.18 1.32 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.36 1.32 0.00	1000.56 1.15 -974.43	603.42 0.91 -580.39	22.51 0.79 0.00	22.85 0.80 0.00	27.70 1.06 0.00	133.06 1.60 -97.92	371.65 1.69 -339.45	32.23 1.67 0.00	32.84 1.78 0.00	39.03 2.14 0.00	34.44 1.97 0.00	38.67 2.23 0.00	54.79 3.39 0.00	35.80 2.29 0.00	32.83 1.95 -3.74	30.05 1.69 -4.23	27.93 1.91 0.00	30.28 1.85 -2.09	29.10 1.81 0.00	31.66 2.04 0.00	34.13 2.19 0.00	34.88 2.18 0.00	30.34 1.48 0.00
E179THST_13_KV_LOAD 356214	28.46 1.42 0.00	1000.66 1.25 -974.43	603.51 0.99 -580.39	22.60 0.87 0.00	22.94 0.88 0.00	27.80 1.16 0.00	133.20 1.74 -97.92	371.79 1.84 -339.45	32.36 1.81 0.00	32.99 1.93 0.00	39.21 2.33 0.00	34.60 2.12 0.00	38.84 2.40 0.00	55.04 3.64 0.00	35.96 2.45 0.00	32.96 2.07 -3.74	30.15 1.80 -4.23	28.05 2.04 0.00	30.41 1.99 -2.09	29.24 1.95 0.00	31.81 2.18 0.00	34.28 2.33 0.00	35.03 2.33 0.00	30.47 1.61 0.00



EAST HAMPTON___GT 23717	29.27 2.23 0.00	26.55 1.57 0.00	23.47 1.34 0.00	21.54 1.31 1.49	23.43 1.39 0.01	28.56 1.92 0.00	36.63 3.09 0.00	33.33 2.82 0.00	33.63 3.07 0.00	34.22 3.16 0.00	41.25 4.37 0.00	36.74 4.26 0.00	41.00 4.55 0.00	57.40 6.00 0.00	38.04 4.53 0.00	34.55 3.66 -3.73	31.62 3.27 -4.23	29.69 3.68 0.00	32.06 3.63 -2.09	30.52 3.23 0.00	33.16 3.54 0.00	35.49 3.54 0.00	36.01 3.32 0.00	31.41 2.55 0.00
EAST RIVER___6 23660	28.31 1.27 0.00	26.11 1.13 0.00	23.11 0.99 0.00	22.66 0.94 0.00	23.02 0.97 0.00	27.89 1.25 0.00	35.38 1.84 0.00	32.39 1.88 0.00	32.47 1.91 0.00	33.14 2.08 0.00	39.41 2.52 0.00	34.76 2.29 0.00	39.06 2.61 0.00	55.33 3.94 0.00	36.16 2.65 0.00	33.13 2.25 -3.74	30.28 1.93 -4.23	28.19 2.17 0.00	30.57 2.15 -2.09	29.38 2.10 0.00	31.93 2.31 0.00	34.38 2.43 0.00	35.15 2.45 0.00	30.54 1.68 0.00
EAST RIVER___7 23524	28.31 1.27 0.00	26.11 1.13 0.00	23.11 0.99 0.00	22.66 0.94 0.00	23.02 0.97 0.00	27.89 1.25 0.00	35.38 1.84 0.00	32.39 1.88 0.00	32.47 1.91 0.00	33.14 2.08 0.00	39.41 2.52 0.00	34.76 2.29 0.00	39.06 2.61 0.00	55.33 3.94 0.00	36.16 2.65 0.00	33.13 2.25 -3.74	30.28 1.93 -4.23	28.19 2.17 0.00	30.57 2.15 -2.09	29.38 2.10 0.00	31.93 2.31 0.00	34.38 2.43 0.00	35.15 2.45 0.00	30.54 1.68 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.12 1.08 0.00	25.92 0.94 0.00	22.95 0.82 0.00	22.50 0.78 0.00	22.85 0.80 0.00	27.69 1.05 0.00	35.10 1.56 0.00	32.08 1.58 0.00	32.15 1.60 0.00	32.78 1.71 0.00	39.02 2.14 0.00	34.40 1.93 0.00	38.65 2.21 0.00	54.75 3.36 0.00	35.78 2.27 0.00	32.81 1.92 -3.73	30.02 1.68 -4.22	27.88 1.87 0.00	30.29 1.87 -2.08	29.11 1.82 0.00	31.64 2.02 0.00	34.06 2.12 0.00	34.78 2.08 0.00	30.27 1.41 0.00
EAST_HAMPTON___DIESEL 23722	29.27 2.23 0.00	26.55 1.57 0.00	23.47 1.34 0.00	21.54 1.31 1.49	23.44 1.39 0.01	28.56 1.93 0.00	36.64 3.10 0.00	33.33 2.82 0.00	33.63 3.07 0.00	34.22 3.16 0.00	41.25 4.37 0.00	36.74 4.26 0.00	41.00 4.56 0.00	57.40 6.00 0.00	38.04 4.53 0.00	34.56 3.67 -3.73	31.62 3.27 -4.23	29.70 3.68 0.00	32.06 3.63 -2.09	30.52 3.23 0.00	33.17 3.54 0.00	35.49 3.55 0.00	36.02 3.32 0.00	31.41 2.55 0.00
EAST_PULASKI___ESR 323781	26.94 -0.09 0.00	24.90 -0.09 0.00	22.08 -0.05 0.00	21.68 -0.05 0.00	22.03 -0.02 0.00	26.62 -0.02 0.00	33.39 -0.15 0.00	30.20 -0.31 0.00	30.24 -0.31 0.00	30.70 -0.36 0.00	36.40 -0.48 0.00	31.98 -0.50 0.00	35.84 -0.60 0.00	50.41 -0.98 0.00	32.73 -0.78 0.00	27.08 -0.68 -0.61	24.25 -0.56 -0.69	25.56 -0.45 0.00	26.31 -0.37 -0.34	26.97 -0.32 0.00	29.26 -0.36 0.00	31.56 -0.38 0.00	32.36 -0.34 0.00	28.70 -0.16 0.00
EAST_RIVER___1 323558	28.25 1.22 0.00	26.05 1.07 0.00	23.06 0.93 0.00	22.59 0.87 0.00	22.95 0.90 0.00	27.82 1.18 0.00	35.27 1.73 0.00	32.28 1.77 0.00	32.36 1.80 0.00	33.01 1.95 0.00	39.26 2.38 0.00	34.63 2.16 0.00	38.91 2.46 0.00	55.12 3.73 0.00	36.02 2.51 0.00	33.03 2.14 -3.74	30.18 1.83 -4.23	28.08 2.07 0.00	30.47 2.04 -2.09	29.28 1.99 0.00	31.83 2.21 0.00	34.28 2.33 0.00	35.04 2.34 0.00	30.45 1.59 0.00
EAST_RIVER___2 323559	28.31 1.27 0.00	26.11 1.13 0.00	23.11 0.99 0.00	22.66 0.94 0.00	23.02 0.97 0.00	27.89 1.25 0.00	35.38 1.84 0.00	32.39 1.88 0.00	32.47 1.91 0.00	33.14 2.08 0.00	39.41 2.52 0.00	34.76 2.29 0.00	39.06 2.61 0.00	55.33 3.94 0.00	36.16 2.65 0.00	33.13 2.25 -3.74	30.28 1.93 -4.23	28.19 2.17 0.00	30.57 2.15 -2.09	29.38 2.10 0.00	31.93 2.31 0.00	34.38 2.43 0.00	35.15 2.45 0.00	30.54 1.68 0.00
EAST___DELAWARE_HYD 23607	27.71 0.68 0.00	25.55 0.57 0.00	22.62 0.49 0.00	22.19 0.46 0.00	22.52 0.47 0.00	27.29 0.65 0.00	34.66 1.12 0.00	31.74 1.24 0.00	31.82 1.26 0.00	32.42 1.36 0.00	38.55 1.66 0.00	33.97 1.50 0.00	38.22 1.77 0.00	54.72 3.32 0.00	35.72 2.21 0.00	32.21 1.81 -3.25	29.40 1.60 -3.68	27.84 1.83 0.00	30.06 1.90 -1.82	29.19 1.90 0.00	31.70 2.08 0.00	34.04 2.10 0.00	34.70 2.00 0.00	30.22 1.36 0.00
EIGHT_POINT___WT_PWR 323820	28.06 1.02 0.00	25.70 0.72 0.00	22.89 0.76 0.00	22.66 0.94 0.00	23.04 0.98 0.00	28.01 1.37 0.00	35.13 1.59 0.00	31.81 1.30 0.00	31.84 1.29 0.00	32.03 0.96 0.00	37.72 0.84 0.00	32.81 0.34 0.00	37.17 0.73 0.00	51.57 0.18 0.00	33.39 -0.12 0.00	28.01 -0.30 -1.17	25.16 -0.28 -1.32	25.80 -0.22 0.00	26.89 -0.10 -0.65	27.15 -0.13 0.00	29.24 -0.38 0.00	31.22 -0.72 0.00	32.25 -0.45 0.00	28.97 0.11 0.00
ELBRIDGE_115KV_TB2 80188	27.33 0.30 0.00	25.25 0.26 0.00	22.34 0.21 0.00	21.97 0.25 0.00	22.34 0.28 0.00	26.98 0.34 0.00	33.86 0.32 0.00	30.78 0.27 0.00	30.84 0.28 0.00	31.29 0.23 0.00	37.06 0.18 0.00	32.56 0.09 0.00	36.66 0.22 0.00	51.51 0.12 0.00	33.56 0.05 0.00	27.98 -0.03 -0.86	25.12 0.03 -0.97	26.04 0.03 0.00	26.90 0.08 -0.48	27.38 0.09 0.00	29.70 0.08 0.00	31.93 -0.01 0.00	32.78 0.08 0.00	28.99 0.13 0.00
ELEC_TRO_TEK 24086	28.41 1.37 0.00	26.14 1.16 0.00	23.13 1.01 0.00	22.63 0.91 0.00	22.98 0.93 0.00	27.89 1.26 0.00	35.46 1.91 0.00	32.31 1.80 0.00	32.30 1.75 0.00	32.88 1.81 0.00	39.42 2.54 0.00	34.81 2.33 0.00	39.09 2.65 0.00	55.21 3.81 0.00	36.21 2.70 0.00	33.16 2.27 -3.73	30.32 1.97 -4.23	28.14 2.12 0.00	30.52 2.10 -2.09	29.25 1.96 0.00	31.77 2.15 0.00	34.23 2.28 0.00	35.01 2.31 0.00	30.46 1.60 0.00
ELLENBURG_WT_PWR 323604	27.42 0.39 0.00	25.32 0.34 0.00	22.49 0.37 0.00	22.09 0.37 0.00	22.24 0.18 0.00	26.84 0.20 0.00	34.10 0.56 0.00	31.20 0.69 0.00	31.30 0.75 0.00	31.81 0.75 0.00	37.74 0.85 0.00	33.29 0.82 0.00	37.26 0.82 0.00	52.41 1.02 0.00	34.06 0.56 0.00	27.47 0.31 0.00	24.22 0.10 0.00	25.75 -0.26 0.00	25.98 -0.36 0.00	26.85 -0.44 0.00	28.83 -0.80 0.00	31.38 -0.56 0.00	32.19 -0.51 0.00	28.59 -0.27 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.11 1.08 0.00	25.91 0.93 0.00	22.75 0.62 0.00	22.40 0.68 0.00	22.74 0.69 0.00	27.72 1.09 0.00	34.44 0.90 0.00	30.97 0.46 0.00	30.96 0.40 0.00	31.06 0.00 0.00	36.55 -0.34 0.00	31.71 -0.76 0.00	35.91 -0.54 0.00	49.93 -1.46 0.00	32.61 -0.89 0.00	27.20 -0.95 -1.00	24.50 -0.76 -1.14	24.97 -1.04 0.00	25.89 -1.02 -0.56	26.62 -0.67 0.00	28.94 -0.68 0.00	31.04 -0.90 0.00	32.22 -0.48 0.00	28.71 -0.15 0.00
EMPIRE_CC_1 323656	27.71 0.68 0.00	25.57 0.59 0.00	22.67 0.55 0.00	22.24 0.51 0.00	22.61 0.56 0.00	27.37 0.73 0.00	34.62 1.08 0.00	31.61 1.11 0.00	31.65 1.10 0.00	32.26 1.20 0.00	38.42 1.53 0.00	33.75 1.28 0.00	37.64 1.20 0.00	53.62 2.23 0.00	34.98 1.48 0.00	32.90 1.34 -4.40	30.29 1.18 -4.99	27.26 1.24 0.00	30.09 1.28 -2.46	28.51 1.22 0.00	30.97 1.35 0.00	33.43 1.48 0.00	34.06 1.36 0.00	29.81 0.96 0.00



EMPIRE_CC_2 323658	27.71 0.68 0.00	25.57 0.59 0.00	22.67 0.55 0.00	22.24 0.51 0.00	22.61 0.56 0.00	27.37 0.73 0.00	34.62 1.08 0.00	31.61 1.11 0.00	31.65 1.10 0.00	32.26 1.20 0.00	38.42 1.53 0.00	33.75 1.28 0.00	37.64 1.20 0.00	53.62 2.23 0.00	34.98 1.48 0.00	32.90 1.34 -4.40	30.29 1.18 -4.99	27.26 1.24 0.00	30.09 1.28 -2.46	28.51 1.22 0.00	30.97 1.35 0.00	33.43 1.48 0.00	34.06 1.36 0.00	29.81 0.96 0.00
ENORWICH_115KV_TB1 80156	29.12 2.08 0.00	26.90 1.91 0.00	23.71 1.58 0.00	23.37 1.65 0.00	23.82 1.76 0.00	28.99 2.35 0.00	36.78 3.24 0.00	33.74 3.24 0.00	34.13 3.58 0.00	34.56 3.50 0.00	40.90 4.01 0.00	35.78 3.30 0.00	40.21 3.77 0.00	56.28 4.89 0.00	36.12 2.61 0.00	30.74 2.08 -1.51	27.73 1.90 -1.71	28.35 2.33 0.00	29.71 2.53 -0.84	29.98 2.69 0.00	32.41 2.78 0.00	34.62 2.67 0.00	35.29 2.59 0.00	31.08 2.22 0.00
ERIE_ST__34_KV_TB1-2 80199	28.57 1.54 0.00	26.34 1.36 0.00	23.12 1.00 0.00	22.77 1.05 0.00	23.11 1.06 0.00	28.17 1.53 0.00	35.07 1.53 0.00	31.62 1.12 0.00	31.66 1.10 0.00	31.79 0.73 0.00	37.45 0.57 0.00	32.54 0.06 0.00	36.87 0.42 0.00	51.30 -0.09 0.00	33.48 -0.03 0.00	27.88 -0.29 -1.02	25.09 -0.18 -1.15	25.65 -0.37 0.00	26.59 -0.32 -0.57	27.33 0.04 0.00	29.72 0.10 0.00	31.86 -0.09 0.00	33.02 0.32 0.00	29.31 0.46 0.00
ERIE_WT_PWR 323693	28.31 1.27 0.00	26.09 1.11 0.00	22.90 0.77 0.00	22.55 0.83 0.00	22.89 0.84 0.00	27.93 1.29 0.00	34.73 1.19 0.00	31.26 0.75 0.00	31.26 0.70 0.00	31.38 0.32 0.00	36.93 0.05 0.00	32.06 -0.42 0.00	36.32 -0.12 0.00	50.47 -0.92 0.00	32.95 -0.55 0.00	27.47 -0.70 -1.01	24.73 -0.54 -1.15	25.21 -0.80 0.00	26.15 -0.76 -0.57	26.87 -0.42 0.00	29.22 -0.40 0.00	31.34 -0.60 0.00	32.51 -0.19 0.00	28.94 0.08 0.00
ESPRGFLD_115KV_TB1 80157	28.25 1.21 0.00	26.13 1.15 0.00	23.17 1.04 0.00	22.77 1.05 0.00	23.11 1.06 0.00	27.97 1.33 0.00	35.29 1.75 0.00	32.08 1.57 0.00	31.94 1.39 0.00	32.37 1.30 0.00	38.33 1.45 0.00	33.67 1.19 0.00	37.79 1.35 0.00	53.17 1.77 0.00	34.79 1.28 0.00	27.72 0.94 0.37	24.60 0.90 0.42	27.02 1.01 0.00	27.24 1.11 0.21	28.53 1.24 0.00	30.89 1.27 0.00	33.20 1.25 0.00	33.97 1.27 0.00	30.05 1.19 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.93 0.89 0.00	25.79 0.81 0.00	22.81 0.69 0.00	22.43 0.70 0.00	22.80 0.74 0.00	27.58 0.94 0.00	34.76 1.22 0.00	31.69 1.18 0.00	31.80 1.25 0.00	32.27 1.21 0.00	38.25 1.36 0.00	33.56 1.09 0.00	37.80 1.36 0.00	53.08 1.69 0.00	34.51 1.00 0.00	29.14 0.75 -1.23	26.23 0.71 -1.40	26.83 0.82 0.00	27.93 0.90 -0.69	28.26 0.97 0.00	30.63 1.01 0.00	32.85 0.91 0.00	33.65 0.95 0.00	29.68 0.82 0.00
ETNA_____115KV_TB2 80207	27.93 0.89 0.00	25.79 0.81 0.00	22.81 0.69 0.00	22.43 0.70 0.00	22.80 0.74 0.00	27.58 0.94 0.00	34.76 1.22 0.00	31.69 1.18 0.00	31.80 1.25 0.00	32.27 1.21 0.00	38.25 1.36 0.00	33.56 1.09 0.00	37.80 1.36 0.00	53.08 1.69 0.00	34.51 1.00 0.00	29.14 0.75 -1.23	26.23 0.71 -1.40	26.83 0.82 0.00	27.93 0.90 -0.69	28.26 0.97 0.00	30.63 1.01 0.00	32.85 0.91 0.00	33.65 0.95 0.00	29.68 0.82 0.00
EUCLID___115KV_TB2 356179	26.96 -0.08 0.00	24.90 -0.09 0.00	22.03 -0.09 0.00	21.64 -0.08 0.00	21.99 -0.06 0.00	26.56 -0.08 0.00	33.31 -0.24 0.00	30.18 -0.32 0.00	30.25 -0.31 0.00	30.70 -0.36 0.00	36.43 -0.46 0.00	31.99 -0.49 0.00	35.95 -0.49 0.00	50.57 -0.83 0.00	32.94 -0.57 0.00	27.42 -0.48 -0.74	24.57 -0.40 -0.84	25.58 -0.43 0.00	26.35 -0.41 -0.42	26.91 -0.38 0.00	29.19 -0.43 0.00	31.41 -0.53 0.00	32.27 -0.44 0.00	28.62 -0.24 0.00
E_CANADA_CAP_HY 24051	28.26 1.22 0.00	26.14 1.16 0.00	23.17 1.05 0.00	22.78 1.06 0.00	23.12 1.06 0.00	28.00 1.36 0.00	35.34 1.80 0.00	32.15 1.64 0.00	32.08 1.53 0.00	32.51 1.45 0.00	38.52 1.64 0.00	33.82 1.35 0.00	37.85 1.41 0.00	53.27 1.88 0.00	34.79 1.28 0.00	33.99 0.96 -5.88	31.74 0.96 -6.66	27.01 1.00 0.00	30.70 1.07 -3.29	28.45 1.16 0.00	30.81 1.19 0.00	33.18 1.23 0.00	33.96 1.26 0.00	30.09 1.23 0.00
E_CANADA_MHWK_HY 24050	27.22 0.18 0.00	25.10 0.12 0.00	22.28 0.15 0.00	21.91 0.18 0.00	22.31 0.25 0.00	27.19 0.55 0.00	34.62 1.08 0.00	31.74 1.23 0.00	31.84 1.29 0.00	32.45 1.39 0.00	38.58 1.69 0.00	33.82 1.34 0.00	37.74 1.30 0.00	53.38 1.99 0.00	34.69 1.18 0.00	28.28 1.04 -0.09	25.23 1.01 -0.10	27.13 1.12 0.00	27.60 1.21 -0.05	28.58 1.29 0.00	30.98 1.36 0.00	33.21 1.26 0.00	33.71 1.01 0.00	29.33 0.47 0.00
E_FISHKILL___LBMP 23776	27.99 0.96 0.00	25.82 0.84 0.00	22.86 0.73 0.00	22.42 0.69 0.00	22.77 0.72 0.00	27.58 0.94 0.00	34.95 1.40 0.00	31.92 1.41 0.00	31.99 1.44 0.00	32.60 1.54 0.00	38.81 1.93 0.00	34.21 1.74 0.00	38.42 1.98 0.00	54.41 3.02 0.00	35.54 2.04 0.00	32.68 1.73 -3.79	29.92 1.51 -4.29	27.70 1.68 0.00	30.15 1.69 -2.12	28.94 1.65 0.00	31.44 1.82 0.00	33.86 1.92 0.00	34.57 1.87 0.00	30.12 1.26 0.00
FALCON___SEABRD_CC1 323796	27.79 0.75 0.00	25.63 0.65 0.00	22.74 0.61 0.00	22.29 0.57 0.00	22.43 0.37 0.00	27.07 0.43 0.00	34.40 0.86 0.00	31.51 1.01 0.00	31.64 1.08 0.00	32.14 1.07 0.00	38.13 1.25 0.00	33.63 1.16 0.00	37.60 1.16 0.00	52.90 1.51 0.00	34.36 0.86 0.00	27.72 0.57 0.00	24.45 0.32 0.00	25.91 -0.10 0.00	26.17 -0.17 0.00	27.05 -0.23 0.00	29.03 -0.59 0.00	31.59 -0.35 0.00	32.36 -0.34 0.00	28.72 -0.14 0.00
FALCON___SEABRD_CC2 323797	27.79 0.75 0.00	25.63 0.65 0.00	22.74 0.61 0.00	22.29 0.57 0.00	22.43 0.37 0.00	27.07 0.43 0.00	34.40 0.86 0.00	31.51 1.01 0.00	31.64 1.08 0.00	32.14 1.07 0.00	38.13 1.25 0.00	33.63 1.16 0.00	37.60 1.16 0.00	52.90 1.51 0.00	34.36 0.86 0.00	27.72 0.57 0.00	24.45 0.32 0.00	25.91 -0.10 0.00	26.17 -0.17 0.00	27.05 -0.23 0.00	29.03 -0.59 0.00	31.59 -0.35 0.00	32.36 -0.34 0.00	28.72 -0.14 0.00
FAR ROCKAWAY___4 23548	28.73 1.69 0.00	26.43 1.45 0.00	23.38 1.26 0.00	22.87 1.15 0.00	23.21 1.15 0.00	28.20 1.56 0.00	35.89 2.35 0.00	32.72 2.21 0.00	32.67 2.11 0.00	33.20 2.14 0.00	39.76 2.88 0.00	35.05 2.58 0.00	39.39 2.94 0.00	55.60 4.21 0.00	36.48 2.98 0.00	33.41 2.52 -3.73	30.62 2.27 -4.23	28.48 2.47 0.00	30.87 2.45 -2.09	29.62 2.33 0.00	32.15 2.53 0.00	34.64 2.70 0.00	35.46 2.76 0.00	30.82 1.96 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.27 1.23 0.00	26.06 1.08 0.00	23.06 0.93 0.00	22.60 0.87 0.00	22.95 0.90 0.00	27.82 1.18 0.00	35.27 1.73 0.00	32.28 1.77 0.00	32.36 1.81 0.00	33.00 1.94 0.00	39.26 2.38 0.00	34.63 2.16 0.00	38.91 2.46 0.00	55.12 3.73 0.00	36.01 2.50 0.00	33.02 2.13 -3.74	30.18 1.83 -4.23	28.09 2.07 0.00	30.47 2.05 -2.09	29.28 2.00 0.00	31.84 2.22 0.00	34.28 2.34 0.00	35.05 2.34 0.00	30.46 1.60 0.00



FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.28 1.24 0.00	26.07 1.09 0.00	23.06 0.93 0.00	22.61 0.89 0.00	22.97 0.91 0.00	27.84 1.20 0.00	35.29 1.75 0.00	32.29 1.79 0.00	32.37 1.81 0.00	33.02 1.96 0.00	39.27 2.39 0.00	34.65 2.17 0.00	38.92 2.47 0.00	55.13 3.74 0.00	36.02 2.51 0.00	33.03 2.14 -3.74	30.18 1.83 -4.23	28.09 2.08 0.00	30.49 2.06 -2.09	29.29 2.00 0.00	31.85 2.23 0.00	34.30 2.36 0.00	35.05 2.36 0.00	30.47 1.61 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.25 1.22 0.00	26.06 1.07 0.00	23.05 0.92 0.00	22.59 0.87 0.00	22.94 0.89 0.00	27.81 1.17 0.00	35.26 1.72 0.00	32.27 1.76 0.00	32.34 1.79 0.00	32.99 1.93 0.00	39.24 2.36 0.00	34.62 2.14 0.00	38.90 2.45 0.00	55.09 3.70 0.00	36.00 2.49 0.00	33.01 2.12 -3.74	30.17 1.82 -4.23	28.07 2.05 0.00	30.46 2.03 -2.09	29.27 1.98 0.00	31.82 2.19 0.00	34.27 2.33 0.00	35.02 2.32 0.00	30.45 1.59 0.00
FARRAGUT___LBMP 323566	28.24 1.20 0.00	26.03 1.05 0.00	23.03 0.91 0.00	22.57 0.85 0.00	22.93 0.87 0.00	27.79 1.15 0.00	35.24 1.70 0.00	32.24 1.73 0.00	32.31 1.75 0.00	32.96 1.90 0.00	39.20 2.31 0.00	34.59 2.11 0.00	38.85 2.40 0.00	55.03 3.64 0.00	35.95 2.45 0.00	32.98 2.09 -3.74	30.14 1.79 -4.23	28.04 2.03 0.00	30.43 2.01 -2.09	29.24 1.95 0.00	31.79 2.17 0.00	34.24 2.30 0.00	34.99 2.30 0.00	30.42 1.56 0.00
FENNER___WINDPWR 24204	27.71 0.67 0.00	25.60 0.62 0.00	22.69 0.56 0.00	22.32 0.60 0.00	22.67 0.62 0.00	27.45 0.81 0.00	34.69 1.15 0.00	31.62 1.11 0.00	31.71 1.16 0.00	32.21 1.15 0.00	38.19 1.31 0.00	33.56 1.09 0.00	37.63 1.19 0.00	52.91 1.52 0.00	34.41 0.90 0.00	28.60 0.72 -0.72	25.58 0.64 -0.82	26.82 0.81 0.00	27.63 0.89 -0.40	28.22 0.93 0.00	30.57 0.95 0.00	32.88 0.93 0.00	33.64 0.94 0.00	29.67 0.81 0.00
FIBERTEK___ENERGY 23856	27.34 0.30 0.00	25.25 0.26 0.00	22.34 0.21 0.00	21.97 0.24 0.00	22.33 0.28 0.00	26.97 0.33 0.00	33.87 0.33 0.00	30.74 0.23 0.00	30.81 0.25 0.00	31.26 0.19 0.00	37.07 0.19 0.00	32.56 0.09 0.00	36.64 0.20 0.00	51.53 0.14 0.00	33.55 0.05 0.00	27.96 -0.02 -0.82	25.08 0.03 -0.93	26.05 0.03 0.00	26.88 0.09 -0.46	27.41 0.12 0.00	29.73 0.10 0.00	31.96 0.01 0.00	32.81 0.11 0.00	29.05 0.19 0.00
FITZPATRICK____ 23598	26.51 -0.52 0.00	24.49 -0.49 0.00	21.67 -0.45 0.00	21.29 -0.44 0.00	21.63 -0.43 0.00	26.10 -0.54 0.00	32.66 -0.88 0.00	29.57 -0.94 0.00	29.62 -0.93 0.00	30.07 -0.99 0.00	35.68 -1.21 0.00	31.36 -1.12 0.00	35.22 -1.22 0.00	49.58 -1.81 0.00	32.32 -1.19 0.00	26.70 -0.99 -0.54	23.88 -0.85 -0.61	25.09 -0.93 0.00	25.73 -0.91 -0.30	26.37 -0.91 0.00	28.62 -1.00 0.00	30.81 -1.13 0.00	31.63 -1.07 0.00	28.13 -0.73 0.00
FLOWRFLD_69_KV_BK1 356044	28.50 1.46 0.00	25.96 0.98 0.00	22.95 0.82 0.00	20.73 0.75 1.74	22.87 0.83 0.01	27.83 1.19 0.00	35.67 2.13 0.00	32.46 1.95 0.00	32.57 2.01 0.00	33.15 2.09 0.00	40.05 3.17 0.00	35.62 3.15 0.00	39.84 3.40 0.00	55.93 4.54 0.00	36.99 3.48 0.00	33.72 2.84 -3.73	30.85 2.49 -4.23	28.73 2.71 0.00	31.05 2.63 -2.09	29.59 2.30 0.00	32.14 2.51 0.00	34.51 2.57 0.00	35.17 2.47 0.00	30.67 1.81 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.31 1.27 0.00	26.11 1.12 0.00	23.10 0.98 0.00	22.66 0.94 0.00	23.02 0.97 0.00	27.90 1.26 0.00	35.38 1.84 0.00	32.38 1.87 0.00	32.46 1.91 0.00	33.08 2.02 0.00	39.37 2.49 0.00	34.69 2.22 0.00	38.98 2.54 0.00	55.19 3.80 0.00	36.04 2.53 0.00	32.98 2.11 -3.71	30.17 1.85 -4.20	28.08 2.07 0.00	30.52 2.11 -2.07	29.38 2.09 0.00	31.91 2.29 0.00	34.32 2.37 0.00	34.99 2.29 0.00	30.48 1.62 0.00
FORT ORANGE____ 23900	27.25 0.21 0.00	25.14 0.16 0.00	22.31 0.18 0.00	21.89 0.16 0.00	22.24 0.19 0.00	26.93 0.29 0.00	34.12 0.58 0.00	31.16 0.65 0.00	31.18 0.63 0.00	31.82 0.76 0.00	37.87 0.99 0.00	33.32 0.85 0.00	37.27 0.82 0.00	52.88 1.49 0.00	34.51 1.01 0.00	32.65 0.94 -4.56	30.12 0.83 -5.16	26.89 0.88 0.00	29.79 0.90 -2.55	28.11 0.82 0.00	30.55 0.93 0.00	32.95 1.01 0.00	33.54 0.84 0.00	29.35 0.49 0.00
FORT_DRUM_COGEN 23780	27.36 0.32 0.00	25.33 0.35 0.00	22.58 0.45 0.00	22.16 0.44 0.00	22.51 0.45 0.00	27.25 0.61 0.00	34.56 1.02 0.00	31.44 0.93 0.00	31.52 0.97 0.00	31.99 0.92 0.00	37.85 0.96 0.00	33.22 0.75 0.00	36.99 0.55 0.00	51.87 0.48 0.00	33.46 -0.05 0.00	27.32 -0.25 -0.41	24.43 -0.16 -0.47	26.50 0.48 0.00	27.22 0.65 -0.23	27.91 0.62 0.00	30.16 0.53 0.00	32.63 0.69 0.00	33.31 0.61 0.00	29.43 0.57 0.00
FPL_FAR_ROCK_GT1 24212	28.73 1.69 0.00	26.43 1.45 0.00	23.38 1.26 0.00	22.87 1.15 0.00	23.21 1.15 0.00	28.20 1.56 0.00	35.89 2.35 0.00	32.72 2.21 0.00	32.67 2.11 0.00	33.20 2.14 0.00	39.76 2.88 0.00	35.05 2.58 0.00	39.38 2.94 0.00	55.60 4.21 0.00	36.48 2.97 0.00	33.41 2.52 -3.73	30.62 2.27 -4.23	28.48 2.46 0.00	30.87 2.44 -2.09	29.62 2.33 0.00	32.15 2.53 0.00	34.64 2.70 0.00	35.46 2.76 0.00	30.82 1.96 0.00
FPL_FAR_ROCK_GT2 23815	28.73 1.69 0.00	26.43 1.45 0.00	23.38 1.26 0.00	22.87 1.15 0.00	23.21 1.15 0.00	28.20 1.56 0.00	35.89 2.35 0.00	32.72 2.21 0.00	32.67 2.11 0.00	33.20 2.14 0.00	39.76 2.88 0.00	35.05 2.58 0.00	39.38 2.94 0.00	55.60 4.21 0.00	36.48 2.97 0.00	33.41 2.52 -3.73	30.62 2.27 -4.23	28.48 2.46 0.00	30.87 2.44 -2.09	29.62 2.33 0.00	32.15 2.53 0.00	34.64 2.70 0.00	35.46 2.76 0.00	30.82 1.96 0.00
FRANKLIN_FALL_HYD 24054	27.53 0.50 0.00	25.43 0.45 0.00	22.57 0.45 0.00	22.19 0.46 0.00	22.34 0.28 0.00	26.93 0.29 0.00	34.24 0.70 0.00	31.32 0.81 0.00	31.42 0.86 0.00	31.94 0.87 0.00	37.85 0.97 0.00	33.42 0.95 0.00	37.41 0.97 0.00	52.55 1.16 0.00	34.19 0.69 0.00	27.57 0.42 0.00	24.36 0.23 0.00	26.05 0.04 0.00	26.31 -0.02 0.00	27.19 -0.10 0.00	29.25 -0.37 0.00	31.84 -0.10 0.00	32.69 -0.01 0.00	29.00 0.14 0.00
FREEPORT_EQUS_GT1 23764	28.55 1.51 0.00	26.25 1.27 0.00	23.21 1.09 0.00	22.71 0.98 0.00	23.05 0.99 0.00	27.99 1.35 0.00	35.58 2.04 0.00	32.32 1.81 0.00	32.39 1.84 0.00	32.97 1.91 0.00	39.47 2.59 0.00	34.89 2.42 0.00	39.19 2.75 0.00	55.30 3.91 0.00	36.32 2.81 0.00	33.24 2.34 -3.73	30.39 2.04 -4.23	28.22 2.20 0.00	30.60 2.18 -2.09	29.31 2.02 0.00	31.83 2.21 0.00	34.37 2.43 0.00	35.17 2.47 0.00	30.58 1.72 0.00
FREEPORT___CT2 23818	28.55 1.51 0.00	26.25 1.27 0.00	23.21 1.09 0.00	22.71 0.98 0.00	23.05 0.99 0.00	27.99 1.35 0.00	35.58 2.04 0.00	32.32 1.81 0.00	32.39 1.84 0.00	32.97 1.91 0.00	39.47 2.59 0.00	34.89 2.42 0.00	39.19 2.75 0.00	55.30 3.91 0.00	36.32 2.81 0.00	33.24 2.34 -3.73	30.39 2.04 -4.23	28.22 2.20 0.00	30.60 2.18 -2.09	29.31 2.02 0.00	31.83 2.21 0.00	34.37 2.43 0.00	35.17 2.47 0.00	30.58 1.72 0.00



FRESHKLS_33_KV_LOAD 356253	28.35 1.31 0.00	26.19 1.21 0.00	23.17 1.04 0.00	22.72 1.00 0.00	23.05 1.00 0.00	27.85 1.21 0.00	35.06 1.52 0.00	32.12 1.61 0.00	32.20 1.65 0.00	32.76 1.69 0.00	38.91 2.03 0.00	34.44 1.96 0.00	38.59 2.15 0.00	54.79 3.40 0.00	35.79 2.29 0.00	32.87 1.98 -3.74	30.15 1.80 -4.23	28.28 2.27 0.00	30.51 2.09 -2.09	29.30 2.01 0.00	31.85 2.23 0.00	34.32 2.38 0.00	35.23 2.53 0.00	30.64 1.78 0.00
FULTON COGEN____ 23766	26.89 -0.14 0.00	24.82 -0.16 0.00	21.98 -0.15 0.00	21.59 -0.14 0.00	21.93 -0.12 0.00	26.48 -0.16 0.00	33.16 -0.38 0.00	30.00 -0.51 0.00	30.09 -0.47 0.00	30.55 -0.51 0.00	36.28 -0.60 0.00	31.85 -0.62 0.00	35.79 -0.65 0.00	50.39 -1.00 0.00	32.83 -0.68 0.00	27.25 -0.57 -0.67	24.42 -0.46 -0.75	25.50 -0.52 0.00	26.24 -0.48 -0.37	26.83 -0.45 0.00	29.14 -0.48 0.00	31.35 -0.60 0.00	32.17 -0.53 0.00	28.58 -0.28 0.00
FULTON____LFGE 323630	28.69 1.65 0.00	26.41 1.43 0.00	23.48 1.36 0.00	22.96 1.24 0.00	23.31 1.25 0.00	28.24 1.60 0.00	35.90 2.36 0.00	32.87 2.36 0.00	32.91 2.35 0.00	33.37 2.30 0.00	39.68 2.79 0.00	34.73 2.26 0.00	38.85 2.40 0.00	55.00 3.60 0.00	35.84 2.33 0.00	34.98 2.29 -5.54	32.62 2.23 -6.27	28.43 2.41 0.00	31.94 2.51 -3.09	29.76 2.47 0.00	32.20 2.58 0.00	34.61 2.66 0.00	35.34 2.64 0.00	30.96 2.10 0.00
G.F.CEMENT____DRP 24184	28.46 1.42 0.00	26.18 1.19 0.00	23.16 1.04 0.00	22.71 0.99 0.00	23.14 1.09 0.00	28.12 1.48 0.00	35.70 2.16 0.00	32.68 2.17 0.00	32.79 2.23 0.00	33.41 2.35 0.00	39.83 2.95 0.00	34.99 2.52 0.00	39.06 2.62 0.00	55.35 3.95 0.00	36.03 2.52 0.00	34.05 2.14 -4.75	31.47 1.96 -5.39	27.99 1.97 0.00	31.00 2.00 -2.66	29.26 1.97 0.00	31.77 2.15 0.00	34.35 2.41 0.00	34.93 2.23 0.00	30.47 1.61 0.00
GARDENVILLE____LBMP 24039	28.21 1.18 0.00	26.01 1.03 0.00	22.83 0.71 0.00	22.49 0.76 0.00	22.82 0.77 0.00	27.82 1.18 0.00	34.58 1.04 0.00	31.11 0.61 0.00	31.12 0.56 0.00	31.23 0.17 0.00	36.76 -0.13 0.00	31.91 -0.56 0.00	36.14 -0.31 0.00	50.25 -1.14 0.00	32.81 -0.69 0.00	27.36 -0.81 -1.01	24.63 -0.64 -1.15	25.10 -0.91 0.00	26.02 -0.88 -0.57	26.75 -0.53 0.00	29.10 -0.52 0.00	31.21 -0.74 0.00	32.39 -0.31 0.00	28.84 -0.02 0.00
GARDNVLA_35_KV_LD 355827	28.33 1.29 0.00	26.11 1.13 0.00	22.92 0.79 0.00	22.57 0.85 0.00	22.91 0.86 0.00	27.94 1.30 0.00	34.75 1.21 0.00	31.27 0.77 0.00	31.29 0.73 0.00	31.41 0.35 0.00	36.96 0.08 0.00	32.08 -0.40 0.00	36.33 -0.11 0.00	50.52 -0.87 0.00	32.99 -0.52 0.00	27.49 -0.68 -1.01	24.76 -0.52 -1.15	25.24 -0.78 0.00	26.17 -0.74 -0.57	26.90 -0.39 0.00	29.27 -0.36 0.00	31.37 -0.57 0.00	32.55 -0.15 0.00	28.96 0.10 0.00
GELCKHM__115KV_LOAD 80723	27.10 0.06 0.00	25.03 0.05 0.00	22.14 0.02 0.00	21.76 0.04 0.00	22.12 0.06 0.00	26.72 0.08 0.00	33.51 -0.03 0.00	30.39 -0.11 0.00	30.46 -0.10 0.00	30.91 -0.15 0.00	36.67 -0.21 0.00	32.21 -0.27 0.00	36.22 -0.22 0.00	50.94 -0.46 0.00	33.18 -0.33 0.00	27.63 -0.30 -0.77	24.76 -0.23 -0.87	25.77 -0.25 0.00	26.56 -0.21 -0.43	27.10 -0.18 0.00	29.39 -0.23 0.00	31.62 -0.33 0.00	32.46 -0.24 0.00	28.78 -0.08 0.00
GENERAL____MILLS 23808	28.29 1.25 0.00	26.07 1.09 0.00	22.89 0.76 0.00	22.54 0.82 0.00	22.88 0.83 0.00	27.90 1.26 0.00	34.69 1.15 0.00	31.23 0.72 0.00	31.23 0.68 0.00	31.35 0.29 0.00	36.89 0.00 0.00	32.02 -0.46 0.00	36.27 -0.17 0.00	50.43 -0.96 0.00	32.92 -0.59 0.00	27.45 -0.72 -1.01	24.71 -0.56 -1.15	25.20 -0.82 0.00	26.12 -0.78 -0.57	26.85 -0.43 0.00	29.21 -0.41 0.00	31.32 -0.63 0.00	32.50 -0.20 0.00	28.93 0.07 0.00
GE_PLASTICS____DRP 24183	27.44 0.40 0.00	25.33 0.35 0.00	22.47 0.35 0.00	22.05 0.33 0.00	22.40 0.35 0.00	27.09 0.46 0.00	34.27 0.73 0.00	31.27 0.77 0.00	31.32 0.77 0.00	31.92 0.86 0.00	37.98 1.10 0.00	33.43 0.95 0.00	37.43 0.98 0.00	53.06 1.67 0.00	34.62 1.11 0.00	32.72 1.01 -4.56	30.18 0.90 -5.16	26.97 0.96 0.00	29.87 0.98 -2.55	28.22 0.92 0.00	30.63 1.01 0.00	33.05 1.10 0.00	33.69 0.98 0.00	29.50 0.64 0.00
GILBOA____1 23756	27.61 0.57 0.00	25.57 0.58 0.00	22.75 0.62 0.00	22.33 0.61 0.00	22.65 0.59 0.00	27.23 0.59 0.00	34.40 0.86 0.00	31.32 0.81 0.00	31.38 0.82 0.00	31.98 0.92 0.00	37.98 1.10 0.00	33.43 0.96 0.00	37.51 1.07 0.00	53.06 1.66 0.00	34.64 1.13 0.00	31.84 0.97 -3.71	29.18 0.85 -4.20	26.90 0.89 0.00	29.33 0.91 -2.07	28.23 0.94 0.00	30.66 1.04 0.00	33.08 1.13 0.00	33.78 1.08 0.00	29.60 0.74 0.00
GILBOA____2 23757	27.61 0.57 0.00	25.57 0.58 0.00	22.75 0.62 0.00	22.33 0.61 0.00	22.65 0.59 0.00	27.23 0.59 0.00	34.40 0.86 0.00	31.32 0.81 0.00	31.38 0.82 0.00	31.98 0.92 0.00	37.98 1.10 0.00	33.43 0.96 0.00	37.51 1.07 0.00	53.06 1.66 0.00	34.64 1.13 0.00	31.84 0.97 -3.71	29.18 0.85 -4.20	26.90 0.89 0.00	29.33 0.91 -2.07	28.23 0.94 0.00	30.66 1.04 0.00	33.08 1.13 0.00	33.78 1.08 0.00	29.60 0.74 0.00
GILBOA____3 23758	27.61 0.57 0.00	25.57 0.58 0.00	22.75 0.62 0.00	22.33 0.61 0.00	22.65 0.59 0.00	27.23 0.59 0.00	34.40 0.86 0.00	31.32 0.81 0.00	31.38 0.82 0.00	31.98 0.92 0.00	37.98 1.10 0.00	33.43 0.96 0.00	37.51 1.07 0.00	53.06 1.66 0.00	34.64 1.13 0.00	31.84 0.97 -3.71	29.18 0.85 -4.20	26.90 0.89 0.00	29.33 0.91 -2.07	28.23 0.94 0.00	30.66 1.04 0.00	33.08 1.13 0.00	33.78 1.08 0.00	29.60 0.74 0.00
GILBOA____4 23759	27.61 0.57 0.00	25.57 0.58 0.00	22.75 0.62 0.00	22.33 0.61 0.00	22.65 0.59 0.00	27.23 0.59 0.00	34.40 0.86 0.00	31.32 0.81 0.00	31.38 0.82 0.00	31.98 0.92 0.00	37.98 1.10 0.00	33.43 0.96 0.00	37.51 1.07 0.00	53.06 1.66 0.00	34.64 1.13 0.00	31.84 0.97 -3.71	29.18 0.85 -4.20	26.90 0.89 0.00	29.33 0.91 -2.07	28.23 0.94 0.00	30.66 1.04 0.00	33.08 1.13 0.00	33.78 1.08 0.00	29.60 0.74 0.00
GILBOA____ 23599	27.61 0.57 0.00	25.57 0.58 0.00	22.75 0.62 0.00	22.33 0.61 0.00	22.64 0.59 0.00	27.23 0.59 0.00	34.40 0.86 0.00	31.32 0.81 0.00	31.38 0.82 0.00	31.98 0.92 0.00	37.98 1.10 0.00	33.43 0.96 0.00	37.51 1.07 0.00	53.06 1.67 0.00	34.64 1.13 0.00	31.84 0.97 -3.71	29.18 0.85 -4.20	26.90 0.89 0.00	29.33 0.91 -2.07	28.23 0.94 0.00	30.66 1.04 0.00	33.08 1.13 0.00	33.78 1.08 0.00	29.60 0.74 0.00
GINNA____ 23603	26.26 -0.78 0.00	24.24 -0.74 0.00	21.39 -0.73 0.00	21.03 -0.69 0.00	21.39 -0.67 0.00	25.96 -0.68 0.00	32.50 -1.04 0.00	29.43 -1.08 0.00	29.45 -1.11 0.00	29.73 -1.33 0.00	35.17 -1.72 0.00	30.73 -1.74 0.00	34.63 -1.81 0.00	48.52 -2.87 0.00	31.66 -1.85 0.00	26.43 -1.59 -0.87	23.76 -1.35 -0.98	24.51 -1.50 0.00	25.35 -1.47 -0.48	25.88 -1.41 0.00	28.04 -1.59 0.00	30.08 -1.86 0.00	30.93 -1.76 0.00	27.49 -1.37 0.00



GLEN PARK____ 23778	27.49 0.45 0.00	25.44 0.46 0.00	22.66 0.54 0.00	22.25 0.52 0.00	22.61 0.55 0.00	27.38 0.75 0.00	34.75 1.21 0.00	31.61 1.11 0.00	31.71 1.15 0.00	32.16 1.10 0.00	38.04 1.16 0.00	33.39 0.91 0.00	37.18 0.73 0.00	52.12 0.73 0.00	33.63 0.13 0.00	27.48 -0.10 -0.43	24.59 -0.02 -0.49	26.66 0.64 0.00	27.40 0.81 -0.24	28.09 0.80 0.00	30.34 0.72 0.00	32.81 0.86 0.00	33.47 0.77 0.00	29.56 0.70 0.00
GLENDAL_27_KV_LOAD 356172	28.35 1.32 0.00	26.10 1.12 0.00	23.04 0.92 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.77 1.13 0.00	35.23 1.69 0.00	32.26 1.75 0.00	32.32 1.77 0.00	32.98 1.92 0.00	39.25 2.36 0.00	34.64 2.17 0.00	38.89 2.44 0.00	55.09 3.70 0.00	36.01 2.50 0.00	33.02 2.13 -3.74	30.19 1.84 -4.23	28.12 2.10 0.00	30.48 2.05 -2.09	29.29 2.00 0.00	31.85 2.23 0.00	34.30 2.36 0.00	35.04 2.35 0.00	30.45 1.59 0.00
GLENWOOD_IC_1_G5 23712	28.57 1.53 0.00	26.28 1.30 0.00	23.25 1.12 0.00	22.75 1.02 0.00	23.10 1.04 0.00	28.05 1.41 0.00	35.67 2.13 0.00	32.51 2.01 0.00	32.50 1.94 0.00	33.07 2.01 0.00	39.69 2.81 0.00	35.03 2.56 0.00	39.34 2.90 0.00	55.54 4.15 0.00	36.44 2.93 0.00	33.34 2.45 -3.73	30.48 2.13 -4.23	28.32 2.30 0.00	30.71 2.28 -2.09	29.44 2.15 0.00	31.96 2.34 0.00	34.43 2.48 0.00	35.20 2.50 0.00	30.60 1.74 0.00
GLENWOOD_IC_2_G1 23688	28.50 1.46 0.00	26.22 1.24 0.00	23.20 1.07 0.00	22.70 0.98 0.00	23.05 1.00 0.00	27.98 1.34 0.00	35.58 2.04 0.00	32.43 1.92 0.00	32.41 1.86 0.00	32.99 1.93 0.00	39.57 2.69 0.00	34.92 2.44 0.00	39.22 2.77 0.00	55.39 4.00 0.00	36.33 2.82 0.00	33.25 2.36 -3.73	30.40 2.05 -4.23	28.23 2.22 0.00	30.63 2.20 -2.09	29.36 2.07 0.00	31.88 2.26 0.00	34.35 2.41 0.00	35.12 2.42 0.00	30.53 1.68 0.00
GLENWOOD_IC_3_G1 23689	28.50 1.46 0.00	26.22 1.24 0.00	23.20 1.07 0.00	22.70 0.98 0.00	23.05 1.00 0.00	27.98 1.34 0.00	35.58 2.04 0.00	32.43 1.92 0.00	32.41 1.86 0.00	32.99 1.93 0.00	39.57 2.69 0.00	34.92 2.44 0.00	39.22 2.77 0.00	55.39 4.00 0.00	36.33 2.82 0.00	33.25 2.36 -3.73	30.40 2.05 -4.23	28.23 2.22 0.00	30.63 2.20 -2.09	29.36 2.07 0.00	31.88 2.26 0.00	34.35 2.41 0.00	35.12 2.42 0.00	30.53 1.68 0.00
GLENWOOD____4 23550	28.57 1.53 0.00	26.28 1.30 0.00	23.25 1.12 0.00	22.75 1.02 0.00	23.10 1.04 0.00	28.05 1.41 0.00	35.67 2.13 0.00	32.51 2.01 0.00	32.50 1.94 0.00	33.07 2.01 0.00	39.69 2.81 0.00	35.03 2.56 0.00	39.34 2.90 0.00	55.54 4.15 0.00	36.44 2.93 0.00	33.34 2.45 -3.73	30.48 2.13 -4.23	28.32 2.30 0.00	30.71 2.28 -2.09	29.44 2.15 0.00	31.96 2.34 0.00	34.43 2.48 0.00	35.20 2.50 0.00	30.60 1.74 0.00
GLENWOOD____5 23614	28.57 1.53 0.00	26.28 1.30 0.00	23.25 1.12 0.00	22.75 1.02 0.00	23.10 1.04 0.00	28.05 1.41 0.00	35.67 2.13 0.00	32.51 2.01 0.00	32.50 1.94 0.00	33.07 2.01 0.00	39.69 2.81 0.00	35.03 2.56 0.00	39.34 2.90 0.00	55.54 4.15 0.00	36.44 2.93 0.00	33.34 2.45 -3.73	30.48 2.13 -4.23	28.32 2.30 0.00	30.71 2.28 -2.09	29.44 2.15 0.00	31.96 2.34 0.00	34.43 2.48 0.00	35.20 2.50 0.00	30.60 1.74 0.00
GLOBAL GREEN_PORT_GT1 23814	29.21 2.17 0.00	26.49 1.50 0.00	23.40 1.28 0.00	21.50 1.26 1.49	23.38 1.34 0.01	28.49 1.85 0.00	36.55 3.01 0.00	33.24 2.73 0.00	33.54 2.99 0.00	34.13 3.07 0.00	41.14 4.26 0.00	36.64 4.17 0.00	40.90 4.45 0.00	57.27 5.88 0.00	37.95 4.45 0.00	34.48 3.59 -3.73	31.56 3.21 -4.23	29.62 3.61 0.00	31.98 3.55 -2.09	30.44 3.15 0.00	33.08 3.45 0.00	35.41 3.46 0.00	35.93 3.23 0.00	31.34 2.48 0.00
GLOBE____DSASP 323697	27.42 0.38 0.00	25.25 0.27 0.00	22.18 0.05 0.00	21.84 0.12 0.00	22.19 0.13 0.00	27.03 0.39 0.00	33.43 -0.11 0.00	29.97 -0.53 0.00	29.93 -0.62 0.00	29.87 -1.19 0.00	35.01 -1.87 0.00	30.35 -2.12 0.00	34.34 -2.11 0.00	47.68 -3.72 0.00	31.23 -2.28 0.00	26.10 -2.03 -0.97	23.55 -1.68 -1.10	23.97 -2.04 0.00	24.84 -2.04 -0.54	25.55 -1.74 0.00	27.77 -1.86 0.00	29.79 -2.15 0.00	31.01 -1.69 0.00	27.84 -1.02 0.00
GOETHSLN____LBMP 323567	28.15 1.12 0.00	25.95 0.97 0.00	22.95 0.83 0.00	22.50 0.78 0.00	22.85 0.80 0.00	27.69 1.05 0.00	35.09 1.55 0.00	32.09 1.58 0.00	32.15 1.60 0.00	32.79 1.73 0.00	38.97 2.09 0.00	34.38 1.90 0.00	38.64 2.20 0.00	54.77 3.38 0.00	35.78 2.27 0.00	32.83 1.94 -3.74	30.01 1.66 -4.23	27.91 1.90 0.00	30.31 1.88 -2.09	29.11 1.82 0.00	31.66 2.04 0.00	34.10 2.16 0.00	34.87 2.17 0.00	30.29 1.43 0.00
GOLAH____69_KV_TB 1_2 80279	28.11 1.07 0.00	25.94 0.96 0.00	22.84 0.72 0.00	22.44 0.71 0.00	22.77 0.72 0.00	27.75 1.11 0.00	34.65 1.10 0.00	31.13 0.62 0.00	31.18 0.62 0.00	31.33 0.27 0.00	36.96 0.08 0.00	32.22 -0.26 0.00	36.35 -0.09 0.00	50.80 -0.59 0.00	33.16 -0.35 0.00	27.64 -0.40 -0.88	24.85 -0.27 -1.00	25.63 -0.39 0.00	26.50 -0.33 -0.49	27.17 -0.12 0.00	29.47 -0.16 0.00	31.60 -0.35 0.00	32.59 -0.11 0.00	28.98 0.12 0.00
GOODYEAR_LAKE_HYD 323669	28.09 1.05 0.00	25.98 0.99 0.00	23.03 0.90 0.00	22.62 0.90 0.00	22.96 0.91 0.00	27.75 1.11 0.00	35.03 1.49 0.00	31.88 1.37 0.00	31.72 1.16 0.00	32.20 1.14 0.00	38.19 1.30 0.00	33.56 1.08 0.00	37.75 1.30 0.00	53.18 1.79 0.00	34.90 1.40 0.00	29.44 1.09 -1.20	26.47 1.00 -1.36	27.13 1.12 0.00	28.21 1.20 -0.67	28.58 1.29 0.00	30.97 1.35 0.00	33.28 1.34 0.00	34.02 1.32 0.00	29.93 1.07 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.67 0.63 0.00	25.57 0.59 0.00	22.61 0.49 0.00	22.22 0.50 0.00	22.55 0.50 0.00	27.27 0.63 0.00	34.34 0.80 0.00	31.24 0.73 0.00	31.39 0.84 0.00	31.89 0.83 0.00	37.80 0.92 0.00	33.16 0.68 0.00	37.41 0.96 0.00	52.57 1.18 0.00	34.10 0.59 0.00	29.16 0.42 -1.59	26.31 0.39 -1.80	26.43 0.42 0.00	27.70 0.47 -0.89	27.85 0.56 0.00	30.26 0.63 0.00	32.43 0.49 0.00	33.28 0.58 0.00	29.29 0.43 0.00
GOUDEY____7 23579	27.69 0.65 0.00	25.58 0.60 0.00	22.63 0.50 0.00	22.23 0.51 0.00	22.57 0.51 0.00	27.30 0.66 0.00	34.37 0.83 0.00	31.26 0.76 0.00	31.43 0.87 0.00	31.92 0.86 0.00	37.83 0.95 0.00	33.19 0.71 0.00	37.45 1.00 0.00	52.62 1.23 0.00	34.14 0.63 0.00	29.19 0.45 -1.59	26.34 0.42 -1.80	26.46 0.44 0.00	27.72 0.50 -0.89	27.88 0.59 0.00	30.29 0.66 0.00	32.46 0.52 0.00	33.31 0.61 0.00	29.31 0.45 0.00
GOUDEY____8 23580	27.67 0.63 0.00	25.57 0.59 0.00	22.61 0.49 0.00	22.22 0.50 0.00	22.55 0.50 0.00	27.27 0.63 0.00	34.34 0.80 0.00	31.24 0.73 0.00	31.39 0.84 0.00	31.89 0.83 0.00	37.80 0.92 0.00	33.16 0.68 0.00	37.41 0.96 0.00	52.57 1.18 0.00	34.10 0.59 0.00	29.16 0.42 -1.59	26.31 0.39 -1.80	26.43 0.42 0.00	27.70 0.47 -0.89	27.85 0.56 0.00	30.26 0.63 0.00	32.43 0.49 0.00	33.28 0.58 0.00	29.29 0.43 0.00



GOWANUS_GT1_1 24077	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT1_2 24078	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT1_3 24079	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT1_4 24080	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT1_5 24084	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT1_6 24111	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT1_7 24112	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT1_8 24113	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT2_1 24114	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT2_2 24115	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT2_3 24116	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT2_4 24117	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT2_5 24118	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT2_6 24119	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT2_7 24120	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00



GOWANUS_GT2_8 24121	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT3_1 24122	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT3_2 24123	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT3_3 24124	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT3_4 24125	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT3_5 24126	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT3_6 24127	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT3_7 24128	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT3_8 24129	28.32 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.91</u> 0.00	22.56 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.61</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.87 <u>1.80</u> 0.00	39.08 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.90 <u>3.51</u> 0.00	35.88 <u>2.37</u> 0.00	32.92 <u>2.03</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.97</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.07 <u>2.36</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT4_1 24130	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT4_2 24131	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT4_3 24132	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT4_4 24133	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT4_5 24134	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00
GOWANUS_GT4_6 24135	28.31 <u>1.28</u> 0.00	26.09 <u>1.11</u> 0.00	23.04 <u>0.92</u> 0.00	22.57 <u>0.84</u> 0.00	22.91 <u>0.86</u> 0.00	27.75 <u>1.11</u> 0.00	35.15 <u>1.60</u> 0.00	32.18 <u>1.67</u> 0.00	32.24 <u>1.69</u> 0.00	32.86 <u>1.80</u> 0.00	39.09 <u>2.20</u> 0.00	34.52 <u>2.05</u> 0.00	38.73 <u>2.29</u> 0.00	54.91 <u>3.52</u> 0.00	35.88 <u>2.37</u> 0.00	32.91 <u>2.02</u> -3.74	30.12 <u>1.77</u> -4.23	28.07 <u>2.06</u> 0.00	30.40 <u>1.98</u> -2.09	29.23 <u>1.94</u> 0.00	31.82 <u>2.20</u> 0.00	34.29 <u>2.34</u> 0.00	35.05 <u>2.35</u> 0.00	30.45 <u>1.59</u> 0.00



GOWANUS_GT4_7 24136	28.31 1.28 0.00	26.09 1.11 0.00	23.04 0.92 0.00	22.57 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.60 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.86 1.80 0.00	39.09 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.91 3.52 0.00	35.88 2.37 0.00	32.91 2.02 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.98 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.05 2.35 0.00	30.45 1.59 0.00
GOWANUS_GT4_8 24137	28.31 1.28 0.00	26.09 1.11 0.00	23.04 0.92 0.00	22.57 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.60 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.86 1.80 0.00	39.09 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.91 3.52 0.00	35.88 2.37 0.00	32.91 2.02 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.98 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.05 2.35 0.00	30.45 1.59 0.00
GREENBSH_115KV_TB3 55895	27.28 0.24 0.00	25.17 0.19 0.00	22.33 0.20 0.00	21.91 0.18 0.00	22.27 0.21 0.00	26.94 0.30 0.00	34.10 0.56 0.00	31.14 0.64 0.00	31.18 0.62 0.00	31.79 0.73 0.00	37.85 0.97 0.00	33.30 0.83 0.00	37.24 0.80 0.00	52.86 1.47 0.00	34.50 0.99 0.00	32.66 0.92 -4.58	30.14 0.82 -5.19	26.88 0.87 0.00	29.80 0.90 -2.56	28.11 0.83 0.00	30.53 0.91 0.00	32.92 0.98 0.00	33.54 0.84 0.00	29.36 0.50 0.00
GREENDGE_115KV_TB5 80291	27.86 0.83 0.00	25.71 0.73 0.00	22.73 0.60 0.00	22.36 0.64 0.00	22.75 0.70 0.00	27.62 0.98 0.00	34.66 1.11 0.00	31.53 1.02 0.00	31.51 0.96 0.00	31.78 0.72 0.00	37.77 0.88 0.00	33.05 0.58 0.00	37.27 0.83 0.00	51.96 0.56 0.00	34.00 0.49 0.00	28.55 0.25 -1.14	25.70 0.28 -1.29	26.31 0.29 0.00	27.36 0.38 -0.64	27.77 0.48 0.00	30.11 0.49 0.00	32.20 0.26 0.00	33.11 0.41 0.00	29.27 0.40 0.00
GREENIDGE___3 23582	27.86 0.83 0.00	25.71 0.73 0.00	22.73 0.60 0.00	22.36 0.64 0.00	22.75 0.70 0.00	27.62 0.98 0.00	34.66 1.11 0.00	31.53 1.02 0.00	31.51 0.96 0.00	31.78 0.72 0.00	37.77 0.88 0.00	33.05 0.58 0.00	37.27 0.83 0.00	51.96 0.56 0.00	34.00 0.49 0.00	28.55 0.25 -1.14	25.70 0.28 -1.29	26.31 0.29 0.00	27.36 0.38 -0.64	27.77 0.48 0.00	30.11 0.49 0.00	32.20 0.26 0.00	33.11 0.41 0.00	29.27 0.40 0.00
GREENIDGE___4 23583	27.86 0.83 0.00	25.71 0.73 0.00	22.73 0.60 0.00	22.36 0.64 0.00	22.75 0.70 0.00	27.61 0.98 0.00	34.65 1.11 0.00	31.52 1.02 0.00	31.51 0.95 0.00	31.78 0.71 0.00	37.77 0.88 0.00	33.05 0.58 0.00	37.27 0.83 0.00	51.96 0.57 0.00	34.00 0.49 0.00	28.55 0.25 -1.14	25.69 0.28 -1.29	26.31 0.29 0.00	27.36 0.38 -0.64	27.77 0.48 0.00	30.10 0.48 0.00	32.20 0.26 0.00	33.11 0.41 0.00	29.26 0.40 0.00
GREENLWN_69_KV_BK 3 55738	28.36 1.32 0.00	26.05 1.07 0.00	23.03 0.90 0.00	22.64 0.75 -0.17	22.88 0.83 0.00	27.78 1.14 0.00	35.37 1.83 0.00	32.19 1.68 0.00	32.16 1.61 0.00	32.74 1.68 0.00	39.40 2.52 0.00	34.90 2.43 0.00	39.17 2.73 0.00	55.20 3.80 0.00	36.30 2.79 0.00	33.23 2.34 -3.73	30.38 2.02 -4.23	28.16 2.15 0.00	30.52 2.10 -2.09	29.19 1.90 0.00	31.69 2.07 0.00	34.11 2.17 0.00	34.84 2.14 0.00	30.33 1.47 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.31 1.28 0.00	26.09 1.11 0.00	23.04 0.92 0.00	22.57 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.60 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.86 1.80 0.00	39.09 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.91 3.52 0.00	35.88 2.37 0.00	32.91 2.02 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.98 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.05 2.35 0.00	30.45 1.59 0.00
GRISSOM___SOLAR 323813	28.69 1.65 0.00	26.41 1.43 0.00	23.48 1.36 0.00	22.96 1.24 0.00	23.31 1.25 0.00	28.24 1.60 0.00	35.90 2.36 0.00	32.87 2.36 0.00	32.91 2.35 0.00	33.37 2.30 0.00	39.68 2.79 0.00	34.73 2.26 0.00	38.85 2.40 0.00	55.00 3.60 0.00	35.84 2.33 0.00	34.98 2.29 -5.54	32.62 2.23 -6.27	28.43 2.41 0.00	31.94 2.51 -3.09	29.76 2.47 0.00	32.20 2.58 0.00	34.61 2.66 0.00	35.34 2.64 0.00	30.96 2.10 0.00
GROVEVILLE___HYD 323602	28.31 1.27 0.00	26.11 1.12 0.00	23.10 0.98 0.00	22.66 0.94 0.00	23.02 0.97 0.00	27.90 1.26 0.00	35.38 1.84 0.00	32.38 1.87 0.00	32.46 1.91 0.00	33.08 2.02 0.00	39.37 2.49 0.00	34.69 2.22 0.00	38.98 2.54 0.00	55.19 3.80 0.00	36.04 2.53 0.00	32.98 2.11 -3.71	30.17 1.85 -4.20	28.08 2.07 0.00	30.52 2.11 -2.07	29.38 2.09 0.00	31.91 2.29 0.00	34.32 2.37 0.00	34.99 2.29 0.00	30.48 1.62 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.34 0.30 0.00	25.25 0.26 0.00	22.34 0.21 0.00	21.97 0.24 0.00	22.33 0.28 0.00	26.97 0.33 0.00	33.87 0.33 0.00	30.74 0.23 0.00	30.81 0.25 0.00	31.26 0.19 0.00	37.07 0.19 0.00	32.56 0.09 0.00	36.64 0.20 0.00	51.53 0.14 0.00	33.55 0.05 0.00	27.96 -0.02 -0.82	25.08 0.03 -0.93	26.05 0.03 0.00	26.88 0.09 -0.46	27.41 0.12 0.00	29.73 0.10 0.00	31.96 0.01 0.00	32.81 0.11 0.00	29.05 0.19 0.00
HAMLTNNY_34_KV_TB 80303	27.48 0.44 0.00	25.38 0.39 0.00	22.45 0.32 0.00	22.08 0.36 0.00	22.46 0.40 0.00	27.13 0.49 0.00	34.07 0.53 0.00	30.97 0.46 0.00	31.02 0.47 0.00	31.48 0.42 0.00	37.28 0.39 0.00	32.74 0.27 0.00	36.89 0.45 0.00	51.81 0.41 0.00	33.77 0.26 0.00	28.14 0.13 -0.86	25.26 0.17 -0.97	26.21 0.19 0.00	27.08 0.26 -0.48	27.57 0.28 0.00	29.89 0.27 0.00	32.13 0.18 0.00	32.99 0.29 0.00	29.16 0.30 0.00
HAMPSHIRE___PAPER_HYD 323593	26.99 -0.05 0.00	24.99 0.01 0.00	22.23 0.10 0.00	21.83 0.10 0.00	22.07 0.02 0.00	26.55 -0.09 0.00	33.66 0.12 0.00	30.65 0.14 0.00	30.69 0.14 0.00	31.17 0.11 0.00	36.93 0.04 0.00	32.52 0.05 0.00	36.31 -0.14 0.00	50.95 -0.44 0.00	33.07 -0.44 0.00	26.82 -0.55 -0.21	23.87 -0.49 -0.24	25.87 -0.15 0.00	26.37 -0.09 -0.12	27.15 -0.14 0.00	29.36 -0.26 0.00	31.90 -0.05 0.00	32.77 0.07 0.00	29.01 0.15 0.00
HARDSCRABBLE_WT_PWR 323673	27.01 -0.02 0.00	24.93 -0.05 0.00	22.14 0.02 0.00	21.81 0.08 0.00	22.19 0.14 0.00	27.10 0.46 0.00	34.50 0.96 0.00	31.59 1.09 0.00	31.70 1.14 0.00	32.27 1.21 0.00	38.33 1.45 0.00	33.56 1.09 0.00	37.42 0.97 0.00	52.81 1.42 0.00	34.32 0.81 0.00	27.95 0.71 -0.09	24.94 0.72 -0.10	26.83 0.81 0.00	27.31 0.92 -0.05	28.33 1.04 0.00	30.72 1.10 0.00	32.96 1.01 0.00	33.46 0.76 0.00	29.19 0.34 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.07 1.03 0.00	25.86 0.89 0.00	22.89 0.76 0.00	22.46 0.74 0.00	22.81 0.75 0.00	27.64 0.99 0.00	35.00 1.46 0.00	31.99 1.48 0.00	32.07 1.52 0.00	32.66 1.60 0.00	38.86 1.97 0.00	34.23 1.76 0.00	38.53 2.09 0.00	54.54 3.15 0.00	35.60 2.10 0.00	32.25 1.74 -3.36	29.45 1.53 -3.80	27.74 1.73 0.00	29.99 1.78 -1.88	29.05 1.76 0.00	31.58 1.96 0.00	33.94 2.00 0.00	34.61 1.91 0.00	30.13 1.27 0.00



HARSNRAD_115KV_TB1 81005	27.92 0.88 0.00	25.74 0.75 0.00	22.57 0.45 0.00	22.22 0.50 0.00	22.51 0.46 0.00	27.40 0.76 0.00	33.86 0.33 0.00	30.34 -0.17 0.00	30.32 -0.23 0.00	30.38 -0.69 0.00	35.73 -1.15 0.00	30.98 -1.49 0.00	35.06 -1.39 0.00	48.72 -2.67 0.00	31.87 -1.64 0.00	26.59 -1.53 -0.97	23.97 -1.25 -1.09	24.47 -1.54 0.00	25.35 -1.53 -0.54	26.08 -1.21 0.00	28.33 -1.30 0.00	30.37 -1.57 0.00	31.63 -1.06 0.00	28.24 -0.62 0.00
HARZA MOOSE__RIVER 24016	27.43 0.40 0.00	25.41 0.43 0.00	22.62 0.49 0.00	22.21 0.49 0.00	22.55 0.50 0.00	27.30 0.66 0.00	34.57 1.03 0.00	31.51 1.00 0.00	31.60 1.04 0.00	32.11 1.05 0.00	38.07 1.18 0.00	33.46 0.99 0.00	37.38 0.94 0.00	52.56 1.17 0.00	34.11 0.60 0.00	27.78 0.37 -0.25	24.73 0.32 -0.28	26.70 0.69 0.00	27.28 0.80 -0.14	28.09 0.80 0.00	30.38 0.76 0.00	32.81 0.87 0.00	33.52 0.82 0.00	29.55 0.69 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.10 0.07 0.00	25.04 0.06 0.00	22.15 0.03 0.00	21.76 0.04 0.00	22.11 0.06 0.00	26.71 0.07 0.00	33.51 -0.03 0.00	30.39 -0.12 0.00	30.46 -0.10 0.00	30.91 -0.15 0.00	36.68 -0.20 0.00	32.21 -0.27 0.00	36.21 -0.23 0.00	50.93 -0.47 0.00	33.16 -0.34 0.00	27.62 -0.31 -0.77	24.75 -0.25 -0.87	25.74 -0.27 0.00	26.53 -0.24 -0.43	27.08 -0.21 0.00	29.37 -0.25 0.00	31.60 -0.34 0.00	32.47 -0.23 0.00	28.78 -0.08 0.00
HELLGATE_13_KV_LD 55870	28.26 1.22 0.00	272.59 1.04 -246.57	169.83 0.84 -146.86	22.48 0.76 0.00	22.83 0.78 0.00	27.66 1.02 0.00	59.79 1.54 -24.71	117.77 1.60 -85.66	32.17 1.62 0.00	32.82 1.75 0.00	39.04 2.16 0.00	34.47 1.99 0.00	38.68 2.23 0.00	54.80 3.41 0.00	35.82 2.31 0.00	32.87 1.98 -3.74	30.06 1.71 -4.23	27.96 1.95 0.00	30.32 1.89 -2.09	29.13 1.84 0.00	31.68 2.06 0.00	34.13 2.18 0.00	34.88 2.18 0.00	30.32 1.46 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.26 1.22 0.00	272.59 1.04 -246.57	169.83 0.84 -146.86	22.48 0.76 0.00	22.83 0.78 0.00	27.66 1.02 0.00	59.79 1.54 -24.71	117.77 1.60 -85.66	32.17 1.62 0.00	32.82 1.75 0.00	39.04 2.16 0.00	34.47 1.99 0.00	38.68 2.23 0.00	54.80 3.41 0.00	35.82 2.31 0.00	32.87 1.98 -3.74	30.06 1.71 -4.23	27.96 1.95 0.00	30.32 1.89 -2.09	29.13 1.84 0.00	31.68 2.06 0.00	34.13 2.18 0.00	34.88 2.18 0.00	30.32 1.46 0.00
HEMPSTEAD____ 23647	28.40 1.36 0.00	26.12 1.14 0.00	23.11 0.99 0.00	22.61 0.88 0.00	22.95 0.89 0.00	27.86 1.22 0.00	35.43 1.88 0.00	32.26 1.75 0.00	32.27 1.72 0.00	32.85 1.78 0.00	39.40 2.52 0.00	34.81 2.34 0.00	39.09 2.65 0.00	55.19 3.80 0.00	36.22 2.71 0.00	33.16 2.27 -3.73	30.33 1.98 -4.23	28.14 2.12 0.00	30.52 2.10 -2.09	29.23 1.95 0.00	31.74 2.12 0.00	34.21 2.27 0.00	34.99 2.28 0.00	30.41 1.55 0.00
HEWLETT__69_KV_BK3 55828	28.62 1.58 0.00	26.33 1.35 0.00	23.30 1.18 0.00	22.79 1.07 0.00	23.12 1.07 0.00	28.09 1.45 0.00	35.74 2.20 0.00	32.57 2.07 0.00	32.53 1.97 0.00	33.06 2.00 0.00	39.65 2.76 0.00	34.97 2.50 0.00	39.29 2.85 0.00	55.47 4.08 0.00	36.39 2.88 0.00	33.32 2.43 -3.73	30.52 2.17 -4.23	28.35 2.34 0.00	30.74 2.31 -2.09	29.48 2.19 0.00	32.00 2.38 0.00	34.50 2.56 0.00	35.32 2.62 0.00	30.70 1.84 0.00
HICKLING__1 23621	27.99 0.95 0.00	25.86 0.88 0.00	22.85 0.73 0.00	22.48 0.76 0.00	22.81 0.76 0.00	27.69 1.04 0.00	34.83 1.29 0.00	31.60 1.09 0.00	31.72 1.16 0.00	32.14 1.08 0.00	37.99 1.11 0.00	33.21 0.73 0.00	37.65 1.20 0.00	52.59 1.20 0.00	34.10 0.59 0.00	28.79 0.30 -1.33	25.92 0.29 -1.51	26.31 0.30 0.00	27.45 0.37 -0.74	27.80 0.52 0.00	30.25 0.62 0.00	32.26 0.32 0.00	33.21 0.51 0.00	29.31 0.45 0.00
HICKLING__2 23622	27.99 0.95 0.00	25.86 0.88 0.00	22.85 0.73 0.00	22.48 0.76 0.00	22.81 0.76 0.00	27.69 1.04 0.00	34.83 1.29 0.00	31.60 1.09 0.00	31.72 1.16 0.00	32.14 1.08 0.00	37.99 1.11 0.00	33.21 0.73 0.00	37.65 1.20 0.00	52.59 1.20 0.00	34.10 0.59 0.00	28.79 0.30 -1.33	25.92 0.29 -1.51	26.31 0.30 0.00	27.45 0.37 -0.74	27.80 0.52 0.00	30.25 0.62 0.00	32.26 0.32 0.00	33.21 0.51 0.00	29.31 0.45 0.00
HIGH FALLS__HY 23754	28.25 1.21 0.00	26.04 1.06 0.00	23.05 0.92 0.00	22.61 0.89 0.00	22.94 0.89 0.00	27.79 1.15 0.00	35.27 1.73 0.00	32.31 1.81 0.00	32.40 1.85 0.00	33.01 1.95 0.00	39.25 2.37 0.00	34.59 2.12 0.00	38.91 2.46 0.00	55.17 3.78 0.00	36.05 2.54 0.00	32.86 2.07 -3.64	30.06 1.82 -4.12	28.09 2.07 0.00	30.51 2.14 -2.03	29.45 2.16 0.00	31.99 2.36 0.00	34.35 2.40 0.00	35.02 2.32 0.00	30.49 1.63 0.00
HILLBURN__GT 23639	27.98 0.94 0.00	25.78 0.80 0.00	22.81 0.68 0.00	22.38 0.66 0.00	22.71 0.66 0.00	27.53 0.89 0.00	34.87 1.32 0.00	31.84 1.33 0.00	31.91 1.36 0.00	32.49 1.42 0.00	38.63 1.75 0.00	34.03 1.56 0.00	38.34 1.90 0.00	54.30 2.91 0.00	35.45 1.94 0.00	32.16 1.61 -3.39	29.40 1.43 -3.84	27.64 1.62 0.00	29.89 1.66 -1.90	28.92 1.63 0.00	31.45 1.83 0.00	33.81 1.87 0.00	34.48 1.78 0.00	30.01 1.15 0.00
HILLSIDE_115KV_TB1 80332	27.56 0.53 0.00	25.47 0.48 0.00	22.50 0.37 0.00	22.12 0.40 0.00	22.44 0.39 0.00	27.19 0.56 0.00	34.21 0.67 0.00	31.08 0.57 0.00	31.23 0.67 0.00	31.70 0.64 0.00	37.47 0.58 0.00	32.80 0.33 0.00	37.22 0.78 0.00	52.07 0.67 0.00	33.73 0.22 0.00	28.52 -0.01 -1.37	25.69 0.02 -1.55	26.01 0.00 0.00	27.17 0.07 -0.76	27.49 0.21 0.00	29.99 0.36 0.00	32.00 0.06 0.00	32.93 0.23 0.00	28.96 0.10 0.00
HISHELDN_WT_PWR 323625	28.02 0.99 0.00	25.86 0.87 0.00	22.76 0.63 0.00	22.41 0.69 0.00	22.73 0.68 0.00	27.70 1.06 0.00	34.48 0.93 0.00	31.05 0.54 0.00	31.05 0.50 0.00	31.23 0.17 0.00	36.74 -0.15 0.00	31.93 -0.55 0.00	36.13 -0.31 0.00	50.23 -1.17 0.00	32.75 -0.76 0.00	27.37 -0.85 -1.06	24.65 -0.67 -1.21	25.14 -0.87 0.00	26.04 -0.89 -0.59	26.66 -0.63 0.00	28.93 -0.69 0.00	31.04 -0.90 0.00	32.18 -0.52 0.00	28.70 -0.16 0.00
HOLTSVILLE_IC_1 23690	28.52 1.48 0.00	25.92 0.93 0.00	22.92 0.79 0.00	20.99 0.77 1.50	22.86 0.82 0.01	27.82 1.18 0.00	35.67 2.13 0.00	32.40 1.90 0.00	32.58 2.02 0.00	33.14 2.08 0.00	40.04 3.16 0.00	35.65 3.18 0.00	39.83 3.39 0.00	55.84 4.45 0.00	36.99 3.48 0.00	33.71 2.82 -3.73	30.84 2.49 -4.23	28.74 2.73 0.00	31.05 2.62 -2.09	29.56 2.27 0.00	32.13 2.51 0.00	34.49 2.54 0.00	35.12 2.42 0.00	30.67 1.81 0.00
HOLTSVILLE_IC_10 23699	28.58 1.54 0.00	25.96 0.98 0.00	22.96 0.84 0.00	21.09 0.80 1.43	22.91 0.86 0.01	27.88 1.24 0.00	35.75 2.21 0.00	32.49 1.99 0.00	32.67 2.12 0.00	33.24 2.18 0.00	40.17 3.29 0.00	35.75 3.27 0.00	39.95 3.50 0.00	56.01 4.61 0.00	37.11 3.60 0.00	33.80 2.91 -3.73	30.92 2.57 -4.23	28.83 2.82 0.00	31.15 2.73 -2.09	29.66 2.37 0.00	32.23 2.61 0.00	34.59 2.65 0.00	35.22 2.51 0.00	30.74 1.88 0.00



HOLTSVILLE_IC_2 23691	28.52 1.48 0.00	25.92 0.93 0.00	22.92 0.79 0.00	20.99 0.77 1.50	22.86 0.82 0.01	27.82 1.18 0.00	35.67 2.13 0.00	32.40 1.90 0.00	32.58 2.02 0.00	33.14 2.08 0.00	40.04 3.16 0.00	35.65 3.18 0.00	39.83 3.39 0.00	55.84 4.45 0.00	36.99 3.48 0.00	33.71 2.82 -3.73	30.84 2.49 -4.23	28.74 2.73 0.00	31.05 2.62 -2.09	29.56 2.27 0.00	32.13 2.51 0.00	34.49 2.54 0.00	35.12 2.42 0.00	30.67 1.81 0.00
HOLTSVILLE_IC_3 23692	28.52 1.48 0.00	25.92 0.93 0.00	22.92 0.79 0.00	20.99 0.77 1.50	22.86 0.82 0.01	27.82 1.18 0.00	35.67 2.13 0.00	32.40 1.90 0.00	32.58 2.02 0.00	33.14 2.08 0.00	40.04 3.16 0.00	35.65 3.18 0.00	39.83 3.39 0.00	55.84 4.45 0.00	36.99 3.48 0.00	33.71 2.82 -3.73	30.84 2.49 -4.23	28.74 2.73 0.00	31.05 2.62 -2.09	29.56 2.27 0.00	32.13 2.51 0.00	34.49 2.54 0.00	35.12 2.42 0.00	30.67 1.81 0.00
HOLTSVILLE_IC_4 23693	28.52 1.48 0.00	25.92 0.93 0.00	22.92 0.79 0.00	20.99 0.77 1.50	22.86 0.82 0.01	27.82 1.18 0.00	35.67 2.13 0.00	32.40 1.90 0.00	32.58 2.02 0.00	33.14 2.08 0.00	40.04 3.16 0.00	35.65 3.18 0.00	39.83 3.39 0.00	55.84 4.45 0.00	36.99 3.48 0.00	33.71 2.82 -3.73	30.84 2.49 -4.23	28.74 2.73 0.00	31.05 2.62 -2.09	29.56 2.27 0.00	32.13 2.51 0.00	34.49 2.54 0.00	35.12 2.42 0.00	30.67 1.81 0.00
HOLTSVILLE_IC_5 23694	28.52 1.48 0.00	25.92 0.93 0.00	22.92 0.79 0.00	20.99 0.77 1.50	22.86 0.82 0.01	27.82 1.18 0.00	35.67 2.13 0.00	32.40 1.90 0.00	32.58 2.02 0.00	33.14 2.08 0.00	40.04 3.16 0.00	35.65 3.18 0.00	39.83 3.39 0.00	55.84 4.45 0.00	36.99 3.48 0.00	33.71 2.82 -3.73	30.84 2.49 -4.23	28.74 2.73 0.00	31.05 2.62 -2.09	29.56 2.27 0.00	32.13 2.51 0.00	34.49 2.54 0.00	35.12 2.42 0.00	30.67 1.81 0.00
HOLTSVILLE_IC_6 23695	28.58 1.54 0.00	25.96 0.98 0.00	22.96 0.84 0.00	21.09 0.80 1.43	22.91 0.86 0.01	27.88 1.24 0.00	35.75 2.21 0.00	32.49 1.99 0.00	32.67 2.12 0.00	33.24 2.18 0.00	40.17 3.29 0.00	35.75 3.27 0.00	39.95 3.50 0.00	56.01 4.61 0.00	37.11 3.60 0.00	33.80 2.91 -3.73	30.92 2.57 -4.23	28.83 2.82 0.00	31.15 2.73 -2.09	29.66 2.37 0.00	32.23 2.61 0.00	34.59 2.65 0.00	35.22 2.51 0.00	30.74 1.88 0.00
HOLTSVILLE_IC_7 23696	28.58 1.54 0.00	25.96 0.98 0.00	22.96 0.84 0.00	21.09 0.80 1.43	22.91 0.86 0.01	27.88 1.24 0.00	35.75 2.21 0.00	32.49 1.99 0.00	32.67 2.12 0.00	33.24 2.18 0.00	40.17 3.29 0.00	35.75 3.27 0.00	39.95 3.50 0.00	56.01 4.61 0.00	37.11 3.60 0.00	33.80 2.91 -3.73	30.92 2.57 -4.23	28.83 2.82 0.00	31.15 2.73 -2.09	29.66 2.37 0.00	32.23 2.61 0.00	34.59 2.65 0.00	35.22 2.51 0.00	30.74 1.88 0.00
HOLTSVILLE_IC_8 23697	28.58 1.54 0.00	25.96 0.98 0.00	22.96 0.84 0.00	21.09 0.80 1.43	22.91 0.86 0.01	27.88 1.24 0.00	35.75 2.21 0.00	32.49 1.99 0.00	32.67 2.12 0.00	33.24 2.18 0.00	40.17 3.29 0.00	35.75 3.27 0.00	39.95 3.50 0.00	56.01 4.61 0.00	37.11 3.60 0.00	33.80 2.91 -3.73	30.92 2.57 -4.23	28.83 2.82 0.00	31.15 2.73 -2.09	29.66 2.37 0.00	32.23 2.61 0.00	34.59 2.65 0.00	35.22 2.51 0.00	30.74 1.88 0.00
HOLTSVILLE_IC_9 23698	28.58 1.54 0.00	25.96 0.98 0.00	22.96 0.84 0.00	21.09 0.80 1.43	22.91 0.86 0.01	27.88 1.24 0.00	35.75 2.21 0.00	32.49 1.99 0.00	32.67 2.12 0.00	33.24 2.18 0.00	40.17 3.29 0.00	35.75 3.27 0.00	39.95 3.50 0.00	56.01 4.61 0.00	37.11 3.60 0.00	33.80 2.91 -3.73	30.92 2.57 -4.23	28.83 2.82 0.00	31.15 2.73 -2.09	29.66 2.37 0.00	32.23 2.61 0.00	34.59 2.65 0.00	35.22 2.51 0.00	30.74 1.88 0.00
HOMER_HL_115KV_TB2 355744	28.92 1.88 0.00	26.70 1.72 0.00	23.50 1.38 0.00	23.14 1.42 0.00	23.42 1.37 0.00	28.45 1.81 0.00	35.54 2.00 0.00	32.27 1.76 0.00	32.23 1.68 0.00	32.45 1.39 0.00	38.33 1.44 0.00	33.44 0.97 0.00	38.05 1.60 0.00	53.07 1.68 0.00	34.45 0.94 0.00	28.68 0.45 -1.08	25.74 0.39 -1.22	26.30 0.29 0.00	27.31 0.37 -0.60	28.07 0.78 0.00	30.58 0.96 0.00	32.76 0.81 0.00	33.96 1.26 0.00	29.93 1.07 0.00
HOWARD_WT_PWR 323690	28.10 1.07 0.00	25.75 0.76 0.00	22.93 0.81 0.00	22.70 0.98 0.00	23.07 1.01 0.00	28.05 1.41 0.00	35.18 1.64 0.00	31.87 1.36 0.00	31.89 1.34 0.00	32.06 1.00 0.00	37.77 0.88 0.00	32.85 0.38 0.00	37.22 0.78 0.00	51.65 0.26 0.00	33.44 -0.07 0.00	28.06 -0.27 -1.18	25.19 -0.27 -1.33	25.83 -0.18 0.00	26.94 -0.06 -0.66	27.19 -0.09 0.00	29.27 -0.35 0.00	31.25 -0.69 0.00	32.29 -0.41 0.00	29.02 0.15 0.00
HQ_GEN_CEDARS 23644	27.02 -0.01 0.00	25.00 0.02 0.00	22.13 0.00 0.00	21.72 0.00 0.00	21.99 -0.07 0.00	26.47 -0.17 0.00	33.44 -0.10 0.00	30.45 -0.06 0.00	30.51 -0.05 0.00	30.95 -0.11 0.00	36.71 -0.18 0.00	32.44 -0.04 0.00	36.37 -0.07 0.00	51.13 -0.26 0.00	33.34 -0.17 0.00	26.94 -0.21 0.00	23.91 -0.21 0.00	25.81 -0.20 0.00	26.08 -0.26 0.00	27.01 -0.28 0.00	29.30 -0.33 0.00	31.77 -0.17 0.00	32.62 -0.08 0.00	28.87 0.01 0.00
HQ_GEN_CEDARS_PROXY 323590	27.02 -0.01 0.00	25.00 0.02 0.00	22.13 0.00 0.00	21.72 0.00 0.00	21.99 -0.07 0.00	26.48 -0.16 0.00	33.44 -0.10 0.00	33.83 -0.06 -3.38	30.51 -0.05 0.00	30.95 -0.11 0.00	36.71 -0.18 0.00	32.44 -0.04 0.00	36.37 -0.07 0.00	51.14 -0.26 0.00	33.34 -0.17 0.00	26.94 -0.21 0.00	23.91 -0.21 0.00	25.81 -0.20 0.00	26.08 -0.26 0.00	27.01 -0.28 0.00	29.30 -0.32 0.00	31.77 -0.17 0.00	32.62 -0.08 0.00	28.87 0.01 0.00
HQ_GEN_IMPORT 323601	26.90 -0.13 0.00	24.86 -0.12 0.00	22.01 -0.11 0.00	21.61 -0.11 0.00	21.92 -0.13 0.00	26.46 -0.18 0.00	33.35 -0.19 0.00	30.35 -0.15 0.00	30.39 -0.16 0.00	30.88 -0.18 0.00	36.66 -0.22 0.00	32.34 -0.13 0.00	36.29 -0.15 0.00	51.12 -0.27 0.00	33.32 -0.19 0.00	26.98 -0.18 0.00	23.95 -0.17 0.00	25.82 -0.20 0.00	26.44 -0.23 -0.34	27.06 -0.23 0.00	29.36 -0.26 0.00	31.74 -0.21 0.00	32.50 -0.20 0.00	28.72 -0.14 0.00
HQ_GEN_WHEEL 23651	26.90 -0.13 0.00	24.86 -0.12 0.00	22.01 -0.11 0.00	21.61 -0.11 0.00	21.92 -0.13 0.00	26.46 -0.18 0.00	33.35 -0.19 0.00	30.35 -0.15 0.00	30.39 -0.16 0.00	30.88 -0.18 0.00	36.66 -0.22 0.00	32.34 -0.13 0.00	36.29 -0.15 0.00	51.12 -0.27 0.00	33.32 -0.19 0.00	26.98 -0.18 0.00	23.95 -0.17 0.00	25.82 -0.20 0.00	26.44 -0.23 -0.34	27.06 -0.23 0.00	29.36 -0.26 0.00	31.74 -0.21 0.00	32.50 -0.20 0.00	28.72 -0.14 0.00
HUDSON_AVE_GT_3 23810	28.28 1.25 0.00	26.08 1.10 0.00	23.07 0.94 0.00	22.61 0.89 0.00	22.97 0.91 0.00	27.84 1.20 0.00	35.29 1.75 0.00	32.30 1.79 0.00	32.37 1.82 0.00	33.02 1.96 0.00	39.29 2.41 0.00	34.65 2.18 0.00	38.93 2.49 0.00	55.14 3.75 0.00	36.03 2.52 0.00	33.04 2.15 -3.74	30.20 1.85 -4.23	28.10 2.08 0.00	30.49 2.06 -2.09	29.30 2.01 0.00	31.86 2.24 0.00	34.31 2.36 0.00	35.06 2.36 0.00	30.48 1.62 0.00



HUDSON AVE_GT_4 23540	28.28 1.25 0.00	26.08 1.10 0.00	23.07 0.94 0.00	22.61 0.89 0.00	22.97 0.91 0.00	27.84 1.20 0.00	35.29 1.75 0.00	32.30 1.79 0.00	32.37 1.82 0.00	33.02 1.96 0.00	39.29 2.41 0.00	34.65 2.18 0.00	38.93 2.49 0.00	55.14 3.75 0.00	36.03 2.52 0.00	33.04 2.15 -3.74	30.20 1.85 -4.23	28.10 2.08 0.00	30.49 2.06 -2.09	29.30 2.01 0.00	31.86 2.24 0.00	34.31 2.36 0.00	35.06 2.36 0.00	30.48 1.62 0.00
HUDSON AVE_GT_5 23657	28.28 1.25 0.00	26.08 1.10 0.00	23.07 0.94 0.00	22.61 0.89 0.00	22.97 0.91 0.00	27.84 1.20 0.00	35.29 1.75 0.00	32.30 1.79 0.00	32.37 1.82 0.00	33.02 1.96 0.00	39.29 2.41 0.00	34.65 2.18 0.00	38.93 2.49 0.00	55.14 3.75 0.00	36.03 2.52 0.00	33.04 2.15 -3.74	30.20 1.85 -4.23	28.10 2.08 0.00	30.49 2.06 -2.09	29.30 2.01 0.00	31.86 2.24 0.00	34.31 2.36 0.00	35.06 2.36 0.00	30.48 1.62 0.00
HUDSON_AVE_10 24168	28.21 1.18 0.00	26.01 1.03 0.00	22.99 0.87 0.00	22.54 0.82 0.00	22.90 0.84 0.00	27.75 1.11 0.00	35.19 1.65 0.00	32.21 1.71 0.00	32.30 1.74 0.00	32.95 1.89 0.00	39.13 2.25 0.00	34.56 2.09 0.00	38.84 2.40 0.00	55.03 3.64 0.00	35.92 2.41 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.42 1.99 -2.09	29.24 1.95 0.00	31.78 2.16 0.00	34.22 2.27 0.00	34.98 2.28 0.00	30.40 1.55 0.00
HUDSON___115KV_TB 4 355613	27.70 0.66 0.00	25.56 0.58 0.00	22.68 0.56 0.00	22.26 0.54 0.00	22.64 0.58 0.00	27.41 0.77 0.00	34.81 1.27 0.00	31.83 1.32 0.00	31.88 1.33 0.00	32.50 1.44 0.00	38.66 1.78 0.00	33.99 1.52 0.00	38.02 1.57 0.00	53.91 2.52 0.00	35.20 1.69 0.00	33.09 1.48 -4.46	30.49 1.32 -5.05	27.46 1.45 0.00	30.33 1.49 -2.49	28.71 1.42 0.00	31.17 1.55 0.00	33.60 1.65 0.00	34.17 1.47 0.00	29.88 1.02 0.00
HUNTER MOUNT___DRP 323613	27.92 0.88 0.00	25.76 0.78 0.00	22.85 0.73 0.00	22.43 0.71 0.00	22.82 0.76 0.00	27.63 0.99 0.00	35.13 1.59 0.00	32.14 1.63 0.00	32.20 1.65 0.00	32.82 1.76 0.00	39.04 2.16 0.00	34.31 1.83 0.00	38.35 1.91 0.00	54.38 2.98 0.00	35.48 1.97 0.00	33.19 1.71 -4.33	30.53 1.51 -4.90	27.69 1.68 0.00	30.49 1.73 -2.42	28.96 1.67 0.00	31.44 1.82 0.00	33.86 1.92 0.00	34.41 1.71 0.00	30.10 1.24 0.00
HUNTINGTON_RES_REC 323705	28.40 1.37 0.00	25.99 1.01 0.00	22.98 0.85 0.00	19.85 0.73 2.61	22.84 0.80 0.02	27.78 1.14 0.00	35.48 1.93 0.00	32.28 1.77 0.00	32.31 1.76 0.00	32.89 1.83 0.00	39.65 2.76 0.00	35.19 2.72 0.00	39.43 2.99 0.00	55.46 4.07 0.00	36.57 3.06 0.00	33.43 2.54 -3.73	30.56 2.21 -4.23	28.39 2.38 0.00	30.75 2.32 -2.09	29.35 2.06 0.00	31.87 2.25 0.00	34.27 2.33 0.00	34.97 2.26 0.00	30.45 1.59 0.00
HUNTLEY___63 23557	28.11 1.07 0.00	25.90 0.92 0.00	22.75 0.62 0.00	22.39 0.67 0.00	22.74 0.68 0.00	27.71 1.07 0.00	34.39 0.85 0.00	30.84 0.34 0.00	30.84 0.29 0.00	30.90 -0.16 0.00	36.31 -0.57 0.00	31.50 -0.98 0.00	35.63 -0.81 0.00	49.53 -1.87 0.00	32.40 -1.11 0.00	27.00 -1.14 -0.98	24.34 -0.89 -1.11	24.84 -1.18 0.00	25.74 -1.15 -0.55	26.47 -0.82 0.00	28.76 -0.86 0.00	30.83 -1.11 0.00	32.04 -0.65 0.00	28.63 -0.23 0.00
HUNTLEY___64 23558	28.11 1.07 0.00	25.90 0.92 0.00	22.75 0.62 0.00	22.39 0.67 0.00	22.74 0.68 0.00	27.71 1.07 0.00	34.39 0.85 0.00	30.84 0.34 0.00	30.84 0.29 0.00	30.90 -0.16 0.00	36.31 -0.57 0.00	31.50 -0.98 0.00	35.63 -0.81 0.00	49.53 -1.87 0.00	32.40 -1.11 0.00	27.00 -1.14 -0.98	24.34 -0.89 -1.11	24.84 -1.18 0.00	25.74 -1.15 -0.55	26.47 -0.82 0.00	28.76 -0.86 0.00	30.83 -1.11 0.00	32.04 -0.65 0.00	28.63 -0.23 0.00
HUNTLEY___65 23559	28.11 1.07 0.00	25.90 0.92 0.00	22.75 0.62 0.00	22.39 0.67 0.00	22.74 0.68 0.00	27.71 1.07 0.00	34.39 0.85 0.00	30.84 0.34 0.00	30.84 0.29 0.00	30.90 -0.16 0.00	36.31 -0.57 0.00	31.50 -0.98 0.00	35.63 -0.81 0.00	49.53 -1.87 0.00	32.40 -1.11 0.00	27.00 -1.14 -0.98	24.34 -0.89 -1.11	24.84 -1.18 0.00	25.74 -1.15 -0.55	26.47 -0.82 0.00	28.76 -0.86 0.00	30.83 -1.11 0.00	32.04 -0.65 0.00	28.63 -0.23 0.00
HUNTLEY___66 23560	28.11 1.07 0.00	25.90 0.92 0.00	22.75 0.62 0.00	22.39 0.67 0.00	22.74 0.68 0.00	27.71 1.07 0.00	34.39 0.85 0.00	30.84 0.34 0.00	30.84 0.29 0.00	30.90 -0.16 0.00	36.31 -0.57 0.00	31.50 -0.98 0.00	35.63 -0.81 0.00	49.53 -1.87 0.00	32.40 -1.11 0.00	27.00 -1.14 -0.98	24.34 -0.89 -1.11	24.84 -1.18 0.00	25.74 -1.15 -0.55	26.47 -0.82 0.00	28.76 -0.86 0.00	30.83 -1.11 0.00	32.04 -0.65 0.00	28.63 -0.23 0.00
HUNTLEY___67 23561	27.92 0.88 0.00	25.73 0.75 0.00	22.59 0.46 0.00	22.24 0.52 0.00	22.59 0.54 0.00	27.53 0.89 0.00	34.15 0.61 0.00	30.69 0.18 0.00	30.67 0.11 0.00	30.75 -0.32 0.00	36.16 -0.73 0.00	31.36 -1.11 0.00	35.50 -0.94 0.00	49.38 -2.02 0.00	32.26 -1.24 0.00	26.93 -1.22 -0.99	24.26 -1.22 -1.13	24.73 -1.28 0.00	25.64 -1.26 -0.55	26.37 -0.92 0.00	28.66 -0.96 0.00	30.75 -1.19 0.00	31.93 -0.77 0.00	28.48 -0.38 0.00
HUNTLEY___68 23562	27.92 0.88 0.00	25.73 0.75 0.00	22.59 0.46 0.00	22.24 0.52 0.00	22.59 0.54 0.00	27.53 0.89 0.00	34.15 0.61 0.00	30.69 0.18 0.00	30.67 0.11 0.00	30.75 -0.32 0.00	36.16 -0.73 0.00	31.36 -1.11 0.00	35.50 -0.94 0.00	49.38 -2.02 0.00	32.26 -1.24 0.00	26.93 -1.22 -0.99	24.26 -1.22 -1.13	24.73 -1.28 0.00	25.64 -1.26 -0.55	26.37 -0.92 0.00	28.66 -0.96 0.00	30.75 -1.19 0.00	31.93 -0.77 0.00	28.48 -0.38 0.00
HYLAND___LFGE 323620	28.85 1.81 0.00	26.60 1.61 0.00	23.47 1.35 0.00	22.90 1.18 0.00	23.12 1.07 0.00	28.17 1.53 0.00	34.88 1.34 0.00	31.65 1.14 0.00	31.79 1.23 0.00	31.99 0.93 0.00	37.58 0.70 0.00	32.57 0.10 0.00	36.57 0.13 0.00	50.81 -0.59 0.00	33.28 -0.22 0.00	27.84 -0.37 -1.05	25.16 -0.16 -1.19	25.93 -0.09 0.00	27.07 0.14 -0.59	27.68 0.39 0.00	29.94 0.31 0.00	31.97 0.02 0.00	33.22 0.52 0.00	30.35 1.49 0.00
INDECK___CORINTH 23802	28.27 1.24 0.00	26.02 1.04 0.00	23.03 0.90 0.00	22.58 0.86 0.00	23.00 0.94 0.00	27.94 1.30 0.00	35.48 1.94 0.00	32.47 1.97 0.00	32.58 2.02 0.00	33.20 2.13 0.00	39.58 2.69 0.00	34.77 2.30 0.00	38.83 2.39 0.00	55.02 3.62 0.00	35.81 2.30 0.00	33.87 1.95 -4.76	31.31 1.80 -5.39	27.84 1.83 0.00	30.85 1.85 -2.66	29.09 1.80 0.00	31.58 1.96 0.00	34.16 2.21 0.00	34.74 2.03 0.00	30.29 1.44 0.00
INDECK___ILION 23567	27.19 0.15 0.00	25.10 0.12 0.00	22.25 0.13 0.00	21.87 0.14 0.00	22.24 0.18 0.00	26.98 0.34 0.00	34.14 0.60 0.00	31.15 0.65 0.00	31.23 0.68 0.00	31.78 0.72 0.00	37.77 0.88 0.00	33.18 0.71 0.00	37.13 0.69 0.00	52.45 1.06 0.00	34.15 0.64 0.00	27.80 0.56 -0.09	24.76 0.54 -0.10	26.63 0.61 0.00	27.06 0.67 -0.05	27.99 0.70 0.00	30.36 0.74 0.00	32.64 0.69 0.00	33.27 0.57 0.00	29.17 0.31 0.00



INDECK___OLEAN 23982	28.92 1.88 0.00	26.70 1.72 0.00	23.50 1.38 0.00	23.14 1.42 0.00	23.42 1.37 0.00	28.45 1.81 0.00	35.54 2.00 0.00	32.27 1.76 0.00	32.23 1.67 0.00	32.46 1.40 0.00	38.33 1.45 0.00	33.44 0.97 0.00	38.05 1.61 0.00	53.08 1.68 0.00	34.45 0.94 0.00	28.68 0.45 -1.08	25.74 0.39 -1.22	26.30 0.29 0.00	27.32 0.38 -0.60	28.07 0.78 0.00	30.58 0.96 0.00	32.76 0.81 0.00	33.94 1.25 0.00	29.93 1.07 0.00
INDECK___OSWEGO 23783	26.63 -0.41 0.00	24.58 -0.40 0.00	21.78 -0.34 0.00	21.39 -0.33 0.00	21.74 -0.32 0.00	26.21 -0.43 0.00	32.67 -0.87 0.00	29.47 -1.04 0.00	29.48 -1.07 0.00	29.94 -1.12 0.00	35.54 -1.34 0.00	31.23 -1.25 0.00	35.07 -1.37 0.00	49.40 -1.99 0.00	32.21 -1.30 0.00	26.70 -1.09 -0.63	23.90 -0.93 -0.71	25.00 -1.01 0.00	25.75 -0.94 -0.35	26.46 -0.82 0.00	28.81 -0.82 0.00	31.01 -0.94 0.00	31.82 -0.88 0.00	28.29 -0.57 0.00
INDECK___YERKES 23781	28.13 1.10 0.00	25.93 0.95 0.00	22.77 0.64 0.00	22.41 0.69 0.00	22.76 0.71 0.00	27.75 1.11 0.00	34.42 0.88 0.00	30.88 0.37 0.00	30.87 0.32 0.00	30.94 -0.13 0.00	36.36 -0.52 0.00	31.54 -0.94 0.00	35.68 -0.76 0.00	49.59 -1.80 0.00	32.44 -1.07 0.00	27.04 -1.10 -0.98	24.37 -0.87 -1.11	24.87 -1.15 0.00	25.78 -1.11 -0.55	26.50 -0.79 0.00	28.79 -0.83 0.00	30.87 -1.08 0.00	32.06 -0.64 0.00	28.66 -0.20 0.00
INDIAN POINT_GT_1 24139	28.03 1.00 0.00	25.84 0.86 0.00	22.87 0.74 0.00	22.44 0.71 0.00	22.77 0.72 0.00	27.60 0.96 0.00	34.98 1.44 0.00	31.96 1.45 0.00	32.03 1.47 0.00	32.63 1.57 0.00	38.84 1.96 0.00	34.24 1.77 0.00	38.50 2.05 0.00	54.51 3.12 0.00	35.61 2.10 0.00	32.60 1.78 -3.67	29.83 1.55 -4.15	27.76 1.74 0.00	30.14 1.75 -2.05	29.00 1.71 0.00	31.53 1.91 0.00	33.93 1.99 0.00	34.62 1.92 0.00	30.14 1.28 0.00
INDIAN POINT_GT_2 23659	28.03 1.00 0.00	25.84 0.86 0.00	22.87 0.74 0.00	22.44 0.71 0.00	22.77 0.72 0.00	27.60 0.96 0.00	34.98 1.44 0.00	31.96 1.45 0.00	32.03 1.47 0.00	32.63 1.57 0.00	38.84 1.96 0.00	34.24 1.77 0.00	38.50 2.05 0.00	54.51 3.12 0.00	35.61 2.10 0.00	32.60 1.78 -3.67	29.83 1.55 -4.15	27.76 1.74 0.00	30.14 1.75 -2.05	29.00 1.71 0.00	31.53 1.91 0.00	33.93 1.99 0.00	34.62 1.92 0.00	30.14 1.28 0.00
INDIAN POINT_GT_3 24019	28.03 1.00 0.00	25.84 0.86 0.00	22.87 0.74 0.00	22.44 0.71 0.00	22.77 0.72 0.00	27.60 0.96 0.00	34.98 1.44 0.00	31.96 1.45 0.00	32.03 1.47 0.00	32.63 1.57 0.00	38.84 1.96 0.00	34.24 1.77 0.00	38.50 2.05 0.00	54.51 3.12 0.00	35.61 2.10 0.00	32.60 1.78 -3.67	29.83 1.55 -4.15	27.76 1.74 0.00	30.14 1.75 -2.05	29.00 1.71 0.00	31.53 1.91 0.00	33.93 1.99 0.00	34.62 1.92 0.00	30.14 1.28 0.00
INDIAN POINT___2 23530	27.98 0.95 0.00	25.79 0.81 0.00	22.82 0.70 0.00	22.39 0.67 0.00	22.73 0.68 0.00	27.55 0.91 0.00	34.90 1.36 0.00	31.87 1.37 0.00	31.94 1.39 0.00	32.54 1.47 0.00	38.71 1.83 0.00	34.12 1.65 0.00	38.38 1.94 0.00	54.36 2.96 0.00	35.51 2.00 0.00	32.38 1.68 -3.55	29.61 1.47 -4.02	27.67 1.66 0.00	30.00 1.68 -1.98	28.93 1.64 0.00	31.44 1.82 0.00	33.84 1.89 0.00	34.53 1.83 0.00	30.05 1.19 0.00
INDIAN POINT___3 23531	28.09 1.06 0.00	25.90 0.92 0.00	22.93 0.80 0.00	22.48 0.76 0.00	22.83 0.78 0.00	27.67 1.03 0.00	35.07 1.53 0.00	32.05 1.54 0.00	32.12 1.56 0.00	32.74 1.68 0.00	38.99 2.10 0.00	34.37 1.89 0.00	38.61 2.16 0.00	54.67 3.28 0.00	35.73 2.22 0.00	32.81 1.89 -3.76	30.02 1.64 -4.26	27.85 1.84 0.00	30.28 1.83 -2.10	29.08 1.79 0.00	31.60 1.98 0.00	34.02 2.08 0.00	34.74 2.04 0.00	30.24 1.38 0.00
INGHAM_C_115KV_TB7 356103	27.22 0.18 0.00	25.10 0.12 0.00	22.28 0.15 0.00	21.91 0.18 0.00	22.31 0.25 0.00	27.19 0.55 0.00	34.62 1.08 0.00	31.74 1.23 0.00	31.84 1.29 0.00	32.45 1.39 0.00	38.57 1.69 0.00	33.82 1.34 0.00	37.74 1.30 0.00	53.38 1.99 0.00	34.69 1.18 0.00	28.28 1.04 -0.09	25.23 1.01 -0.10	27.13 1.12 0.00	27.60 1.21 -0.05	28.58 1.29 0.00	30.98 1.36 0.00	33.21 1.26 0.00	33.71 1.01 0.00	29.33 0.47 0.00
IP CORINTH___1 23988	28.27 1.24 0.00	26.02 1.04 0.00	23.03 0.90 0.00	22.58 0.86 0.00	23.00 0.94 0.00	27.94 1.30 0.00	35.48 1.94 0.00	32.47 1.97 0.00	32.58 2.02 0.00	33.20 2.13 0.00	39.58 2.69 0.00	34.77 2.30 0.00	38.83 2.39 0.00	55.01 3.62 0.00	35.81 2.30 0.00	33.87 1.95 -4.76	31.31 1.80 -5.39	27.84 1.82 0.00	30.85 1.85 -2.66	29.09 1.80 0.00	31.58 1.96 0.00	34.16 2.21 0.00	34.74 2.03 0.00	30.29 1.44 0.00
IP___TICONDEROGA 23804	29.90 2.86 0.00	27.34 2.36 0.00	24.12 2.00 0.00	23.63 1.91 0.00	24.16 2.10 0.00	29.56 2.92 0.00	37.58 4.04 0.00	34.47 3.96 0.00	34.64 4.08 0.00	35.30 4.24 0.00	42.25 5.37 0.00	37.05 4.58 0.00	41.11 4.67 0.00	58.24 6.84 0.00	37.78 4.27 0.00	35.18 3.26 -4.76	32.47 2.96 -5.39	28.77 2.75 0.00	31.76 2.76 -2.66	30.05 2.76 0.00	32.67 3.04 0.00	35.46 3.51 0.00	35.96 3.26 0.00	31.17 2.31 0.00
ISLIP_RES_REC 323679	28.65 1.61 0.00	26.04 1.06 0.00	23.02 0.90 0.00	21.32 0.86 1.27	22.97 0.93 0.01	27.96 1.32 0.00	35.88 2.34 0.00	32.62 2.11 0.00	32.81 2.26 0.00	33.38 2.32 0.00	40.34 3.45 0.00	35.89 3.42 0.00	40.10 3.66 0.00	56.24 4.85 0.00	37.26 3.75 0.00	33.93 3.04 -3.73	31.03 2.68 -4.23	28.95 2.94 0.00	31.28 2.85 -2.09	29.78 2.49 0.00	32.36 2.73 0.00	34.71 2.76 0.00	35.34 2.63 0.00	30.84 1.98 0.00
JAMAICA__27_KV_LOAD 355505	28.50 1.46 0.00	26.24 1.26 0.00	23.16 1.04 0.00	22.71 0.98 0.00	23.06 1.01 0.00	27.96 1.32 0.00	35.48 1.94 0.00	32.50 2.00 0.00	32.61 2.05 0.00	33.28 2.22 0.00	39.39 2.51 0.00	34.86 2.39 0.00	39.22 2.78 0.00	55.56 4.17 0.00	36.21 2.70 0.00	33.21 2.32 -3.74	30.35 2.00 -4.23	28.26 2.25 0.00	30.67 2.25 -2.09	29.52 2.23 0.00	32.06 2.44 0.00	34.51 2.57 0.00	35.27 2.57 0.00	30.69 1.84 0.00
JANIS___SOLAR 323808	28.55 1.52 0.00	26.37 1.39 0.00	23.28 1.16 0.00	22.91 1.19 0.00	23.33 1.28 0.00	28.31 1.67 0.00	35.82 2.28 0.00	32.76 2.25 0.00	32.97 2.41 0.00	33.40 2.34 0.00	39.54 2.66 0.00	34.63 2.15 0.00	38.95 2.51 0.00	54.62 3.23 0.00	35.28 1.77 0.00	29.94 1.40 -1.38	26.99 1.31 -1.57	27.60 1.59 0.00	28.86 1.74 -0.77	29.15 1.86 0.00	31.55 1.93 0.00	33.76 1.81 0.00	34.49 1.79 0.00	30.42 1.56 0.00
JARVIS____ 23743	27.09 0.05 0.00	25.03 0.05 0.00	22.18 0.05 0.00	21.78 0.05 0.00	22.12 0.07 0.00	26.74 0.10 0.00	33.70 0.16 0.00	30.66 0.15 0.00	30.72 0.17 0.00	31.25 0.19 0.00	37.11 0.22 0.00	32.65 0.17 0.00	36.63 0.18 0.00	51.66 0.27 0.00	33.68 0.17 0.00	27.40 0.15 -0.09	24.36 0.14 -0.10	26.18 0.17 0.00	26.57 0.18 -0.05	27.48 0.19 0.00	29.81 0.19 0.00	32.13 0.18 0.00	32.85 0.15 0.00	28.96 0.10 0.00



JENNISON____1 23625	28.57 1.53 0.00	26.39 1.41 0.00	23.32 1.20 0.00	22.94 1.22 0.00	23.33 1.28 0.00	28.32 1.68 0.00	35.85 2.30 0.00	32.82 2.31 0.00	33.40 2.85 0.00	33.90 2.83 0.00	40.13 3.25 0.00	35.16 2.69 0.00	39.61 3.16 0.00	55.51 4.12 0.00	35.56 2.05 0.00	30.37 1.59 -1.63	27.42 1.46 -1.84	27.73 1.71 0.00	29.01 1.76 -0.91	29.13 1.84 0.00	31.51 1.88 0.00	33.77 1.83 0.00	34.51 1.81 0.00	30.24 1.38 0.00
JENNISON____2 23626	28.57 1.53 0.00	26.39 1.41 0.00	23.32 1.20 0.00	22.94 1.22 0.00	23.33 1.28 0.00	28.32 1.68 0.00	35.85 2.30 0.00	32.82 2.31 0.00	33.40 2.85 0.00	33.90 2.83 0.00	40.13 3.25 0.00	35.16 2.69 0.00	39.61 3.16 0.00	55.51 4.12 0.00	35.56 2.05 0.00	30.37 1.59 -1.63	27.42 1.46 -1.84	27.73 1.71 0.00	29.01 1.76 -0.91	29.13 1.84 0.00	31.51 1.88 0.00	33.77 1.83 0.00	34.51 1.81 0.00	30.24 1.38 0.00
JERICHO_RISE_WT_PWR 323719	27.35 0.31 0.00	25.25 0.27 0.00	22.43 0.31 0.00	22.04 0.31 0.00	22.18 0.12 0.00	26.79 0.14 0.00	34.02 0.48 0.00	31.13 0.63 0.00	31.23 0.67 0.00	31.73 0.66 0.00	37.64 0.76 0.00	33.23 0.76 0.00	37.20 0.75 0.00	52.26 0.86 0.00	33.98 0.47 0.00	27.41 0.25 0.00	24.17 0.05 0.00	25.74 -0.27 0.00	25.95 -0.39 0.00	26.82 -0.47 0.00	28.82 -0.81 0.00	31.37 -0.57 0.00	32.18 -0.52 0.00	28.58 -0.28 0.00
KATONAH__115KV_46KV_TB4 355592	28.24 1.20 0.00	26.04 1.05 0.00	23.05 0.92 0.00	22.59 0.87 0.00	22.96 0.90 0.00	27.84 1.20 0.00	35.29 1.74 0.00	32.26 1.75 0.00	32.39 1.84 0.00	33.06 2.00 0.00	39.38 2.49 0.00	34.71 2.23 0.00	38.99 2.55 0.00	55.14 3.75 0.00	35.95 2.44 0.00	32.99 2.06 -3.78	30.20 1.80 -4.28	28.03 2.02 0.00	30.48 2.03 -2.11	29.28 1.99 0.00	31.81 2.19 0.00	34.23 2.29 0.00	34.92 2.22 0.00	30.39 1.53 0.00
KCE_NY_1 323755	28.28 1.24 0.00	26.08 1.09 0.00	23.08 0.96 0.00	22.62 0.90 0.00	23.07 1.02 0.00	27.93 1.30 0.00	35.43 1.89 0.00	32.41 1.91 0.00	32.46 1.90 0.00	33.04 1.97 0.00	39.36 2.47 0.00	34.57 2.10 0.00	38.66 2.22 0.00	54.80 3.41 0.00	35.71 2.21 0.00	33.79 1.88 -4.75	31.21 1.71 -5.38	27.81 1.79 0.00	30.81 1.82 -2.65	29.06 1.77 0.00	31.55 1.93 0.00	34.07 2.12 0.00	34.69 1.99 0.00	30.33 1.47 0.00
KCE_NY_6_ESR 323823	28.31 1.27 0.00	26.09 1.11 0.00	22.90 0.77 0.00	22.55 0.83 0.00	22.89 0.84 0.00	27.93 1.29 0.00	34.73 1.19 0.00	31.26 0.75 0.00	31.26 0.70 0.00	31.38 0.32 0.00	36.93 0.05 0.00	32.06 -0.42 0.00	36.32 -0.12 0.00	50.47 -0.92 0.00	32.95 -0.55 0.00	27.47 -0.70 -1.01	24.73 -0.54 -1.15	25.21 -0.80 0.00	26.15 -0.76 -0.57	26.87 -0.42 0.00	29.22 -0.40 0.00	31.34 -0.60 0.00	32.51 -0.19 0.00	28.94 0.08 0.00
KEDC_PORT_JEFF_GT2 24210	28.42 1.39 0.00	25.82 0.84 0.00	22.83 0.71 0.00	20.80 0.66 1.58	22.79 0.75 0.01	27.74 1.10 0.00	35.61 2.07 0.00	32.36 1.86 0.00	32.52 1.97 0.00	33.09 2.03 0.00	40.05 3.17 0.00	35.66 3.19 0.00	39.84 3.40 0.00	55.86 4.46 0.00	37.02 3.51 0.00	33.72 2.83 -3.73	30.84 2.49 -4.23	28.73 2.72 0.00	31.03 2.60 -2.09	29.53 2.24 0.00	32.09 2.47 0.00	34.45 2.50 0.00	35.11 2.41 0.00	30.65 1.79 0.00
KEDC_PORT_JEFF_GT3 24211	28.42 1.39 0.00	25.82 0.84 0.00	22.83 0.71 0.00	20.80 0.66 1.58	22.79 0.75 0.01	27.74 1.10 0.00	35.61 2.07 0.00	32.36 1.86 0.00	32.52 1.97 0.00	33.09 2.03 0.00	40.05 3.17 0.00	35.66 3.19 0.00	39.84 3.40 0.00	55.86 4.46 0.00	37.02 3.51 0.00	33.72 2.83 -3.73	30.84 2.49 -4.23	28.73 2.72 0.00	31.03 2.60 -2.09	29.53 2.24 0.00	32.09 2.47 0.00	34.45 2.50 0.00	35.11 2.41 0.00	30.65 1.79 0.00
KEDC_GLWD_GT4 24219	28.57 1.53 0.00	26.28 1.30 0.00	23.25 1.12 0.00	22.75 1.02 0.00	23.10 1.05 0.00	28.05 1.41 0.00	35.67 2.13 0.00	32.51 2.01 0.00	32.50 1.94 0.00	33.07 2.01 0.00	39.69 2.81 0.00	35.03 2.56 0.00	39.34 2.89 0.00	55.54 4.15 0.00	36.44 2.93 0.00	33.34 2.45 -3.73	30.48 2.13 -4.23	28.32 2.30 0.00	30.71 2.28 -2.09	29.44 2.15 0.00	31.96 2.34 0.00	34.43 2.48 0.00	35.20 2.50 0.00	30.60 1.74 0.00
KEDC_GLWD_GT5 24220	28.57 1.53 0.00	26.28 1.30 0.00	23.25 1.12 0.00	22.75 1.02 0.00	23.10 1.05 0.00	28.05 1.41 0.00	35.67 2.13 0.00	32.51 2.01 0.00	32.50 1.94 0.00	33.07 2.01 0.00	39.69 2.81 0.00	35.03 2.56 0.00	39.34 2.89 0.00	55.54 4.15 0.00	36.44 2.93 0.00	33.34 2.45 -3.73	30.48 2.13 -4.23	28.32 2.30 0.00	30.71 2.28 -2.09	29.44 2.15 0.00	31.96 2.34 0.00	34.43 2.48 0.00	35.20 2.50 0.00	30.60 1.74 0.00
KENSICO____ 23655	28.12 1.08 0.00	25.92 0.94 0.00	22.95 0.82 0.00	22.50 0.78 0.00	22.85 0.80 0.00	27.69 1.05 0.00	35.10 1.56 0.00	32.08 1.58 0.00	32.15 1.60 0.00	32.78 1.71 0.00	39.02 2.14 0.00	34.40 1.93 0.00	38.65 2.21 0.00	54.75 3.36 0.00	35.78 2.27 0.00	32.81 1.92 -3.73	30.02 1.68 -4.22	27.88 1.87 0.00	30.29 1.87 -2.08	29.11 1.82 0.00	31.64 2.02 0.00	34.06 2.12 0.00	34.78 2.08 0.00	30.27 1.41 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.25 1.21 0.00	26.04 1.06 0.00	23.05 0.93 0.00	22.61 0.89 0.00	22.95 0.90 0.00	27.80 1.16 0.00	35.31 1.76 0.00	32.36 1.85 0.00	32.44 1.89 0.00	33.06 2.00 0.00	39.31 2.43 0.00	34.64 2.17 0.00	38.95 2.51 0.00	55.28 3.89 0.00	36.11 2.61 0.00	32.71 2.14 -3.42	29.87 1.87 -3.87	28.14 2.13 0.00	30.45 2.20 -1.91	29.50 2.21 0.00	32.04 2.42 0.00	34.40 2.45 0.00	35.07 2.37 0.00	30.52 1.67 0.00
KIAC_JFK_GT1 23816	28.40 1.36 0.00	26.16 1.18 0.00	23.10 0.97 0.00	22.64 0.92 0.00	23.00 0.94 0.00	27.87 1.23 0.00	35.36 1.82 0.00	32.38 1.87 0.00	32.49 1.94 0.00	33.16 2.10 0.00	39.25 2.37 0.00	34.75 2.27 0.00	39.08 2.64 0.00	55.37 3.98 0.00	36.09 2.58 0.00	33.11 2.22 -3.74	30.27 1.92 -4.23	28.16 2.15 0.00	30.58 2.15 -2.09	29.41 2.12 0.00	31.95 2.33 0.00	34.39 2.45 0.00	35.16 2.46 0.00	30.60 1.74 0.00
KIAC_JFK_GT2 23817	28.40 1.36 0.00	26.16 1.18 0.00	23.10 0.97 0.00	22.64 0.92 0.00	23.00 0.94 0.00	27.87 1.23 0.00	35.36 1.82 0.00	32.38 1.87 0.00	32.49 1.94 0.00	33.16 2.10 0.00	39.25 2.37 0.00	34.75 2.27 0.00	39.08 2.64 0.00	55.37 3.98 0.00	36.09 2.58 0.00	33.11 2.22 -3.74	30.27 1.92 -4.23	28.16 2.15 0.00	30.58 2.15 -2.09	29.41 2.12 0.00	31.95 2.33 0.00	34.39 2.45 0.00	35.16 2.46 0.00	30.60 1.74 0.00
KIAC_JFK____ 323774	28.40 1.36 0.00	26.17 1.19 0.00	23.11 0.98 0.00	22.64 0.92 0.00	23.00 0.94 0.00	27.87 1.23 0.00	35.36 1.82 0.00	32.39 1.88 0.00	32.50 1.94 0.00	33.16 2.10 0.00	39.25 2.36 0.00	34.74 2.27 0.00	39.08 2.64 0.00	55.37 3.98 0.00	36.09 2.58 0.00	33.11 2.22 -3.74	30.27 1.92 -4.23	28.16 2.15 0.00	30.57 2.15 -2.09	29.41 2.12 0.00	31.95 2.33 0.00	34.39 2.45 0.00	35.17 2.47 0.00	30.59 1.74 0.00



KINTIGH____ 23543	27.54 0.51 0.00	25.40 0.42 0.00	22.33 0.21 0.00	21.99 0.26 0.00	22.33 0.28 0.00	27.16 0.52 0.00	33.74 0.20 0.00	30.40 -0.10 0.00	30.36 -0.19 0.00	30.49 -0.57 0.00	35.94 -0.95 0.00	31.24 -1.23 0.00	35.32 -1.13 0.00	49.24 -2.15 0.00	32.16 -1.35 0.00	26.82 -1.25 -0.92	24.14 -1.02 -1.04	24.75 -1.27 0.00	25.62 -1.24 -0.52	26.32 -0.97 0.00	28.58 -1.04 0.00	30.69 -1.26 0.00	31.78 -0.92 0.00	28.32 -0.54 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.77 0.73 0.00	25.62 0.64 0.00	22.73 0.61 0.00	22.30 0.58 0.00	22.46 0.40 0.00	27.22 0.58 0.00	34.65 1.11 0.00	31.80 1.29 0.00	31.92 1.37 0.00	32.43 1.37 0.00	38.48 1.59 0.00	33.93 1.46 0.00	37.94 1.50 0.00	53.15 1.76 0.00	34.49 0.99 0.00	27.81 0.66 0.00	24.55 0.43 0.00	26.07 0.05 0.00	26.33 -0.01 0.00	27.21 -0.08 0.00	29.20 -0.42 0.00	31.75 -0.19 0.00	32.52 -0.18 0.00	28.84 -0.02 0.00
LACHUTE__HYDRO 323717	29.90 2.86 0.00	27.34 2.36 0.00	24.12 2.00 0.00	23.63 1.91 0.00	24.16 2.10 0.00	29.57 2.93 0.00	37.58 4.04 0.00	34.46 3.96 0.00	34.64 4.08 0.00	35.30 4.24 0.00	42.25 5.37 0.00	37.05 4.58 0.00	41.11 4.67 0.00	58.24 6.84 0.00	37.78 4.27 0.00	35.18 3.26 -4.76	32.47 2.96 -5.39	28.77 2.75 0.00	31.76 2.76 -2.66	30.06 2.77 0.00	32.67 3.04 0.00	35.46 3.51 0.00	35.95 3.25 0.00	31.17 2.31 0.00
LAWRNCV_115KV_TB1 80681	27.01 -0.03 0.00	24.97 -0.01 0.00	22.13 0.00 0.00	21.74 0.01 0.00	21.92 -0.13 0.00	26.26 -0.38 0.00	33.26 -0.29 0.00	30.27 -0.23 0.00	30.30 -0.26 0.00	30.75 -0.31 0.00	36.45 -0.43 0.00	32.20 -0.27 0.00	36.05 -0.39 0.00	50.65 -0.75 0.00	33.04 -0.47 0.00	26.73 -0.53 -0.10	23.73 -0.51 -0.12	25.57 -0.44 0.00	25.91 -0.49 -0.06	26.75 -0.53 0.00	28.98 -0.64 0.00	31.57 -0.38 0.00	32.55 -0.15 0.00	28.90 0.04 0.00
LEDERLE____ 23769	28.03 0.99 0.00	25.83 0.85 0.00	22.85 0.72 0.00	22.42 0.70 0.00	22.75 0.70 0.00	27.58 0.94 0.00	34.93 1.39 0.00	31.91 1.40 0.00	31.98 1.42 0.00	32.56 1.50 0.00	38.73 1.85 0.00	34.12 1.65 0.00	38.43 1.99 0.00	54.42 3.03 0.00	35.54 2.03 0.00	32.25 1.68 -3.41	29.46 1.48 -3.86	27.69 1.68 0.00	29.96 1.72 -1.91	28.99 1.70 0.00	31.52 1.89 0.00	33.87 1.93 0.00	34.54 1.84 0.00	30.07 1.21 0.00
LIGHTHSE_115KV_TB6 355974	27.01 -0.02 0.00	24.97 -0.02 0.00	22.15 0.02 0.00	21.75 0.02 0.00	22.09 0.04 0.00	26.71 0.07 0.00	33.57 0.03 0.00	30.38 -0.12 0.00	30.44 -0.11 0.00	30.90 -0.16 0.00	36.63 -0.26 0.00	32.17 -0.31 0.00	36.04 -0.41 0.00	50.66 -0.74 0.00	32.85 -0.65 0.00	27.16 -0.60 -0.60	24.31 -0.49 -0.68	25.69 -0.32 0.00	26.43 -0.24 -0.33	27.07 -0.22 0.00	29.36 -0.27 0.00	31.69 -0.25 0.00	32.49 -0.21 0.00	28.79 -0.07 0.00
LINDEN COGEN____ 23786	28.14 1.10 0.00	25.94 0.96 0.00	22.95 0.82 0.00	22.50 0.77 0.00	22.84 0.79 0.00	27.68 1.05 0.00	35.08 1.54 0.00	32.07 1.57 0.00	32.14 1.59 0.00	32.78 1.71 0.00	38.97 2.08 0.00	34.37 1.89 0.00	38.63 2.19 0.00	54.74 3.35 0.00	35.76 2.25 0.00	32.82 1.93 -3.74	30.00 1.65 -4.23	27.90 1.89 0.00	30.30 1.87 -2.09	29.10 1.81 0.00	31.65 2.03 0.00	34.09 2.15 0.00	34.86 2.16 0.00	30.28 1.43 0.00
LINDHRST_69_KV_BK1 356055	28.74 1.71 0.00	26.35 1.38 0.00	23.32 1.20 0.00	22.73 1.09 0.09	23.15 1.09 0.00	28.12 1.48 0.00	35.82 2.28 0.00	32.59 2.08 0.00	32.65 2.09 0.00	33.22 2.16 0.00	39.94 3.05 0.00	35.35 2.88 0.00	39.66 3.22 0.00	55.85 4.46 0.00	36.78 3.27 0.00	33.60 2.71 -3.73	30.71 2.36 -4.23	28.54 2.52 0.00	30.92 2.49 -2.09	29.59 2.30 0.00	32.13 2.51 0.00	34.60 2.65 0.00	35.34 2.64 0.00	30.73 1.87 0.00
LIPA_MISC_IPP 23656	28.49 1.45 0.00	25.86 0.88 0.00	22.87 0.75 0.00	20.95 0.72 1.49	22.82 0.78 0.01	27.77 1.13 0.00	35.59 2.05 0.00	32.33 1.83 0.00	32.56 2.00 0.00	33.11 2.05 0.00	39.97 3.08 0.00	35.60 3.12 0.00	39.75 3.31 0.00	55.72 4.33 0.00	36.94 3.43 0.00	33.66 2.77 -3.73	30.80 2.45 -4.23	28.74 2.73 0.00	31.06 2.64 -2.09	29.54 2.25 0.00	32.13 2.51 0.00	34.46 2.52 0.00	35.04 2.34 0.00	30.61 1.75 0.00
LISF__SOLAR 323691	28.51 1.47 0.00	25.87 0.89 0.00	22.88 0.75 0.00	20.97 0.73 1.48	22.83 0.79 0.01	27.78 1.14 0.00	35.63 2.09 0.00	32.37 1.86 0.00	32.59 2.04 0.00	33.14 2.08 0.00	40.01 3.13 0.00	35.64 3.16 0.00	39.79 3.35 0.00	55.76 4.37 0.00	36.98 3.47 0.00	33.70 2.81 -3.73	30.84 2.49 -4.23	28.78 2.77 0.00	31.10 2.68 -2.09	29.57 2.29 0.00	32.16 2.54 0.00	34.50 2.55 0.00	35.07 2.37 0.00	30.63 1.77 0.00
LITTLE FALLS__HYD 24013	27.22 0.18 0.00	25.10 0.12 0.00	22.28 0.15 0.00	21.91 0.18 0.00	22.31 0.25 0.00	27.19 0.55 0.00	34.62 1.08 0.00	31.74 1.23 0.00	31.84 1.29 0.00	32.45 1.39 0.00	38.57 1.69 0.00	33.82 1.34 0.00	37.74 1.30 0.00	53.38 1.99 0.00	34.69 1.18 0.00	28.28 1.04 -0.09	25.23 1.01 -0.10	27.13 1.12 0.00	27.60 1.21 -0.05	28.58 1.29 0.00	30.98 1.36 0.00	33.21 1.26 0.00	33.71 1.01 0.00	29.33 0.47 0.00
LITTLRIV_115KV_TB1 356100	27.52 0.48 0.00	25.44 0.46 0.00	22.54 0.42 0.00	22.16 0.44 0.00	22.34 0.29 0.00	26.76 0.12 0.00	34.03 0.48 0.00	31.07 0.56 0.00	31.07 0.52 0.00	31.52 0.46 0.00	37.31 0.43 0.00	32.92 0.45 0.00	36.85 0.40 0.00	51.74 0.35 0.00	33.75 0.25 0.00	27.27 -0.01 -0.12	24.22 -0.04 -0.14	26.15 0.14 0.00	26.52 0.12 -0.07	27.37 0.08 0.00	29.62 0.00 0.00	32.24 0.30 0.00	33.23 0.53 0.00	29.49 0.63 0.00
LI_NEWBRDGE__DRP 323616	28.27 1.23 0.00	26.02 1.03 0.00	23.02 0.89 0.00	22.52 0.80 0.00	22.87 0.81 0.00	27.76 1.12 0.00	35.29 1.75 0.00	32.15 1.64 0.00	32.14 1.59 0.00	32.72 1.66 0.00	39.24 2.36 0.00	34.68 2.20 0.00	38.94 2.49 0.00	54.98 3.58 0.00	36.08 2.57 0.00	33.05 2.16 -3.73	30.22 1.87 -4.23	28.03 2.02 0.00	30.41 1.98 -2.09	29.13 1.84 0.00	31.63 2.01 0.00	34.08 2.13 0.00	34.85 2.15 0.00	30.31 1.45 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.93 0.90 0.00	25.74 0.76 0.00	22.58 0.45 0.00	22.23 0.51 0.00	22.55 0.49 0.00	27.46 0.82 0.00	33.95 0.40 0.00	30.41 -0.09 0.00	30.40 -0.16 0.00	30.46 -0.61 0.00	35.81 -1.07 0.00	31.06 -1.41 0.00	35.14 -1.30 0.00	48.83 -2.56 0.00	31.95 -1.55 0.00	26.66 -1.46 -0.96	24.03 -1.19 -1.09	24.54 -1.48 0.00	25.42 -1.46 -0.54	26.16 -1.13 0.00	28.41 -1.21 0.00	30.45 -1.49 0.00	31.68 -1.02 0.00	28.29 -0.57 0.00
LOCKPORT__CC1 323769	27.92 0.88 0.00	25.73 0.75 0.00	22.57 0.45 0.00	22.22 0.50 0.00	22.52 0.46 0.00	27.40 0.76 0.00	33.86 0.32 0.00	30.34 -0.17 0.00	30.32 -0.23 0.00	30.37 -0.69 0.00	35.73 -1.15 0.00	30.98 -1.49 0.00	35.06 -1.38 0.00	48.73 -2.67 0.00	31.87 -1.64 0.00	26.59 -1.53 -0.97	23.97 -1.24 -1.09	24.47 -1.54 0.00	25.36 -1.52 -0.54	26.08 -1.21 0.00	28.33 -1.30 0.00	30.37 -1.57 0.00	31.62 -1.08 0.00	28.24 -0.62 0.00



LOCKPORT___CC2 323770	27.92 0.88 0.00	25.73 0.75 0.00	22.57 0.45 0.00	22.22 0.50 0.00	22.52 0.46 0.00	27.40 0.76 0.00	33.86 0.32 0.00	30.34 -0.17 0.00	30.32 -0.23 0.00	30.37 -0.69 0.00	35.73 -1.15 0.00	30.98 -1.49 0.00	35.06 -1.38 0.00	48.73 -2.67 0.00	31.87 -1.64 0.00	26.59 -1.53 -0.97	23.97 -1.24 -1.09	24.47 -1.54 0.00	25.36 -1.52 -0.54	26.08 -1.21 0.00	28.33 -1.30 0.00	30.37 -1.57 0.00	31.62 -1.08 0.00	28.24 -0.62 0.00
LOCKPORT___CC3 323771	27.92 0.88 0.00	25.73 0.75 0.00	22.57 0.45 0.00	22.22 0.50 0.00	22.52 0.46 0.00	27.40 0.76 0.00	33.86 0.32 0.00	30.34 -0.17 0.00	30.32 -0.23 0.00	30.37 -0.69 0.00	35.73 -1.15 0.00	30.98 -1.49 0.00	35.06 -1.38 0.00	48.73 -2.67 0.00	31.87 -1.64 0.00	26.59 -1.53 -0.97	23.97 -1.24 -1.09	24.47 -1.54 0.00	25.36 -1.52 -0.54	26.08 -1.21 0.00	28.33 -1.30 0.00	30.37 -1.57 0.00	31.62 -1.08 0.00	28.24 -0.62 0.00
LONG_LAKE_PHOENIX 24014	26.89 -0.14 0.00	24.82 -0.16 0.00	21.98 -0.15 0.00	21.59 -0.14 0.00	21.93 -0.12 0.00	26.48 -0.16 0.00	33.16 -0.38 0.00	30.00 -0.51 0.00	30.09 -0.47 0.00	30.55 -0.51 0.00	36.28 -0.60 0.00	31.85 -0.62 0.00	35.79 -0.65 0.00	50.39 -1.00 0.00	32.83 -0.68 0.00	27.25 -0.57 -0.67	24.42 -0.46 -0.75	25.50 -0.52 0.00	26.24 -0.48 -0.37	26.83 -0.45 0.00	29.14 -0.48 0.00	31.35 -0.60 0.00	32.17 -0.53 0.00	28.58 -0.28 0.00
LOVETT___3 23632	27.85 0.82 0.00	25.67 0.69 0.00	22.72 0.59 0.00	22.29 0.56 0.00	22.62 0.56 0.00	27.41 0.77 0.00	34.70 1.16 0.00	31.69 1.18 0.00	31.75 1.19 0.00	32.32 1.26 0.00	38.45 1.56 0.00	33.87 1.40 0.00	38.15 1.71 0.00	54.04 2.65 0.00	35.28 1.78 0.00	32.05 1.48 -3.42	29.29 1.30 -3.87	27.49 1.47 0.00	29.76 1.50 -1.91	28.77 1.48 0.00	31.28 1.66 0.00	33.64 1.70 0.00	34.31 1.61 0.00	29.87 1.01 0.00
LOVETT___4 23642	27.85 0.82 0.00	25.67 0.69 0.00	22.72 0.59 0.00	22.29 0.56 0.00	22.62 0.56 0.00	27.41 0.77 0.00	34.70 1.16 0.00	31.69 1.18 0.00	31.75 1.19 0.00	32.32 1.26 0.00	38.45 1.56 0.00	33.87 1.40 0.00	38.15 1.71 0.00	54.04 2.65 0.00	35.28 1.78 0.00	32.05 1.48 -3.42	29.29 1.30 -3.87	27.49 1.47 0.00	29.76 1.50 -1.91	28.77 1.48 0.00	31.28 1.66 0.00	33.64 1.70 0.00	34.31 1.61 0.00	29.87 1.01 0.00
LOVETT___5 23593	27.85 0.82 0.00	25.67 0.69 0.00	22.72 0.59 0.00	22.29 0.56 0.00	22.62 0.56 0.00	27.41 0.77 0.00	34.70 1.16 0.00	31.69 1.18 0.00	31.75 1.19 0.00	32.32 1.26 0.00	38.45 1.56 0.00	33.87 1.40 0.00	38.15 1.71 0.00	54.04 2.65 0.00	35.28 1.78 0.00	32.05 1.48 -3.42	29.29 1.30 -3.87	27.49 1.47 0.00	29.76 1.50 -1.91	28.77 1.48 0.00	31.28 1.66 0.00	33.64 1.70 0.00	34.31 1.61 0.00	29.87 1.01 0.00
LOWER RAQUET___HYD 24057	27.00 -0.04 0.00	24.97 -0.01 0.00	22.13 0.01 0.00	21.74 0.01 0.00	21.90 -0.15 0.00	26.18 -0.46 0.00	33.20 -0.34 0.00	30.22 -0.28 0.00	30.24 -0.32 0.00	30.69 -0.37 0.00	36.37 -0.51 0.00	32.13 -0.34 0.00	35.95 -0.49 0.00	50.49 -0.90 0.00	32.94 -0.57 0.00	26.65 -0.63 -0.12	23.66 -0.60 -0.14	25.50 -0.52 0.00	25.84 -0.56 -0.07	26.67 -0.62 0.00	28.88 -0.74 0.00	31.51 -0.43 0.00	32.53 -0.17 0.00	28.90 0.04 0.00
LOWER___HUDSON 24059	27.88 0.84 0.00	25.72 0.74 0.00	22.79 0.67 0.00	22.36 0.64 0.00	22.75 0.69 0.00	27.53 0.89 0.00	34.83 1.28 0.00	31.80 1.30 0.00	31.86 1.31 0.00	32.47 1.41 0.00	38.67 1.78 0.00	33.98 1.51 0.00	38.01 1.56 0.00	53.92 2.53 0.00	35.18 1.67 0.00	33.29 1.47 -4.67	30.69 1.28 -5.29	27.35 1.34 0.00	30.32 1.37 -2.61	28.61 1.32 0.00	31.10 1.48 0.00	33.57 1.63 0.00	34.22 1.52 0.00	29.95 1.09 0.00
LOWVILLE_115KV_TB2 356335	27.25 0.21 0.00	25.28 0.30 0.00	22.57 0.44 0.00	22.17 0.44 0.00	22.50 0.44 0.00	27.21 0.57 0.00	34.50 0.96 0.00	31.42 0.92 0.00	31.51 0.96 0.00	32.02 0.96 0.00	37.93 1.05 0.00	33.34 0.87 0.00	37.17 0.72 0.00	52.17 0.78 0.00	33.78 0.27 0.00	27.49 0.06 -0.27	24.47 0.04 -0.31	26.55 0.53 0.00	27.17 0.68 -0.15	27.94 0.65 0.00	30.17 0.55 0.00	32.68 0.73 0.00	33.38 0.68 0.00	29.45 0.59 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.26 1.22 0.00	26.06 1.08 0.00	23.08 0.95 0.00	22.63 0.91 0.00	23.04 0.99 0.00	27.92 1.28 0.00	35.39 1.84 0.00	32.34 1.84 0.00	32.41 1.86 0.00	33.01 1.95 0.00	39.31 2.43 0.00	34.54 2.07 0.00	38.64 2.19 0.00	54.76 3.37 0.00	35.68 2.18 0.00	33.77 1.87 -4.75	31.19 1.69 -5.38	27.79 1.77 0.00	30.80 1.80 -2.65	29.05 1.76 0.00	31.54 1.92 0.00	34.04 2.09 0.00	34.66 1.96 0.00	30.33 1.47 0.00
LUTHERNY_35_KV_BK2 355980	28.28 1.24 0.00	26.08 1.10 0.00	23.08 0.96 0.00	22.62 0.90 0.00	23.07 1.02 0.00	27.93 1.30 0.00	35.43 1.89 0.00	32.41 1.90 0.00	32.45 1.90 0.00	33.03 1.97 0.00	39.36 2.47 0.00	34.57 2.10 0.00	38.66 2.22 0.00	54.80 3.40 0.00	35.72 2.21 0.00	33.79 1.88 -4.75	31.21 1.71 -5.38	27.81 1.79 0.00	30.81 1.82 -2.65	29.06 1.77 0.00	31.55 1.93 0.00	34.07 2.12 0.00	34.69 1.99 0.00	30.34 1.47 0.00
LWR___OSWEGATCHIE_HYD 23850	26.99 -0.05 0.00	24.99 0.01 0.00	22.22 0.10 0.00	21.82 0.10 0.00	22.07 0.02 0.00	26.55 -0.09 0.00	33.66 0.12 0.00	30.65 0.14 0.00	30.69 0.14 0.00	31.17 0.11 0.00	36.93 0.04 0.00	32.52 0.05 0.00	36.31 -0.14 0.00	50.95 -0.44 0.00	33.07 -0.44 0.00	26.82 -0.55 -0.21	23.87 -0.49 -0.24	25.87 -0.15 0.00	26.37 -0.09 -0.12	27.15 -0.14 0.00	29.36 -0.26 0.00	31.90 -0.05 0.00	32.77 0.07 0.00	29.01 0.15 0.00
LYONS_FALL_HYD 23570	27.43 0.40 0.00	25.41 0.43 0.00	22.62 0.49 0.00	22.21 0.49 0.00	22.55 0.50 0.00	27.30 0.66 0.00	34.57 1.03 0.00	31.50 1.00 0.00	31.60 1.04 0.00	32.11 1.05 0.00	38.07 1.18 0.00	33.46 0.99 0.00	37.38 0.94 0.00	52.56 1.17 0.00	34.11 0.60 0.00	27.78 0.37 -0.25	24.73 0.32 -0.28	26.70 0.69 0.00	27.28 0.80 -0.14	28.09 0.80 0.00	30.38 0.76 0.00	32.81 0.87 0.00	33.52 0.82 0.00	29.55 0.69 0.00
MADISON___COUNTY_LFGE 323628	27.86 0.83 0.00	25.76 0.78 0.00	22.83 0.71 0.00	22.44 0.72 0.00	22.80 0.75 0.00	27.63 0.99 0.00	34.96 1.42 0.00	31.87 1.37 0.00	31.98 1.43 0.00	32.50 1.44 0.00	38.53 1.65 0.00	33.86 1.39 0.00	37.96 1.52 0.00	53.43 2.04 0.00	34.76 1.25 0.00	28.52 0.99 -0.38	25.42 0.87 -0.43	27.08 1.07 0.00	27.71 1.15 -0.21	28.48 1.19 0.00	30.85 1.23 0.00	33.18 1.23 0.00	33.91 1.21 0.00	29.87 1.01 0.00
MALONE___115KV_TB1 356076	27.53 0.50 0.00	25.43 0.45 0.00	22.57 0.45 0.00	22.19 0.46 0.00	22.34 0.28 0.00	26.93 0.29 0.00	34.24 0.70 0.00	31.32 0.81 0.00	31.42 0.86 0.00	31.94 0.87 0.00	37.85 0.97 0.00	33.42 0.95 0.00	37.41 0.97 0.00	52.55 1.16 0.00	34.19 0.69 0.00	27.57 0.42 0.00	24.36 0.23 0.00	26.05 0.04 0.00	26.31 -0.02 0.00	27.19 -0.10 0.00	29.25 -0.37 0.00	31.84 -0.10 0.00	32.69 -0.01 0.00	29.00 0.14 0.00



MAPLEWOD_115KV_TB3 80458	27.66 0.62 0.00	25.53 0.54 0.00	22.64 0.51 0.00	22.21 0.48 0.00	22.57 0.52 0.00	27.34 0.70 0.00	34.60 1.06 0.00	31.62 1.12 0.00	31.67 1.12 0.00	32.28 1.22 0.00	38.44 1.56 0.00	33.81 1.33 0.00	37.81 1.36 0.00	53.64 2.25 0.00	35.00 1.49 0.00	33.12 1.34 -4.63	30.55 1.19 -5.24	27.29 1.27 0.00	30.24 1.31 -2.59	28.53 1.25 0.00	30.98 1.36 0.00	33.43 1.48 0.00	34.03 1.34 0.00	29.77 0.91 0.00
MAPLE_RIDGE_WT_1 323574	26.74 -0.30 0.00	24.89 -0.09 0.00	22.06 -0.06 0.00	21.66 -0.07 0.00	21.98 -0.07 0.00	26.54 -0.10 0.00	33.44 -0.10 0.00	30.44 -0.07 0.00	30.48 -0.07 0.00	30.99 -0.08 0.00	36.77 -0.11 0.00	32.41 -0.06 0.00	36.35 -0.10 0.00	51.17 -0.22 0.00	33.33 -0.18 0.00	27.00 -0.15 0.00	23.91 -0.21 0.00	25.83 -0.18 0.00	26.14 -0.20 0.00	27.07 -0.22 0.00	29.30 -0.32 0.00	31.75 -0.20 0.00	32.53 -0.17 0.00	28.74 -0.12 0.00
MAPLE_RIDGE_WT_2 323611	26.74 -0.30 0.00	24.89 -0.09 0.00	22.06 -0.06 0.00	21.66 -0.07 0.00	21.98 -0.07 0.00	26.54 -0.10 0.00	33.44 -0.10 0.00	30.44 -0.07 0.00	30.48 -0.07 0.00	30.99 -0.08 0.00	36.77 -0.11 0.00	32.41 -0.06 0.00	36.35 -0.10 0.00	51.17 -0.22 0.00	33.33 -0.18 0.00	27.00 -0.15 0.00	23.91 -0.21 0.00	25.83 -0.18 0.00	26.14 -0.20 0.00	27.07 -0.22 0.00	29.30 -0.32 0.00	31.75 -0.20 0.00	32.53 -0.17 0.00	28.74 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	27.43 0.39 0.00	25.32 0.34 0.00	22.49 0.37 0.00	22.08 0.36 0.00	22.23 0.17 0.00	26.84 0.20 0.00	34.10 0.56 0.00	31.20 0.69 0.00	31.30 0.74 0.00	31.81 0.74 0.00	37.73 0.85 0.00	33.29 0.82 0.00	37.26 0.82 0.00	52.39 1.00 0.00	34.03 0.53 0.00	27.45 0.30 0.00	24.20 0.08 0.00	25.72 -0.29 0.00	25.93 -0.40 0.00	26.82 -0.46 0.00	28.81 -0.82 0.00	31.36 -0.58 0.00	32.17 -0.53 0.00	28.56 -0.30 0.00
MARSHVLE_115KV_TB1 80742	28.30 1.26 0.00	26.16 1.18 0.00	23.19 1.07 0.00	22.80 1.08 0.00	23.14 1.08 0.00	28.03 1.39 0.00	35.40 1.86 0.00	32.22 1.71 0.00	32.16 1.60 0.00	32.59 1.53 0.00	38.63 1.75 0.00	33.92 1.45 0.00	37.94 1.50 0.00	53.42 2.03 0.00	34.89 1.39 0.00	34.03 1.05 -5.83	31.78 1.06 -6.60	27.13 1.12 0.00	30.78 1.19 -3.26	28.56 1.27 0.00	30.93 1.31 0.00	33.29 1.34 0.00	34.07 1.37 0.00	30.17 1.31 0.00
MARSH_HILL_WT_PWR 323713	28.06 1.02 0.00	25.70 0.72 0.00	22.89 0.76 0.00	22.66 0.94 0.00	23.04 0.98 0.00	28.01 1.37 0.00	35.13 1.59 0.00	31.81 1.30 0.00	31.84 1.29 0.00	32.03 0.96 0.00	37.72 0.84 0.00	32.81 0.34 0.00	37.17 0.73 0.00	51.57 0.18 0.00	33.39 -0.12 0.00	28.01 -0.30 -1.17	25.16 -0.28 -1.32	25.80 -0.22 0.00	26.89 -0.10 -0.65	27.15 -0.13 0.00	29.24 -0.38 0.00	31.22 -0.72 0.00	32.25 -0.45 0.00	28.97 0.11 0.00
MCINTYRE_115KV_TB2 80467	27.93 0.89 0.00	25.80 0.82 0.00	22.86 0.73 0.00	22.49 0.77 0.00	22.69 0.64 0.00	27.21 0.57 0.00	34.68 1.14 0.00	31.71 1.21 0.00	31.70 1.15 0.00	32.13 1.07 0.00	37.99 1.11 0.00	33.51 1.03 0.00	37.48 1.03 0.00	52.63 1.24 0.00	34.34 0.83 0.00	27.73 0.46 -0.12	24.66 0.40 -0.14	26.66 0.65 0.00	27.05 0.65 -0.07	27.92 0.63 0.00	30.19 0.57 0.00	32.81 0.86 0.00	33.78 1.08 0.00	29.95 1.09 0.00
MECO____69_KV_BK1 80468	28.69 1.65 0.00	26.41 1.43 0.00	23.48 1.36 0.00	22.96 1.24 0.00	23.31 1.25 0.00	28.24 1.60 0.00	35.90 2.36 0.00	32.87 2.36 0.00	32.91 2.35 0.00	33.37 2.30 0.00	39.68 2.79 0.00	34.73 2.26 0.00	38.85 2.40 0.00	55.00 3.61 0.00	35.84 2.33 0.00	34.98 2.29 -5.54	32.62 2.23 -6.27	28.43 2.41 0.00	31.94 2.51 -3.09	29.76 2.47 0.00	32.20 2.58 0.00	34.61 2.67 0.00	35.34 2.64 0.00	30.96 2.10 0.00
MENANDS_115KV_TB5 355628	27.50 0.46 0.00	25.38 0.40 0.00	22.50 0.38 0.00	22.08 0.36 0.00	22.44 0.39 0.00	27.18 0.54 0.00	34.38 0.84 0.00	31.42 0.91 0.00	31.47 0.91 0.00	32.07 1.01 0.00	38.19 1.31 0.00	33.60 1.12 0.00	37.57 1.12 0.00	53.33 1.93 0.00	34.79 1.28 0.00	32.95 1.18 -4.62	30.39 1.04 -5.23	27.12 1.10 0.00	30.06 1.14 -2.58	28.35 1.07 0.00	30.78 1.16 0.00	33.21 1.27 0.00	33.82 1.13 0.00	29.60 0.75 0.00
MG INDUSTRY___DRP 24185	27.61 0.57 0.00	25.51 0.52 0.00	22.64 0.51 0.00	22.21 0.49 0.00	22.57 0.52 0.00	27.31 0.67 0.00	34.52 0.98 0.00	31.48 0.97 0.00	31.51 0.96 0.00	32.12 1.06 0.00	38.19 1.31 0.00	33.61 1.14 0.00	37.61 1.17 0.00	53.32 1.92 0.00	34.80 1.29 0.00	32.81 1.15 -4.51	30.26 1.04 -5.10	27.12 1.11 0.00	29.98 1.13 -2.52	28.37 1.08 0.00	30.79 1.17 0.00	33.23 1.28 0.00	33.87 1.17 0.00	29.68 0.82 0.00
MID___OSWEGATCHIE_HYD 23849	26.99 -0.05 0.00	24.99 0.01 0.00	22.22 0.10 0.00	21.82 0.10 0.00	22.07 0.02 0.00	26.55 -0.09 0.00	33.66 0.12 0.00	30.65 0.14 0.00	30.69 0.14 0.00	31.17 0.11 0.00	36.93 0.04 0.00	32.52 0.05 0.00	36.31 -0.14 0.00	50.95 -0.44 0.00	33.07 -0.44 0.00	26.82 -0.55 -0.21	23.87 -0.49 -0.24	25.87 -0.15 0.00	26.37 -0.09 -0.12	27.15 -0.14 0.00	29.36 -0.26 0.00	31.90 -0.05 0.00	32.77 0.07 0.00	29.01 0.15 0.00
MID___RAQUETTE_HYD 23851	27.00 -0.04 0.00	24.97 -0.01 0.00	22.13 0.01 0.00	21.74 0.01 0.00	21.90 -0.15 0.00	26.18 -0.46 0.00	33.20 -0.34 0.00	30.22 -0.28 0.00	30.24 -0.32 0.00	30.69 -0.37 0.00	36.37 -0.51 0.00	32.13 -0.34 0.00	35.95 -0.49 0.00	50.49 -0.90 0.00	32.94 -0.57 0.00	26.65 -0.63 -0.12	23.66 -0.60 -0.14	25.50 -0.52 0.00	25.84 -0.56 -0.07	26.67 -0.62 0.00	28.88 -0.74 0.00	31.51 -0.43 0.00	32.53 -0.17 0.00	28.90 0.04 0.00
MILLIKEN___1 23584	27.93 0.89 0.00	25.80 0.82 0.00	22.82 0.70 0.00	22.44 0.72 0.00	22.82 0.77 0.00	27.60 0.97 0.00	34.77 1.23 0.00	31.72 1.21 0.00	31.81 1.25 0.00	32.27 1.21 0.00	38.22 1.34 0.00	33.56 1.09 0.00	37.81 1.37 0.00	53.09 1.70 0.00	34.52 1.01 0.00	29.06 0.74 -1.16	26.16 0.72 -1.32	26.84 0.82 0.00	27.91 0.92 -0.65	28.25 0.96 0.00	30.61 0.99 0.00	32.85 0.90 0.00	33.65 0.95 0.00	29.68 0.82 0.00
MILLIKEN___2 23585	27.93 0.89 0.00	25.80 0.82 0.00	22.82 0.70 0.00	22.44 0.72 0.00	22.82 0.77 0.00	27.60 0.97 0.00	34.77 1.23 0.00	31.72 1.21 0.00	31.81 1.25 0.00	32.27 1.21 0.00	38.22 1.34 0.00	33.56 1.09 0.00	37.81 1.37 0.00	53.09 1.70 0.00	34.52 1.01 0.00	29.06 0.74 -1.16	26.16 0.72 -1.32	26.84 0.82 0.00	27.91 0.92 -0.65	28.25 0.96 0.00	30.61 0.99 0.00	32.85 0.90 0.00	33.65 0.95 0.00	29.68 0.82 0.00
MILLIKEN___DIESEL 23629	27.93 0.89 0.00	25.80 0.82 0.00	22.82 0.70 0.00	22.44 0.72 0.00	22.82 0.77 0.00	27.60 0.97 0.00	34.77 1.23 0.00	31.72 1.21 0.00	31.81 1.25 0.00	32.27 1.21 0.00	38.22 1.34 0.00	33.56 1.09 0.00	37.81 1.37 0.00	53.09 1.70 0.00	34.52 1.01 0.00	29.06 0.74 -1.16	26.16 0.72 -1.32	26.84 0.82 0.00	27.91 0.92 -0.65	28.25 0.96 0.00	30.61 0.99 0.00	32.85 0.90 0.00	33.65 0.95 0.00	29.68 0.82 0.00



MILLSEAT___LFGE 323607	28.25 1.21 0.00	26.03 1.05 0.00	22.84 0.72 0.00	22.49 0.77 0.00	22.82 0.77 0.00	27.83 1.19 0.00	34.55 1.01 0.00	31.08 0.57 0.00	31.12 0.56 0.00	31.21 0.15 0.00	36.74 -0.14 0.00	31.90 -0.57 0.00	36.07 -0.37 0.00	50.20 -1.19 0.00	32.81 -0.70 0.00	27.36 -0.75 -0.95	24.65 -0.54 -1.07	25.28 -0.74 0.00	26.18 -0.69 -0.53	26.90 -0.39 0.00	29.18 -0.44 0.00	31.25 -0.70 0.00	32.39 -0.31 0.00	28.86 0.00 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.08 1.04 0.00	25.88 0.90 0.00	22.92 0.79 0.00	22.48 0.76 0.00	22.83 0.78 0.00	27.66 1.02 0.00	35.05 1.50 0.00	32.03 1.52 0.00	32.10 1.54 0.00	32.72 1.65 0.00	38.95 2.07 0.00	34.34 1.86 0.00	38.58 2.14 0.00	54.66 3.26 0.00	35.71 2.20 0.00	32.73 1.87 -3.71	29.95 1.62 -4.20	27.83 1.82 0.00	30.24 1.82 -2.07	29.07 1.78 0.00	31.59 1.96 0.00	34.01 2.06 0.00	34.71 2.01 0.00	30.22 1.36 0.00
MILLWOOD_13_KV_LOAD 356217	28.15 1.12 0.00	25.95 0.97 0.00	22.97 0.85 0.00	22.53 0.80 0.00	22.87 0.82 0.00	27.73 1.09 0.00	35.14 1.60 0.00	32.12 1.61 0.00	32.19 1.64 0.00	32.81 1.75 0.00	39.06 2.18 0.00	34.43 1.96 0.00	38.69 2.25 0.00	54.81 3.42 0.00	35.81 2.30 0.00	32.80 1.94 -3.71	30.01 1.69 -4.20	27.91 1.90 0.00	30.31 1.90 -2.07	29.14 1.86 0.00	31.68 2.05 0.00	34.09 2.14 0.00	34.80 2.09 0.00	30.27 1.42 0.00
MODEL_CITY_ENERGY 24167	27.69 0.65 0.00	25.52 0.54 0.00	22.38 0.25 0.00	22.04 0.32 0.00	22.38 0.33 0.00	27.28 0.64 0.00	33.66 0.12 0.00	30.11 -0.40 0.00	30.08 -0.47 0.00	30.13 -0.93 0.00	35.44 -1.45 0.00	30.73 -1.75 0.00	34.76 -1.68 0.00	48.29 -3.10 0.00	31.60 -1.91 0.00	26.40 -1.73 -0.97	23.80 -1.42 -1.10	24.28 -1.74 0.00	25.16 -1.72 -0.54	25.87 -1.42 0.00	28.10 -1.52 0.00	30.14 -1.81 0.00	31.35 -1.35 0.00	28.02 -0.84 0.00
MODERN_LFGE___ 323580	27.69 0.65 0.00	25.52 0.54 0.00	22.38 0.25 0.00	22.04 0.32 0.00	22.38 0.33 0.00	27.28 0.64 0.00	33.66 0.12 0.00	30.11 -0.40 0.00	30.08 -0.47 0.00	30.13 -0.93 0.00	35.44 -1.45 0.00	30.73 -1.75 0.00	34.76 -1.68 0.00	48.29 -3.10 0.00	31.60 -1.91 0.00	26.40 -1.73 -0.97	23.80 -1.42 -1.10	24.28 -1.74 0.00	25.16 -1.72 -0.54	25.87 -1.42 0.00	28.10 -1.52 0.00	30.14 -1.81 0.00	31.35 -1.35 0.00	28.02 -0.84 0.00
MOHAWK_PAPER___DRP 24187	27.66 0.62 0.00	25.53 0.54 0.00	22.64 0.51 0.00	22.21 0.48 0.00	22.57 0.52 0.00	27.34 0.70 0.00	34.60 1.06 0.00	31.62 1.12 0.00	31.67 1.12 0.00	32.28 1.22 0.00	38.44 1.56 0.00	33.81 1.33 0.00	37.81 1.36 0.00	53.64 2.25 0.00	35.00 1.49 0.00	33.12 1.34 -4.63	30.55 1.19 -5.24	27.29 1.27 0.00	30.24 1.31 -2.59	28.53 1.25 0.00	30.98 1.36 0.00	33.43 1.48 0.00	34.03 1.34 0.00	29.77 0.91 0.00
MOHICAN___35_KV_115KV_LD 80490	28.46 1.42 0.00	26.18 1.19 0.00	23.16 1.04 0.00	22.71 0.99 0.00	23.14 1.09 0.00	28.12 1.48 0.00	35.70 2.16 0.00	32.68 2.17 0.00	32.79 2.23 0.00	33.41 2.35 0.00	39.83 2.95 0.00	34.99 2.52 0.00	39.06 2.62 0.00	55.35 3.95 0.00	36.03 2.52 0.00	34.05 2.14 -4.75	31.47 1.96 -5.39	27.99 1.97 0.00	31.00 2.00 -2.66	29.26 1.97 0.00	31.77 2.15 0.00	34.35 2.41 0.00	34.93 2.23 0.00	30.47 1.61 0.00
MONGAUP___HYD 23641	28.23 1.19 0.00	25.97 0.99 0.00	22.96 0.83 0.00	22.56 0.84 0.00	22.94 0.88 0.00	27.78 1.14 0.00	35.18 1.64 0.00	32.03 1.53 0.00	32.14 1.58 0.00	32.72 1.66 0.00	39.16 2.28 0.00	34.35 1.88 0.00	38.70 2.26 0.00	54.75 3.36 0.00	35.68 2.17 0.00	32.13 1.71 -3.26	29.28 1.46 -3.70	27.69 1.67 0.00	29.90 1.74 -1.82	29.02 1.73 0.00	31.42 1.80 0.00	34.04 2.10 0.00	34.78 2.08 0.00	30.20 1.34 0.00
MONTAUK___DIESEL 23721	29.27 2.24 0.00	26.55 1.57 0.00	23.47 1.34 0.00	21.55 1.31 1.49	23.44 1.39 0.01	28.56 1.92 0.00	36.63 3.09 0.00	33.33 2.82 0.00	33.62 3.07 0.00	34.22 3.16 0.00	41.25 4.37 0.00	36.74 4.26 0.00	41.00 4.55 0.00	57.41 6.02 0.00	38.04 4.53 0.00	34.55 3.66 -3.73	31.62 3.27 -4.23	29.70 3.68 0.00	32.06 3.63 -2.09	30.52 3.23 0.00	33.16 3.54 0.00	35.49 3.55 0.00	36.01 3.31 0.00	31.41 2.55 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.05 2.01 0.00	26.77 1.79 0.00	23.46 1.34 0.00	23.05 1.33 0.00	23.30 1.25 0.00	28.56 1.92 0.00	35.76 2.22 0.00	32.28 1.77 0.00	32.37 1.82 0.00	32.57 1.51 0.00	38.31 1.43 0.00	33.32 0.85 0.00	37.76 1.32 0.00	52.57 1.18 0.00	34.21 0.70 0.00	28.46 0.26 -1.05	25.32 0.02 -1.19	25.32 -0.70 0.00	26.36 -0.56 -0.58	27.34 0.05 0.00	30.00 0.38 0.00	32.23 0.28 0.00	33.46 0.76 0.00	29.72 0.86 0.00
MORTIMER_115KV_TB3 55949	27.66 0.62 0.00	25.50 0.52 0.00	22.46 0.34 0.00	22.09 0.37 0.00	22.45 0.39 0.00	27.29 0.65 0.00	34.05 0.51 0.00	30.79 0.29 0.00	30.82 0.26 0.00	31.07 0.01 0.00	36.69 -0.19 0.00	32.00 -0.47 0.00	36.10 -0.34 0.00	50.50 -0.90 0.00	32.96 -0.55 0.00	27.48 -0.56 -0.88	24.70 -0.42 -1.00	25.47 -0.55 0.00	26.33 -0.50 -0.49	26.98 -0.31 0.00	29.25 -0.37 0.00	31.40 -0.55 0.00	32.37 -0.33 0.00	28.78 -0.08 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.21 1.18 0.00	26.01 1.02 0.00	23.00 0.88 0.00	22.55 0.83 0.00	22.90 0.85 0.00	27.77 1.13 0.00	35.21 1.67 0.00	32.20 1.69 0.00	32.27 1.71 0.00	32.91 1.85 0.00	39.15 2.27 0.00	34.54 2.06 0.00	38.81 2.36 0.00	54.97 3.57 0.00	35.92 2.41 0.00	32.93 2.04 -3.74	30.11 1.76 -4.23	28.00 1.98 0.00	30.40 1.98 -2.09	29.21 1.92 0.00	31.75 2.13 0.00	34.20 2.25 0.00	34.94 2.24 0.00	30.38 1.52 0.00
MUNSVILLE_WIND_PWR 323609	29.24 2.21 0.00	27.01 2.03 0.00	23.78 1.66 0.00	23.46 1.74 0.00	23.93 1.88 0.00	29.14 2.50 0.00	37.01 3.47 0.00	33.97 3.47 0.00	34.34 3.79 0.00	34.77 3.71 0.00	41.14 4.26 0.00	35.98 3.51 0.00	40.41 3.96 0.00	56.60 5.20 0.00	36.28 2.78 0.00	30.89 2.23 -1.51	27.84 2.01 -1.71	28.50 2.49 0.00	29.90 2.72 -0.84	30.19 2.90 0.00	32.62 3.00 0.00	34.81 2.87 0.00	35.46 2.76 0.00	31.26 2.40 0.00
N SALMON___HYD 24042	27.53 0.50 0.00	25.43 0.45 0.00	22.57 0.45 0.00	22.19 0.46 0.00	22.34 0.28 0.00	26.93 0.29 0.00	34.24 0.70 0.00	31.32 0.81 0.00	31.42 0.86 0.00	31.93 0.87 0.00	37.85 0.97 0.00	33.42 0.95 0.00	37.41 0.97 0.00	52.55 1.16 0.00	34.20 0.69 0.00	27.57 0.42 0.00	24.36 0.23 0.00	26.05 0.04 0.00	26.31 -0.02 0.00	27.19 -0.10 0.00	29.25 -0.37 0.00	31.84 -0.10 0.00	32.69 -0.01 0.00	29.00 0.14 0.00
N.AKRON___115KV_KNAPP 355671	28.18 1.14 0.00	25.98 0.99 0.00	22.79 0.67 0.00	22.44 0.72 0.00	22.77 0.72 0.00	27.75 1.11 0.00	34.41 0.87 0.00	30.91 0.40 0.00	30.92 0.37 0.00	31.01 -0.05 0.00	36.48 -0.40 0.00	31.67 -0.80 0.00	35.83 -0.62 0.00	49.83 -1.56 0.00	32.58 -0.93 0.00	27.16 -0.95 -0.95	24.49 -0.71 -1.08	25.08 -0.93 0.00	25.97 -0.90 -0.53	26.70 -0.58 0.00	28.98 -0.64 0.00	31.04 -0.91 0.00	32.23 -0.47 0.00	28.74 -0.12 0.00



N.BELMOR_69_KV_BK1 55787	28.52 1.48 0.00	26.22 1.24 0.00	23.19 1.07 0.00	22.68 0.96 0.00	23.03 0.97 0.00	27.96 1.32 0.00	35.53 1.99 0.00	32.33 1.82 0.00	32.36 1.81 0.00	32.95 1.89 0.00	39.49 2.60 0.00	34.89 2.42 0.00	39.19 2.74 0.00	55.30 3.90 0.00	36.32 2.81 0.00	33.23 2.34 -3.73	30.39 2.03 -4.23	28.21 2.20 0.00	30.61 2.18 -2.09	29.32 2.03 0.00	31.83 2.21 0.00	34.34 2.40 0.00	35.11 2.41 0.00	30.53 1.68 0.00
N.E_GEN_SANDY PD 24062	27.88 0.84 0.00	25.72 0.74 0.00	22.79 0.66 0.00	22.34 0.62 0.00	22.72 0.66 0.00	27.52 0.88 0.00	34.81 1.27 0.00	31.80 1.30 0.00	31.86 1.31 0.00	32.47 1.41 0.00	38.69 1.81 0.00	34.04 1.57 0.00	38.11 1.66 0.00	54.08 2.69 0.00	35.31 1.80 0.00	32.90 1.59 -4.15	30.20 1.38 -4.70	27.49 1.48 0.00	30.58 1.50 -2.74	28.74 1.45 0.00	31.25 1.63 0.00	33.70 1.76 0.00	34.35 1.66 0.00	30.02 1.16 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.91 0.87 0.00	25.72 0.74 0.00	22.76 0.63 0.00	22.33 0.61 0.00	22.66 0.61 0.00	27.46 0.82 0.00	34.77 1.23 0.00	31.76 1.25 0.00	31.82 1.27 0.00	32.39 1.33 0.00	38.54 1.66 0.00	33.96 1.48 0.00	38.24 1.79 0.00	54.16 2.77 0.00	35.36 1.86 0.00	32.11 1.54 -3.41	29.35 1.36 -3.87	27.56 1.54 0.00	29.83 1.58 -1.91	28.85 1.56 0.00	31.35 1.73 0.00	33.72 1.77 0.00	34.39 1.69 0.00	29.93 1.07 0.00
N.QUEENS_27_KV_LOAD 356247	28.27 1.24 0.00	26.04 1.05 -0.01	22.96 0.83 0.00	22.45 0.73 0.00	22.79 0.74 0.00	27.63 0.98 0.00	35.05 1.51 0.00	32.12 1.61 0.00	32.16 1.61 0.01	32.78 1.72 0.01	38.97 2.09 0.01	34.41 1.94 0.00	38.64 2.19 0.00	54.73 3.34 0.00	35.81 2.31 0.00	32.84 1.95 -3.74	30.05 1.70 -4.23	27.93 1.92 0.00	30.29 1.86 -2.09	29.11 1.82 0.00	31.67 2.05 0.00	34.16 2.22 0.00	34.89 2.19 0.00	30.29 1.44 0.00
N.TROY___115KV_TB1 355778	27.88 0.84 0.00	25.72 0.74 0.00	22.79 0.67 0.00	22.36 0.64 0.00	22.75 0.69 0.00	27.53 0.89 0.00	34.83 1.28 0.00	31.80 1.30 0.00	31.86 1.31 0.00	32.47 1.41 0.00	38.67 1.78 0.00	33.98 1.51 0.00	38.01 1.56 0.00	53.92 2.53 0.00	35.18 1.67 0.00	33.30 1.47 -4.67	30.69 1.28 -5.29	27.36 1.34 0.00	30.32 1.37 -2.61	28.61 1.32 0.00	31.10 1.48 0.00	33.57 1.63 0.00	34.22 1.52 0.00	29.94 1.09 0.00
NARROWS_GT1_1 24228	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT1_2 24229	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT1_3 24230	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT1_4 24231	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT1_5 24232	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT1_6 24233	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT1_7 24234	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT1_8 24235	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT2_1 24236	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT2_2 24237	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00



NARROWS_GT2_3 24238	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT2_4 24239	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT2_5 24240	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT2_6 24241	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT2_7 24242	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NARROWS_GT2_8 24243	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.87 1.80 0.00	39.08 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.90 3.51 0.00	35.88 2.37 0.00	32.92 2.03 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.97 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.92 0.88 0.00	25.76 0.78 0.00	22.85 0.73 0.00	22.43 0.71 0.00	22.82 0.76 0.00	27.63 0.99 0.00	35.13 1.59 0.00	32.14 1.63 0.00	32.20 1.65 0.00	32.82 1.76 0.00	39.04 2.16 0.00	34.31 1.83 0.00	38.35 1.91 0.00	54.38 2.98 0.00	35.48 1.97 0.00	33.19 1.71 -4.33	30.53 1.51 -4.90	27.69 1.68 0.00	30.49 1.73 -2.42	28.96 1.67 0.00	31.44 1.82 0.00	33.86 1.92 0.00	34.41 1.71 0.00	30.10 1.24 0.00
NCHELSEA_115KV_TR2 355582	28.27 1.23 0.00	26.06 1.08 0.00	23.08 0.95 0.00	22.63 0.91 0.00	22.99 0.93 0.00	27.86 1.22 0.00	35.33 1.79 0.00	32.33 1.82 0.00	32.42 1.86 0.00	33.03 1.97 0.00	39.31 2.43 0.00	34.64 2.17 0.00	38.92 2.48 0.00	55.11 3.72 0.00	35.98 2.47 0.00	32.92 2.07 -3.70	30.12 1.81 -4.19	28.04 2.03 0.00	30.47 2.06 -2.07	29.34 2.05 0.00	31.87 2.25 0.00	34.27 2.32 0.00	34.95 2.25 0.00	30.44 1.58 0.00
NEG CAPITAL___MECHNVIL 23645	28.24 1.20 0.00	26.04 1.06 0.00	23.07 0.94 0.00	22.62 0.90 0.00	23.01 0.96 0.00	27.89 1.25 0.00	35.36 1.82 0.00	32.33 1.83 0.00	32.39 1.84 0.00	32.99 1.93 0.00	39.30 2.41 0.00	34.54 2.07 0.00	38.64 2.20 0.00	54.77 3.37 0.00	35.69 2.19 0.00	33.76 1.88 -4.73	31.18 1.70 -5.36	27.81 1.80 0.00	30.80 1.82 -2.64	29.08 1.79 0.00	31.56 1.94 0.00	34.04 2.09 0.00	34.66 1.96 0.00	30.33 1.47 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.98 -0.06 0.00	24.89 -0.09 0.00	21.96 -0.16 0.00	21.60 -0.12 0.00	21.96 -0.09 0.00	26.65 0.01 0.00	33.38 -0.16 0.00	30.22 -0.28 0.00	30.25 -0.31 0.00	30.55 -0.52 0.00	36.14 -0.74 0.00	31.58 -0.89 0.00	35.59 -0.85 0.00	49.87 -1.52 0.00	32.53 -0.97 0.00	27.15 -0.88 -0.87	24.39 -0.72 -0.99	25.18 -0.84 0.00	26.03 -0.79 -0.49	26.61 -0.68 0.00	28.82 -0.80 0.00	30.93 -1.02 0.00	31.81 -0.89 0.00	28.25 -0.61 0.00
NEG CENTRAL___DRP 24199	27.64 0.60 0.00	25.52 0.54 0.00	22.56 0.44 0.00	22.19 0.46 0.00	22.57 0.52 0.00	27.35 0.71 0.00	34.37 0.83 0.00	31.26 0.75 0.00	31.29 0.74 0.00	31.68 0.61 0.00	37.54 0.66 0.00	32.90 0.43 0.00	37.09 0.65 0.00	51.93 0.53 0.00	33.89 0.38 0.00	28.26 0.18 -0.92	25.38 0.21 -1.05	26.23 0.22 0.00	27.15 0.29 -0.52	27.64 0.35 0.00	29.96 0.34 0.00	32.13 0.18 0.00	32.99 0.29 0.00	29.17 0.31 0.00
NEG CENTRAL___INDECK 23768	28.59 1.55 0.00	26.36 1.38 0.00	23.27 1.14 0.00	22.70 0.97 0.00	22.89 0.83 0.00	27.87 1.23 0.00	34.47 0.92 0.00	31.22 0.71 0.00	31.31 0.76 0.00	31.57 0.51 0.00	37.16 0.27 0.00	32.29 -0.18 0.00	36.35 -0.09 0.00	50.58 -0.81 0.00	33.03 -0.48 0.00	27.65 -0.56 -1.05	24.94 -0.37 -1.19	25.63 -0.39 0.00	26.70 -0.23 -0.59	27.24 -0.05 0.00	29.46 -0.16 0.00	31.49 -0.45 0.00	32.76 0.06 0.00	29.93 1.07 0.00
NEG CENTRAL___SENECA 23627	27.80 0.76 0.00	25.66 0.68 0.00	22.67 0.55 0.00	22.30 0.57 0.00	22.68 0.63 0.00	27.52 0.88 0.00	34.59 1.05 0.00	31.47 0.96 0.00	31.49 0.94 0.00	31.83 0.77 0.00	37.76 0.88 0.00	33.05 0.57 0.00	37.26 0.82 0.00	52.06 0.67 0.00	34.02 0.51 0.00	28.38 0.26 -0.97	25.50 0.28 -1.09	26.29 0.28 0.00	27.25 0.37 -0.54	27.74 0.45 0.00	30.09 0.47 0.00	32.19 0.24 0.00	33.08 0.38 0.00	29.24 0.38 0.00
NEG CENTRAL___STATE_STREET 24147	27.64 0.61 0.00	25.53 0.55 0.00	22.59 0.46 0.00	22.27 0.54 0.00	22.66 0.61 0.00	27.37 0.73 0.00	34.33 0.79 0.00	31.33 0.82 0.00	31.35 0.79 0.00	31.80 0.73 0.00	37.56 0.68 0.00	33.05 0.57 0.00	37.26 0.81 0.00	52.27 0.88 0.00	34.07 0.56 0.00	28.36 0.29 -0.92	25.53 0.37 -1.04	26.41 0.40 0.00	27.36 0.50 -0.51	27.76 0.47 0.00	30.08 0.46 0.00	32.36 0.41 0.00	33.19 0.49 0.00	29.30 0.44 0.00
NEG MILLWOOD___DRP 24198	28.35 1.31 0.00	26.13 1.16 0.00	23.13 1.01 0.00	22.69 0.96 0.00	23.05 0.99 0.00	27.94 1.30 0.00	35.45 1.91 0.00	32.43 1.92 0.00	32.52 1.96 0.00	33.15 2.08 0.00	39.46 2.57 0.00	34.78 2.31 0.00	39.08 2.63 0.00	55.30 3.91 0.00	36.11 2.60 0.00	33.08 2.17 -3.76	30.29 1.92 -4.26	28.15 2.14 0.00	30.61 2.18 -2.10	29.44 2.15 0.00	31.97 2.35 0.00	34.38 2.43 0.00	35.06 2.36 0.00	30.51 1.65 0.00



NEG NORTH_FLCN_SEA 23793	27.79 0.75 0.00	25.63 0.65 0.00	22.74 0.61 0.00	22.29 0.57 0.00	22.43 0.37 0.00	27.07 0.43 0.00	34.40 0.86 0.00	31.52 1.01 0.00	31.64 1.08 0.00	32.14 1.07 0.00	38.13 1.25 0.00	33.63 1.16 0.00	37.60 1.16 0.00	52.90 1.51 0.00	34.37 0.86 0.00	27.73 0.57 0.00	24.45 0.32 0.00	25.91 -0.10 0.00	26.17 -0.17 0.00	27.05 -0.24 0.00	29.03 -0.59 0.00	31.59 -0.35 0.00	32.36 -0.34 0.00	28.72 -0.14 0.00
NEG NORTH_KES_CHATEGAY 23792	27.44 0.40 0.00	25.34 0.36 0.00	22.50 0.38 0.00	22.11 0.39 0.00	22.25 0.20 0.00	26.78 0.14 0.00	34.02 0.48 0.00	31.13 0.62 0.00	31.23 0.67 0.00	31.73 0.66 0.00	37.64 0.76 0.00	33.23 0.76 0.00	37.20 0.75 0.00	52.37 0.98 0.00	34.11 0.60 0.00	27.51 0.35 0.00	24.27 0.15 0.00	25.85 -0.17 0.00	26.06 -0.28 0.00	26.95 -0.34 0.00	28.96 -0.66 0.00	31.52 -0.43 0.00	32.33 -0.37 0.00	28.69 -0.17 0.00
NEG NORTH___ALICE_FALLS 23915	27.77 0.73 0.00	25.62 0.64 0.00	22.73 0.61 0.00	22.30 0.58 0.00	22.46 0.40 0.00	27.22 0.58 0.00	34.65 1.11 0.00	31.80 1.29 0.00	31.92 1.37 0.00	32.43 1.37 0.00	38.48 1.59 0.00	33.93 1.46 0.00	37.94 1.50 0.00	53.15 1.76 0.00	34.49 0.99 0.00	27.81 0.66 0.00	24.55 0.43 0.00	26.07 0.05 0.00	26.33 -0.01 0.00	27.21 -0.08 0.00	29.20 -0.42 0.00	31.75 -0.19 0.00	32.52 -0.18 0.00	28.84 -0.02 0.00
NEG NORTH___LWR_SARANAC 23913	27.77 0.73 0.00	25.62 0.64 0.00	22.73 0.61 0.00	22.30 0.58 0.00	22.46 0.40 0.00	27.22 0.58 0.00	34.65 1.11 0.00	31.80 1.29 0.00	31.92 1.37 0.00	32.43 1.37 0.00	38.48 1.59 0.00	33.93 1.46 0.00	37.94 1.50 0.00	53.15 1.76 0.00	34.49 0.99 0.00	27.81 0.66 0.00	24.55 0.43 0.00	26.07 0.05 0.00	26.33 -0.01 0.00	27.21 -0.08 0.00	29.20 -0.42 0.00	31.75 -0.19 0.00	32.52 -0.18 0.00	28.84 -0.02 0.00
NEG NORTH___PLATTSBURG 23628	27.77 0.73 0.00	25.62 0.64 0.00	22.73 0.61 0.00	22.31 0.58 0.00	22.46 0.40 0.00	27.22 0.58 0.00	34.65 1.11 0.00	31.80 1.29 0.00	31.92 1.37 0.00	32.43 1.37 0.00	38.47 1.59 0.00	33.93 1.46 0.00	37.94 1.50 0.00	53.15 1.75 0.00	34.50 0.99 0.00	27.81 0.66 0.00	24.55 0.42 0.00	26.07 0.05 0.00	26.33 -0.01 0.00	27.21 -0.08 0.00	29.20 -0.42 0.00	31.75 -0.19 0.00	32.52 -0.18 0.00	28.84 -0.02 0.00
NEG WEST_LEA_LOCKPORT 23791	27.92 0.88 0.00	25.74 0.75 0.00	22.57 0.45 0.00	22.22 0.50 0.00	22.51 0.46 0.00	27.40 0.76 0.00	33.86 0.33 0.00	30.34 -0.17 0.00	30.32 -0.23 0.00	30.38 -0.69 0.00	35.73 -1.15 0.00	30.98 -1.49 0.00	35.06 -1.39 0.00	48.72 -2.67 0.00	31.87 -1.64 0.00	26.59 -1.53 -0.97	23.97 -1.25 -1.09	24.47 -1.54 0.00	25.35 -1.53 -0.54	26.08 -1.21 0.00	28.33 -1.30 0.00	30.37 -1.57 0.00	31.63 -1.06 0.00	28.24 -0.62 0.00
NEG WEST___LANCASTR 23811	28.56 1.52 0.00	26.34 1.36 0.00	23.14 1.02 0.00	22.79 1.07 0.00	23.13 1.07 0.00	28.15 1.51 0.00	35.07 1.53 0.00	31.64 1.14 0.00	31.65 1.09 0.00	31.83 0.77 0.00	37.48 0.60 0.00	32.59 0.12 0.00	36.94 0.50 0.00	51.45 0.06 0.00	33.54 0.03 0.00	27.94 -0.26 -1.04	25.14 -0.16 -1.18	25.70 -0.31 0.00	26.65 -0.27 -0.58	27.39 0.10 0.00	29.80 0.18 0.00	31.95 0.00 0.00	33.11 0.41 0.00	29.36 0.50 0.00
NEG_PENN_ALLEGHNY 23528	27.71 0.67 0.00	25.60 0.62 0.00	22.65 0.52 0.00	22.25 0.53 0.00	22.59 0.53 0.00	27.33 0.69 0.00	34.41 0.87 0.00	31.30 0.79 0.00	31.46 0.91 0.00	31.96 0.90 0.00	37.87 0.98 0.00	33.21 0.74 0.00	37.47 1.03 0.00	52.65 1.25 0.00	34.15 0.65 0.00	29.21 0.47 -1.59	26.36 0.44 -1.80	26.48 0.47 0.00	27.75 0.52 -0.89	27.90 0.61 0.00	30.30 0.68 0.00	32.48 0.53 0.00	33.32 0.62 0.00	29.33 0.47 0.00
NEG___GEN_MONROE 24207	28.11 1.07 0.00	25.94 0.96 0.00	22.84 0.72 0.00	22.44 0.71 0.00	22.77 0.72 0.00	27.75 1.11 0.00	34.65 1.10 0.00	31.13 0.62 0.00	31.18 0.62 0.00	31.33 0.27 0.00	36.96 0.08 0.00	32.22 -0.26 0.00	36.35 -0.09 0.00	50.80 -0.59 0.00	33.16 -0.35 0.00	27.64 -0.40 -0.88	24.85 -0.27 -1.00	25.63 -0.39 0.00	26.50 -0.33 -0.49	27.17 -0.12 0.00	29.47 -0.16 0.00	31.60 -0.35 0.00	32.59 -0.11 0.00	28.98 0.12 0.00
NEPA___ENERGY 23901	28.41 1.37 0.00	26.19 1.21 0.00	22.98 0.86 0.00	22.62 0.90 0.00	22.92 0.87 0.00	27.94 1.30 0.00	34.91 1.37 0.00	31.54 1.03 0.00	31.63 1.07 0.00	31.88 0.82 0.00	37.51 0.63 0.00	32.64 0.17 0.00	37.16 0.72 0.00	51.73 0.34 0.00	33.61 0.10 0.00	27.98 -0.23 -1.05	25.13 -0.19 -1.19	25.53 -0.49 0.00	26.53 -0.39 -0.59	27.31 0.02 0.00	29.89 0.26 0.00	31.92 -0.03 0.00	33.05 0.35 0.00	29.22 0.36 0.00
NEVERSINK___HYD 23608	27.93 0.89 0.00	25.75 0.77 0.00	22.80 0.67 0.00	22.37 0.64 0.00	22.70 0.65 0.00	27.50 0.86 0.00	34.93 1.39 0.00	31.98 1.47 0.00	32.06 1.50 0.00	32.66 1.60 0.00	38.82 1.94 0.00	34.20 1.73 0.00	38.47 2.02 0.00	54.90 3.51 0.00	35.84 2.33 0.00	32.28 1.89 -3.23	29.46 1.69 -3.66	27.94 1.93 0.00	30.14 2.00 -1.80	29.29 2.00 0.00	31.81 2.19 0.00	34.15 2.21 0.00	34.82 2.12 0.00	30.34 1.48 0.00
NEWKRMKL_115KV_TB1 55635	27.33 0.30 0.00	25.23 0.25 0.00	22.38 0.26 0.00	21.96 0.24 0.00	22.32 0.26 0.00	27.01 0.37 0.00	34.20 0.66 0.00	31.24 0.73 0.00	31.29 0.74 0.00	31.90 0.83 0.00	37.98 1.09 0.00	33.42 0.94 0.00	37.38 0.94 0.00	53.04 1.64 0.00	34.61 1.10 0.00	32.79 1.02 -4.62	30.26 0.91 -5.23	26.98 0.97 0.00	29.91 0.99 -2.58	28.21 0.92 0.00	30.62 1.00 0.00	33.02 1.07 0.00	33.63 0.93 0.00	29.43 0.57 0.00
NEWTON___FALLS_HYD 23847	26.99 -0.05 0.00	24.99 0.01 0.00	22.22 0.10 0.00	21.82 0.10 0.00	22.07 0.02 0.00	26.55 -0.09 0.00	33.66 0.12 0.00	30.65 0.14 0.00	30.69 0.14 0.00	31.17 0.11 0.00	36.93 0.04 0.00	32.52 0.05 0.00	36.31 -0.14 0.00	50.95 -0.44 0.00	33.07 -0.44 0.00	26.82 -0.55 -0.21	23.87 -0.49 -0.24	25.87 -0.15 0.00	26.37 -0.09 -0.12	27.15 -0.14 0.00	29.36 -0.26 0.00	31.90 -0.05 0.00	32.77 0.07 0.00	29.01 0.15 0.00
NGRID_A1_DSASP 323792	27.48 0.44 0.00	25.31 0.33 0.00	22.22 0.09 0.00	21.88 0.16 0.00	22.24 0.18 0.00	27.08 0.44 0.00	33.51 -0.03 0.00	30.04 -0.47 0.00	29.99 -0.56 0.00	29.95 -1.12 0.00	35.11 -1.78 0.00	30.44 -2.03 0.00	34.43 -2.01 0.00	47.81 -3.58 0.00	31.31 -2.20 0.00	26.16 -1.97 -0.97	23.60 -1.62 -1.10	24.04 -1.97 0.00	24.92 -1.96 -0.54	25.62 -1.67 0.00	27.85 -1.77 0.00	29.88 -2.06 0.00	31.07 -1.63 0.00	27.90 -0.96 0.00
NGRID_A2_DSASP 323793	27.48 0.44 0.00	25.31 0.33 0.00	22.22 0.09 0.00	21.88 0.16 0.00	22.24 0.18 0.00	27.08 0.44 0.00	33.51 -0.03 0.00	30.04 -0.47 0.00	29.99 -0.56 0.00	29.95 -1.12 0.00	35.11 -1.78 0.00	30.44 -2.03 0.00	34.43 -2.01 0.00	47.81 -3.58 0.00	31.31 -2.20 0.00	26.16 -1.97 -0.97	23.60 -1.62 -1.10	24.04 -1.97 0.00	24.92 -1.96 -0.54	25.62 -1.67 0.00	27.85 -1.77 0.00	29.88 -2.06 0.00	31.07 -1.63 0.00	27.90 -0.96 0.00



NGRID_A4_DSASP 323807	27.48 0.44 0.00	25.31 0.33 0.00	22.22 0.09 0.00	21.88 0.16 0.00	22.24 0.18 0.00	27.08 0.44 0.00	33.51 -0.03 0.00	30.04 -0.47 0.00	29.99 -0.56 0.00	29.95 -1.12 0.00	35.11 -1.78 0.00	30.44 -2.03 0.00	34.43 -2.01 0.00	47.81 -3.58 0.00	31.31 -2.20 0.00	26.16 -1.97 -0.97	23.60 -1.62 -1.10	24.04 -1.97 0.00	24.92 -1.96 -0.54	25.62 -1.67 0.00	27.85 -1.77 0.00	29.88 -2.06 0.00	31.07 -1.63 0.00	27.90 -0.96 0.00
NIAGARA_115E_LBMP 323715	27.58 0.54 0.00	25.42 0.43 0.00	22.29 0.16 0.00	21.96 0.23 0.00	22.30 0.25 0.00	27.20 0.56 0.00	33.52 -0.02 0.00	29.94 -0.57 0.00	29.91 -0.64 0.00	29.95 -1.12 0.00	35.22 -1.66 0.00	30.54 -1.93 0.00	34.55 -1.89 0.00	47.98 -3.41 0.00	31.42 -2.09 0.00	26.25 -1.88 -0.97	23.67 -1.56 -1.10	24.13 -1.89 0.00	25.01 -1.88 -0.54	25.71 -1.59 0.00	27.93 -1.69 0.00	29.96 -1.99 0.00	31.18 -1.52 0.00	27.88 -0.98 0.00
NIAGARA_115W_LBMP 323714	27.42 0.38 0.00	25.26 0.27 0.00	22.17 0.05 0.00	21.84 0.11 0.00	22.19 0.14 0.00	27.03 0.39 0.00	33.42 -0.12 0.00	29.97 -0.53 0.00	29.93 -0.63 0.00	29.87 -1.20 0.00	35.02 -1.87 0.00	30.35 -2.12 0.00	34.34 -2.11 0.00	47.68 -3.71 0.00	31.23 -2.28 0.00	26.09 -2.03 -0.97	23.55 -1.68 -1.10	23.98 -2.03 0.00	24.85 -2.03 -0.54	25.55 -1.74 0.00	27.77 -1.85 0.00	29.79 -2.15 0.00	30.99 -1.71 0.00	27.84 -1.02 0.00
NIAGARA_230_LBMP 323716	27.58 0.55 0.00	25.42 0.44 0.00	22.32 0.20 0.00	21.98 0.25 0.00	22.33 0.28 0.00	27.20 0.56 0.00	33.66 0.12 0.00	30.21 -0.30 0.00	30.16 -0.40 0.00	30.20 -0.86 0.00	35.51 -1.37 0.00	30.80 -1.68 0.00	34.85 -1.60 0.00	48.45 -2.95 0.00	31.69 -1.82 0.00	26.45 -1.67 -0.97	23.85 -1.37 -1.09	24.35 -1.67 0.00	25.23 -1.65 -0.54	25.94 -1.35 0.00	28.18 -1.44 0.00	30.26 -1.68 0.00	31.42 -1.28 0.00	28.09 -0.77 0.00
NIAGARA__115KV_198_GIBSON 55903	27.42 0.38 0.00	25.25 0.27 0.00	22.18 0.05 0.00	21.84 0.12 0.00	22.19 0.13 0.00	27.03 0.39 0.00	33.43 -0.11 0.00	29.97 -0.53 0.00	29.93 -0.62 0.00	29.87 -1.19 0.00	35.01 -1.87 0.00	30.35 -2.12 0.00	34.34 -2.11 0.00	47.68 -3.72 0.00	31.23 -2.28 0.00	26.10 -2.03 -0.97	23.55 -1.68 -1.10	23.97 -2.04 0.00	24.84 -2.04 -0.54	25.55 -1.74 0.00	27.77 -1.86 0.00	29.79 -2.15 0.00	31.01 -1.69 0.00	27.84 -1.02 0.00
NIAGARA____ 23760	27.58 0.55 0.00	25.42 0.44 0.00	22.32 0.20 0.00	21.98 0.25 0.00	22.33 0.28 0.00	27.20 0.56 0.00	33.66 0.12 0.00	30.21 -0.30 0.00	30.16 -0.40 0.00	30.20 -0.86 0.00	35.51 -1.37 0.00	30.80 -1.68 0.00	34.85 -1.60 0.00	48.45 -2.95 0.00	31.69 -1.82 0.00	26.46 -1.67 -0.97	23.85 -1.37 -1.10	24.35 -1.67 0.00	25.23 -1.65 -0.54	25.94 -1.35 0.00	28.18 -1.44 0.00	30.26 -1.68 0.00	31.42 -1.28 0.00	28.09 -0.77 0.00
NINE_MILE_1 23575	26.51 -0.52 0.00	24.49 -0.49 0.00	21.68 -0.45 0.00	21.29 -0.43 0.00	21.63 -0.43 0.00	26.10 -0.54 0.00	32.66 -0.88 0.00	29.57 -0.93 0.00	29.62 -0.93 0.00	30.07 -0.99 0.00	35.68 -1.20 0.00	31.36 -1.12 0.00	35.23 -1.22 0.00	49.59 -1.80 0.00	32.32 -1.19 0.00	26.72 -0.99 -0.56	23.90 -0.85 -0.63	25.09 -0.93 0.00	25.74 -0.91 -0.31	26.38 -0.91 0.00	28.62 -1.00 0.00	30.82 -1.13 0.00	31.63 -1.07 0.00	28.14 -0.72 0.00
NINE_MILE_2 23744	26.51 -0.52 0.00	24.49 -0.49 0.00	21.68 -0.45 0.00	21.29 -0.43 0.00	21.63 -0.43 0.00	26.10 -0.54 0.00	32.66 -0.88 0.00	29.57 -0.94 0.00	29.62 -0.93 0.00	30.07 -0.99 0.00	35.68 -1.20 0.00	31.36 -1.12 0.00	35.23 -1.22 0.00	49.59 -1.80 0.00	32.32 -1.19 0.00	26.72 -0.99 -0.55	23.90 -0.85 -0.63	25.09 -0.93 0.00	25.74 -0.91 -0.31	26.37 -0.91 0.00	28.62 -1.00 0.00	30.82 -1.13 0.00	31.63 -1.07 0.00	28.14 -0.72 0.00
NM_CAPITAL____DRP 24208	27.43 0.39 0.00	25.31 0.33 0.00	22.45 0.32 0.00	22.03 0.30 0.00	22.39 0.34 0.00	27.10 0.46 0.00	34.30 0.76 0.00	31.33 0.83 0.00	31.38 0.82 0.00	31.98 0.92 0.00	38.08 1.20 0.00	33.50 1.03 0.00	37.46 1.02 0.00	53.18 1.79 0.00	34.70 1.20 0.00	32.86 1.10 -4.60	30.31 0.97 -5.21	27.04 1.03 0.00	29.98 1.06 -2.57	28.28 0.99 0.00	30.71 1.08 0.00	33.12 1.17 0.00	33.74 1.04 0.00	29.53 0.67 0.00
NM_CENTRAL____DRP 24181	27.10 0.07 0.00	25.04 0.06 0.00	22.15 0.03 0.00	21.76 0.04 0.00	22.11 0.06 0.00	26.72 0.07 0.00	33.51 -0.03 0.00	30.39 -0.12 0.00	30.46 -0.09 0.00	30.91 -0.15 0.00	36.68 -0.20 0.00	32.21 -0.26 0.00	36.21 -0.23 0.00	50.92 -0.48 0.00	33.16 -0.34 0.00	27.60 -0.31 -0.75	24.72 -0.25 -0.85	25.74 -0.27 0.00	26.52 -0.24 -0.42	27.08 -0.21 0.00	29.37 -0.25 0.00	31.61 -0.34 0.00	32.48 -0.22 0.00	28.80 -0.06 0.00
NM_FRONTIER____DRP 24179	27.42 0.38 0.00	25.25 0.27 0.00	22.18 0.05 0.00	21.84 0.12 0.00	22.19 0.13 0.00	27.03 0.39 0.00	33.43 -0.11 0.00	29.97 -0.53 0.00	29.93 -0.62 0.00	29.87 -1.19 0.00	35.01 -1.87 0.00	30.35 -2.12 0.00	34.34 -2.11 0.00	47.68 -3.72 0.00	31.23 -2.28 0.00	26.10 -2.03 -0.97	23.55 -1.68 -1.10	23.97 -2.04 0.00	24.84 -2.04 -0.54	25.55 -1.74 0.00	27.77 -1.86 0.00	29.79 -2.15 0.00	31.01 -1.69 0.00	27.84 -1.02 0.00
NM_ST_REGIS____HYD 24053	27.14 0.10 0.00	25.09 0.11 0.00	22.25 0.12 0.00	21.86 0.13 0.00	22.01 -0.04 0.00	26.37 -0.27 0.00	33.46 -0.08 0.00	30.50 0.00 0.00	30.54 -0.01 0.00	31.01 -0.05 0.00	36.75 -0.13 0.00	32.46 -0.01 0.00	36.34 -0.11 0.00	51.04 -0.36 0.00	33.27 -0.24 0.00	26.91 -0.36 -0.11	23.86 -0.38 -0.12	25.64 -0.38 0.00	25.97 -0.43 -0.06	26.80 -0.49 0.00	28.96 -0.66 0.00	31.59 -0.36 0.00	32.57 -0.13 0.00	28.92 0.06 0.00
NORTHPORT____1 23551	28.54 1.50 0.00	26.20 1.21 0.00	23.17 1.05 0.00	22.72 1.00 0.00	22.99 0.94 0.00	27.91 1.26 0.00	35.53 1.99 0.00	32.22 1.71 0.00	32.16 1.61 0.00	32.77 1.71 0.00	39.52 2.64 0.00	35.07 2.60 0.00	39.32 2.88 0.00	55.30 3.91 0.00	36.47 2.96 0.00	33.37 2.48 -3.73	30.47 2.12 -4.23	28.18 2.17 0.00	30.52 2.10 -2.09	29.16 1.87 0.00	31.66 2.04 0.00	34.11 2.16 0.00	34.91 2.21 0.00	30.39 1.53 0.00
NORTHPORT____2 23552	28.54 1.50 0.00	26.20 1.21 0.00	23.17 1.05 0.00	22.72 1.00 0.00	22.99 0.94 0.00	27.91 1.26 0.00	35.53 1.99 0.00	32.22 1.71 0.00	32.16 1.61 0.00	32.77 1.71 0.00	39.52 2.64 0.00	35.07 2.60 0.00	39.32 2.88 0.00	55.30 3.91 0.00	36.47 2.96 0.00	33.37 2.48 -3.73	30.47 2.12 -4.23	28.18 2.17 0.00	30.52 2.10 -2.09	29.16 1.87 0.00	31.66 2.04 0.00	34.11 2.16 0.00	34.91 2.21 0.00	30.39 1.53 0.00
NORTHPORT____3 23553	28.30 1.26 0.00	25.99 1.01 0.00	22.98 0.86 0.00	22.47 0.69 -0.07	22.82 0.77 0.00	27.71 1.07 0.00	35.28 1.74 0.00	32.09 1.59 0.00	32.05 1.49 0.00	32.64 1.57 0.00	39.27 2.39 0.00	34.79 2.32 0.00	39.04 2.60 0.00	55.02 3.62 0.00	36.19 2.68 0.00	33.14 2.26 -3.73	30.30 1.95 -4.23	28.06 2.05 0.00	30.42 1.99 -2.09	29.08 1.79 0.00	31.56 1.94 0.00	33.99 2.05 0.00	34.74 2.03 0.00	30.25 1.39 0.00



NORTHPORT___4 23650	28.30 1.26 0.00	25.99 1.01 0.00	22.98 0.86 0.00	22.47 0.69 -0.07	22.82 0.77 0.00	27.71 1.07 0.00	35.28 1.74 0.00	32.09 1.59 0.00	32.05 1.49 0.00	32.64 1.57 0.00	39.27 2.39 0.00	34.79 2.32 0.00	39.04 2.60 0.00	55.02 3.62 0.00	36.19 2.68 0.00	33.14 2.26 -3.73	30.30 1.95 -4.23	28.06 2.05 0.00	30.42 1.99 -2.09	29.08 1.79 0.00	31.56 1.94 0.00	33.99 2.05 0.00	34.74 2.03 0.00	30.25 1.39 0.00
NORTHPORT___IC 23718	28.54 1.50 0.00	26.20 1.21 0.00	23.17 1.05 0.00	22.72 1.00 0.00	22.99 0.94 0.00	27.91 1.26 0.00	35.53 1.99 0.00	32.22 1.71 0.00	32.16 1.61 0.00	32.77 1.71 0.00	39.52 2.64 0.00	35.07 2.60 0.00	39.32 2.88 0.00	55.30 3.91 0.00	36.47 2.96 0.00	33.37 2.48 -3.73	30.47 2.12 -4.23	28.18 2.17 0.00	30.52 2.10 -2.09	29.16 1.87 0.00	31.66 2.04 0.00	34.11 2.16 0.00	34.91 2.21 0.00	30.39 1.53 0.00
NORTH___COUNTRY_ESR 323785	27.35 0.31 0.00	25.25 0.27 0.00	22.43 0.31 0.00	22.04 0.31 0.00	22.18 0.12 0.00	26.79 0.14 0.00	34.02 0.48 0.00	31.13 0.63 0.00	31.23 0.67 0.00	31.73 0.66 0.00	37.64 0.76 0.00	33.23 0.76 0.00	37.20 0.75 0.00	52.26 0.86 0.00	33.98 0.47 0.00	27.41 0.25 0.00	24.17 0.05 0.00	25.74 -0.27 0.00	25.95 -0.39 0.00	26.82 -0.47 0.00	28.82 -0.81 0.00	31.37 -0.57 0.00	32.18 -0.52 0.00	28.58 -0.28 0.00
NPX_GEN_1385_PROXY 323591	28.54 1.50 0.00	26.20 1.21 0.00	23.17 1.05 0.00	22.72 1.00 0.00	22.99 0.94 0.00	27.91 1.26 0.00	35.53 1.99 0.00	35.60 1.71 -3.38	32.16 1.61 0.00	32.77 1.71 0.00	39.52 2.64 0.00	35.07 2.60 0.00	39.32 2.88 0.00	55.30 3.91 0.00	36.47 2.96 0.00	33.37 2.48 -3.73	30.47 2.12 -4.23	28.18 2.17 0.00	30.52 2.10 -2.09	29.16 1.87 0.00	31.66 2.04 0.00	34.11 2.16 0.00	34.91 2.21 0.00	30.38 1.52 0.00
NPX_GEN_CSC 323557	28.48 1.45 0.00	25.82 0.84 0.00	22.83 0.71 0.00	20.91 0.68 1.50	22.79 0.75 0.01	27.73 1.09 0.00	35.52 1.98 0.00	35.66 1.77 -3.38	32.54 1.99 0.00	33.08 2.02 0.00	39.89 3.01 0.00	35.56 3.09 0.00	39.68 3.24 0.00	55.60 4.21 0.00	36.88 3.37 0.00	33.62 2.73 -3.73	30.77 2.42 -4.23	28.74 2.73 0.00	31.07 2.64 -2.09	29.51 2.22 0.00	32.13 2.51 0.00	34.45 2.50 0.00	34.98 2.28 0.00	30.58 1.72 0.00
NSINS_S_GLNS_FALLS 23858	28.43 1.39 0.00	26.15 1.17 0.00	23.14 1.02 0.00	22.70 0.98 0.00	23.12 1.07 0.00	28.09 1.45 0.00	35.67 2.13 0.00	32.65 2.14 0.00	32.76 2.20 0.00	33.38 2.32 0.00	39.80 2.91 0.00	34.96 2.49 0.00	39.03 2.59 0.00	55.30 3.90 0.00	36.00 2.50 0.00	34.02 2.11 -4.76	31.45 1.94 -5.39	27.98 1.96 0.00	30.99 1.99 -2.66	29.24 1.95 0.00	31.74 2.12 0.00	34.33 2.38 0.00	34.90 2.20 0.00	30.44 1.58 0.00
NUCOR_STEEL___DRP 24197	27.61 0.58 0.00	25.50 0.51 0.00	22.56 0.43 0.00	22.25 0.52 0.00	22.65 0.60 0.00	27.33 0.69 0.00	34.27 0.73 0.00	31.29 0.78 0.00	31.30 0.75 0.00	31.76 0.70 0.00	37.50 0.61 0.00	33.01 0.54 0.00	37.22 0.77 0.00	52.23 0.84 0.00	34.03 0.52 0.00	28.32 0.26 -0.90	25.48 0.34 -1.02	26.40 0.38 0.00	27.33 0.48 -0.50	27.72 0.43 0.00	30.04 0.42 0.00	32.33 0.39 0.00	33.17 0.47 0.00	29.28 0.42 0.00
NUMBER_THREE_WT_PWR 323818	27.21 0.18 0.00	25.25 0.26 0.00	22.55 0.42 0.00	22.14 0.42 0.00	22.48 0.42 0.00	27.18 0.54 0.00	34.46 0.91 0.00	31.39 0.88 0.00	31.48 0.92 0.00	31.98 0.92 0.00	37.88 1.00 0.00	33.30 0.83 0.00	37.11 0.67 0.00	52.09 0.70 0.00	33.72 0.21 0.00	27.43 0.00 -0.28	24.42 -0.02 -0.31	26.51 0.50 0.00	27.13 0.63 -0.15	27.89 0.61 0.00	30.12 0.50 0.00	32.63 0.69 0.00	33.34 0.64 0.00	29.42 0.56 0.00
NYISO_LBMP_REFERENCE 24008	27.04 0.00 0.00	24.98 0.00 0.00	22.12 0.00 0.00	21.72 0.00 0.00	22.05 0.00 0.00	26.64 0.00 0.00	33.54 0.00 0.00	30.51 0.00 0.00	30.55 0.00 0.00	31.06 0.00 0.00	36.88 0.00 0.00	32.47 0.00 0.00	36.44 0.00 0.00	51.39 0.00 0.00	33.51 0.00 0.00	27.16 0.00 0.00	24.12 0.00 0.00	26.01 0.00 0.00	26.34 0.00 0.00	27.29 0.00 0.00	29.62 0.00 0.00	31.95 0.00 0.00	32.70 0.00 0.00	28.86 0.00 0.00
NYPA_BRENTWD___GT 24164	28.73 1.69 0.00	26.30 1.32 0.00	23.26 1.13 0.00	22.65 1.07 0.14	23.12 1.07 0.00	28.09 1.45 0.00	35.87 2.32 0.00	32.61 2.10 0.00	32.65 2.09 0.00	33.24 2.18 0.00	40.06 3.17 0.00	35.54 3.06 0.00	39.83 3.38 0.00	56.01 4.61 0.00	36.95 3.44 0.00	33.74 2.85 -3.73	30.81 2.46 -4.23	28.56 2.54 0.00	30.91 2.49 -2.09	29.52 2.24 0.00	32.07 2.45 0.00	34.60 2.65 0.00	35.32 2.62 0.00	30.75 1.89 0.00
NYPA_GOWANUS___GT5 24156	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.86 1.79 0.00	39.08 2.19 0.00	34.52 2.05 0.00	38.73 2.28 0.00	54.89 3.50 0.00	35.87 2.37 0.00	32.91 2.02 -3.74	30.11 1.76 -4.23	28.06 2.04 0.00	30.39 1.97 -2.09	29.22 1.93 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NYPA_GOWANUS___GT6 24157	28.32 1.28 0.00	26.09 1.11 0.00	23.04 0.91 0.00	22.56 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.61 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.86 1.79 0.00	39.08 2.19 0.00	34.52 2.05 0.00	38.73 2.28 0.00	54.89 3.50 0.00	35.87 2.37 0.00	32.91 2.02 -3.74	30.11 1.76 -4.23	28.06 2.04 0.00	30.39 1.97 -2.09	29.22 1.93 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.07 2.36 0.00	30.45 1.59 0.00
NYPA_HARLEM__RVR_GT1 24160	28.27 1.22 -0.01	21.71 1.02 4.29	18.64 0.81 4.29	22.45 0.72 0.00	22.78 0.73 0.00	27.61 0.98 0.00	35.04 1.50 0.00	32.10 1.59 0.00	32.14 1.58 0.00	32.75 1.69 0.00	38.93 2.05 0.00	34.36 1.89 0.00	38.59 2.14 0.00	54.68 3.28 0.00	35.76 2.25 0.00	32.80 1.91 -3.74	30.01 1.66 -4.23	27.89 1.87 0.00	30.24 1.82 -2.09	29.07 1.78 0.00	31.63 2.01 0.00	34.11 2.17 0.00	34.85 2.15 0.00	30.27 1.41 0.00
NYPA_HARLEM__RVR_GT2 24161	28.27 1.22 -0.01	21.71 1.02 4.29	18.64 0.81 4.29	22.45 0.72 0.00	22.78 0.73 0.00	27.61 0.98 0.00	35.04 1.50 0.00	32.10 1.59 0.00	32.14 1.58 0.00	32.75 1.69 0.00	38.93 2.05 0.00	34.36 1.89 0.00	38.59 2.14 0.00	54.68 3.28 0.00	35.76 2.25 0.00	32.80 1.91 -3.74	30.01 1.66 -4.23	27.89 1.87 0.00	30.24 1.82 -2.09	29.07 1.78 0.00	31.63 2.01 0.00	34.11 2.17 0.00	34.85 2.15 0.00	30.27 1.41 0.00
NYPA_KENT___GT 24152	28.29 1.25 0.00	26.05 1.07 0.00	23.00 0.88 0.00	22.53 0.81 0.00	22.87 0.82 0.00	27.72 1.08 0.00	35.12 1.58 0.00	32.15 1.65 0.00	32.22 1.67 0.00	32.85 1.79 0.00	39.08 2.20 0.00	34.51 2.04 0.00	38.71 2.26 0.00	54.86 3.46 0.00	35.85 2.34 0.00	32.89 2.00 -3.74	30.09 1.73 -4.23	28.01 2.00 0.00	30.36 1.93 -2.09	29.18 1.89 0.00	31.76 2.14 0.00	34.22 2.27 0.00	34.99 2.29 0.00	30.39 1.53 0.00



NYPA_POUCH1____GT 24155	28.34 1.31 0.00	26.12 1.14 0.00	23.07 0.94 0.00	22.59 0.87 0.00	22.94 0.88 0.00	27.78 1.14 0.00	35.18 1.64 0.00	32.17 1.66 0.00	32.23 1.68 0.00	32.86 1.79 0.00	39.07 2.18 0.00	34.51 2.04 0.00	38.72 2.27 0.00	54.88 3.48 0.00	35.86 2.35 0.00	32.90 2.01 -3.74	30.11 1.76 -4.23	28.07 2.05 0.00	30.40 1.97 -2.09	29.22 1.93 0.00	31.82 2.20 0.00	34.33 2.38 0.00	35.10 2.40 0.00	30.49 1.63 0.00
NYPA_VERNON____GT2 24162	28.25 1.22 0.00	26.02 1.04 0.00	22.97 0.85 0.00	22.49 0.77 0.00	22.84 0.79 0.00	27.68 1.04 0.00	35.10 1.56 0.00	32.13 1.62 0.00	32.20 1.65 0.00	32.84 1.78 0.00	39.08 2.20 0.00	34.50 2.03 0.00	38.72 2.27 0.00	54.85 3.46 0.00	35.86 2.35 0.00	32.89 2.01 -3.74	30.09 1.74 -4.23	27.99 1.97 0.00	30.35 1.92 -2.09	29.16 1.87 0.00	31.71 2.09 0.00	34.16 2.22 0.00	34.92 2.21 0.00	30.34 1.48 0.00
NYPA_VERNON____GT3 24163	28.25 1.22 0.00	26.02 1.04 0.00	22.97 0.85 0.00	22.49 0.77 0.00	22.84 0.79 0.00	27.68 1.04 0.00	35.10 1.56 0.00	32.13 1.62 0.00	32.20 1.65 0.00	32.84 1.78 0.00	39.08 2.20 0.00	34.50 2.03 0.00	38.72 2.27 0.00	54.85 3.46 0.00	35.86 2.35 0.00	32.89 2.01 -3.74	30.09 1.74 -4.23	27.99 1.97 0.00	30.35 1.92 -2.09	29.16 1.87 0.00	31.71 2.09 0.00	34.16 2.22 0.00	34.92 2.21 0.00	30.34 1.48 0.00
NYPA____ASTORIA_CC1 323568	28.23 1.19 0.00	26.00 1.01 0.00	22.95 0.82 0.00	22.47 0.75 0.00	22.81 0.76 0.00	27.64 1.01 0.00	35.06 1.52 0.00	32.09 1.58 0.00	32.16 1.60 0.00	32.80 1.73 0.00	39.02 2.14 0.00	34.45 1.98 0.00	38.67 2.22 0.00	54.78 3.38 0.00	35.81 2.30 0.00	32.85 1.96 -3.74	30.05 1.70 -4.23	27.95 1.94 0.00	30.30 1.88 -2.09	29.11 1.83 0.00	31.66 2.04 0.00	34.12 2.17 0.00	34.87 2.17 0.00	30.30 1.45 0.00
NYPA____ASTORIA_CC2 323569	28.23 1.19 0.00	26.00 1.01 0.00	22.95 0.82 0.00	22.47 0.75 0.00	22.81 0.76 0.00	27.64 1.01 0.00	35.06 1.52 0.00	32.09 1.58 0.00	32.16 1.60 0.00	32.80 1.73 0.00	39.02 2.14 0.00	34.45 1.98 0.00	38.67 2.22 0.00	54.78 3.38 0.00	35.81 2.30 0.00	32.85 1.96 -3.74	30.05 1.70 -4.23	27.95 1.94 0.00	30.30 1.88 -2.09	29.11 1.83 0.00	31.66 2.04 0.00	34.12 2.17 0.00	34.87 2.17 0.00	30.30 1.45 0.00
NYPA____HOLTSVILL 23794	28.52 1.48 0.00	25.92 0.93 0.00	22.92 0.79 0.00	20.99 0.77 1.50	22.86 0.82 0.01	27.82 1.18 0.00	35.67 2.13 0.00	32.40 1.90 0.00	32.58 2.02 0.00	33.14 2.08 0.00	40.04 3.16 0.00	35.65 3.18 0.00	39.83 3.39 0.00	55.84 4.45 0.00	36.99 3.48 0.00	33.71 2.82 -3.73	30.84 2.49 -4.23	28.74 2.73 0.00	31.05 2.62 -2.09	29.56 2.27 0.00	32.13 2.51 0.00	34.49 2.54 0.00	35.12 2.42 0.00	30.67 1.81 0.00
NYPA____HELLGATE_GT1 24158	28.27 1.22 -0.01	30.31 1.02 -4.31	27.24 0.81 -4.31	22.45 0.72 0.00	22.78 0.73 0.00	27.61 0.97 0.01	35.01 1.48 0.01	32.07 1.57 0.01	32.11 1.56 0.01	32.72 1.66 0.01	38.89 2.02 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.73 2.23 0.00	32.78 1.89 -3.74	29.99 1.64 -4.23	27.87 1.86 0.00	30.22 1.79 -2.09	29.04 1.76 0.00	31.60 1.98 0.00	34.10 2.16 0.00	34.85 2.15 0.00	30.27 1.41 0.00
NYPA____HELLGATE_GT2 24159	28.27 1.22 -0.01	30.31 1.02 -4.31	27.24 0.81 -4.31	22.45 0.72 0.00	22.78 0.73 0.00	27.61 0.97 0.01	35.01 1.48 0.01	32.07 1.57 0.01	32.11 1.56 0.01	32.72 1.66 0.01	38.89 2.02 0.01	34.35 1.87 0.00	38.56 2.12 0.00	54.63 3.24 0.00	35.73 2.23 0.00	32.78 1.89 -3.74	29.99 1.64 -4.23	27.87 1.86 0.00	30.22 1.79 -2.09	29.04 1.76 0.00	31.60 1.98 0.00	34.10 2.16 0.00	34.85 2.15 0.00	30.27 1.41 0.00
NYS_BARGE____HYD 23848	27.93 0.89 0.00	25.74 0.76 0.00	22.58 0.45 0.00	22.23 0.51 0.00	22.55 0.49 0.00	27.47 0.83 0.00	33.94 0.40 0.00	30.41 -0.10 0.00	30.39 -0.16 0.00	30.46 -0.61 0.00	35.82 -1.07 0.00	31.06 -1.41 0.00	35.15 -1.30 0.00	48.83 -2.56 0.00	31.95 -1.56 0.00	26.66 -1.45 -0.96	24.03 -1.18 -1.09	24.55 -1.47 0.00	25.43 -1.45 -0.54	26.16 -1.13 0.00	28.40 -1.22 0.00	30.45 -1.49 0.00	31.67 -1.03 0.00	28.29 -0.57 0.00
OAK ORCHARD____HYD 24046	27.66 0.62 0.00	25.50 0.52 0.00	22.46 0.34 0.00	22.09 0.37 0.00	22.45 0.39 0.00	27.29 0.65 0.00	34.05 0.51 0.00	30.79 0.29 0.00	30.81 0.26 0.00	31.07 0.01 0.00	36.70 -0.19 0.00	32.01 -0.47 0.00	36.10 -0.34 0.00	50.50 -0.90 0.00	32.96 -0.55 0.00	27.48 -0.56 -0.88	24.70 -0.42 -1.00	25.47 -0.54 0.00	26.34 -0.50 -0.49	26.98 -0.31 0.00	29.26 -0.37 0.00	31.40 -0.55 0.00	32.36 -0.34 0.00	28.78 -0.07 0.00
OAKDALE__35_KV_LOAD 356122	27.62 0.59 0.00	25.53 0.55 0.00	22.58 0.46 0.00	22.19 0.47 0.00	22.52 0.47 0.00	27.25 0.61 0.00	34.29 0.75 0.00	31.18 0.68 0.00	31.35 0.80 0.00	31.85 0.78 0.00	37.74 0.86 0.00	33.12 0.65 0.00	37.36 0.91 0.00	52.50 1.11 0.00	34.06 0.55 0.00	29.12 0.39 -1.58	26.28 0.36 -1.79	26.40 0.39 0.00	27.66 0.44 -0.88	27.80 0.51 0.00	30.21 0.59 0.00	32.39 0.45 0.00	33.24 0.54 0.00	29.25 0.39 0.00
OCC_CHEM____DRP 24175	27.48 0.44 0.00	25.30 0.32 0.00	22.22 0.10 0.00	21.89 0.16 0.00	22.24 0.18 0.00	27.08 0.44 0.00	33.51 -0.03 0.00	30.04 -0.47 0.00	30.00 -0.56 0.00	29.95 -1.11 0.00	35.10 -1.78 0.00	30.44 -2.03 0.00	34.43 -2.01 0.00	47.81 -3.58 0.00	31.31 -2.20 0.00	26.16 -1.97 -0.97	23.60 -1.62 -1.10	24.04 -1.97 0.00	24.91 -1.97 -0.54	25.62 -1.67 0.00	27.85 -1.77 0.00	29.88 -2.06 0.00	31.09 -1.61 0.00	27.90 -0.96 0.00
OH_GEN_PROXY 24063	27.57 0.54 0.00	25.41 0.43 0.00	22.31 0.19 0.00	21.97 0.25 0.00	22.33 0.27 0.00	27.18 0.54 0.00	33.68 0.14 0.00	50.43 -0.23 -20.16	30.22 -0.34 0.00	30.30 -0.77 0.00	59.48 -1.24 -23.84	30.91 -1.56 0.00	34.98 -1.47 0.00	48.66 -2.73 0.00	31.81 -1.70 0.00	26.55 -1.57 -0.96	23.92 -1.29 -1.09	24.44 -1.58 0.00	25.33 -1.55 -0.54	26.04 -1.25 0.00	28.29 -1.33 0.00	41.49 -1.56 -11.11	31.53 -1.17 0.00	28.14 -0.72 0.00
OLIN_CORP_DRP 24177	27.60 0.56 0.00	25.44 0.46 0.00	22.31 0.18 0.00	21.98 0.25 0.00	22.32 0.27 0.00	27.23 0.59 0.00	33.59 0.05 0.00	30.02 -0.49 0.00	29.99 -0.56 0.00	30.02 -1.05 0.00	35.30 -1.59 0.00	30.61 -1.86 0.00	34.63 -1.82 0.00	48.10 -3.29 0.00	31.50 -2.02 0.00	26.31 -1.82 -0.98	23.72 -1.51 -1.11	24.18 -1.83 0.00	25.05 -1.83 -0.55	25.77 -1.52 0.00	28.00 -1.62 0.00	30.04 -1.91 0.00	31.26 -1.44 0.00	27.93 -0.93 0.00
OLIN_CORP_DSASP 323712	27.48 0.44 0.00	25.31 0.33 0.00	22.22 0.09 0.00	21.88 0.16 0.00	22.24 0.18 0.00	27.08 0.44 0.00	33.51 -0.03 0.00	30.04 -0.47 0.00	29.99 -0.56 0.00	29.95 -1.12 0.00	35.11 -1.78 0.00	30.44 -2.03 0.00	34.43 -2.01 0.00	47.81 -3.58 0.00	31.31 -2.20 0.00	26.16 -1.97 -0.97	23.60 -1.62 -1.10	24.04 -1.97 0.00	24.92 -1.96 -0.54	25.62 -1.67 0.00	27.85 -1.77 0.00	29.88 -2.06 0.00	31.07 -1.63 0.00	27.90 -0.96 0.00



ONEIDA_HERK_LFGE 323681	27.52 0.48 0.00	25.46 0.48 0.00	22.63 0.51 0.00	22.23 0.50 0.00	22.57 0.52 0.00	27.33 0.69 0.00	34.59 1.05 0.00	31.53 1.02 0.00	31.62 1.06 0.00	32.13 1.07 0.00	38.12 1.23 0.00	33.51 1.04 0.00	37.47 1.03 0.00	52.73 1.34 0.00	34.26 0.75 0.00	27.92 0.54 -0.23	24.85 0.47 -0.26	26.77 0.76 0.00	27.32 0.85 -0.13	28.15 0.86 0.00	30.47 0.85 0.00	32.87 0.92 0.00	33.57 0.87 0.00	29.58 0.72 0.00
ONEIDA___115KV_TB4 55905	27.86 0.83 0.00	25.76 0.78 0.00	22.83 0.71 0.00	22.44 0.72 0.00	22.80 0.75 0.00	27.63 0.99 0.00	34.96 1.42 0.00	31.87 1.37 0.00	31.98 1.43 0.00	32.50 1.44 0.00	38.53 1.65 0.00	33.86 1.39 0.00	37.96 1.52 0.00	53.43 2.04 0.00	34.76 1.25 0.00	28.52 0.99 -0.38	25.42 0.87 -0.43	27.08 1.07 0.00	27.71 1.15 -0.21	28.48 1.19 0.00	30.85 1.23 0.00	33.18 1.23 0.00	33.91 1.21 0.00	29.87 1.01 0.00
ONONDAGA_REF_OCCRA 23987	27.32 0.28 0.00	25.24 0.26 0.00	22.33 0.21 0.00	21.94 0.22 0.00	22.29 0.24 0.00	26.94 0.30 0.00	33.84 0.30 0.00	30.72 0.21 0.00	30.80 0.24 0.00	31.26 0.20 0.00	37.09 0.21 0.00	32.56 0.09 0.00	36.63 0.18 0.00	51.50 0.11 0.00	33.53 0.02 0.00	27.98 -0.01 -0.83	25.09 0.02 -0.94	26.04 0.03 0.00	26.87 0.07 -0.46	27.40 0.11 0.00	29.72 0.10 0.00	31.96 0.01 0.00	32.80 0.10 0.00	29.05 0.19 0.00
ONONDAGA___COGEN 23986	27.34 0.30 0.00	25.25 0.26 0.00	22.34 0.21 0.00	21.97 0.24 0.00	22.33 0.28 0.00	26.97 0.33 0.00	33.87 0.33 0.00	30.74 0.23 0.00	30.81 0.25 0.00	31.26 0.19 0.00	37.07 0.19 0.00	32.56 0.09 0.00	36.64 0.20 0.00	51.53 0.14 0.00	33.55 0.05 0.00	27.96 -0.02 -0.82	25.08 0.03 -0.93	26.05 0.03 0.00	26.88 0.09 -0.46	27.41 0.12 0.00	29.73 0.10 0.00	31.96 0.01 0.00	32.81 0.11 0.00	29.05 0.19 0.00
ONTARIO___LFGE 23819	27.80 0.76 0.00	25.66 0.68 0.00	22.67 0.55 0.00	22.30 0.57 0.00	22.68 0.62 0.00	27.52 0.88 0.00	34.59 1.05 0.00	31.47 0.96 0.00	31.49 0.93 0.00	31.83 0.77 0.00	37.76 0.88 0.00	33.05 0.58 0.00	37.27 0.82 0.00	52.06 0.66 0.00	34.02 0.51 0.00	28.38 0.26 -0.97	25.49 0.28 -1.09	26.29 0.28 0.00	27.25 0.37 -0.54	27.74 0.45 0.00	30.09 0.47 0.00	32.19 0.24 0.00	33.08 0.38 0.00	29.24 0.39 0.00
ORANGEVILLE_WT_PWR 323706	27.99 0.95 0.00	25.84 0.85 0.00	22.77 0.64 0.00	22.42 0.70 0.00	22.74 0.69 0.00	27.70 1.06 0.00	34.51 0.97 0.00	31.11 0.60 0.00	31.12 0.56 0.00	31.32 0.26 0.00	36.84 -0.04 0.00	32.03 -0.44 0.00	36.25 -0.19 0.00	50.39 -1.01 0.00	32.83 -0.67 0.00	27.46 -0.78 -1.09	24.73 -0.63 -1.23	25.24 -0.77 0.00	26.14 -0.81 -0.61	26.71 -0.58 0.00	28.96 -0.66 0.00	31.08 -0.87 0.00	32.20 -0.50 0.00	28.72 -0.14 0.00
ORANGEVILLE___ESR 323794	27.99 0.95 0.00	25.84 0.85 0.00	22.77 0.64 0.00	22.42 0.70 0.00	22.74 0.69 0.00	27.70 1.06 0.00	34.51 0.97 0.00	31.11 0.60 0.00	31.12 0.56 0.00	31.32 0.26 0.00	36.84 -0.04 0.00	32.03 -0.44 0.00	36.25 -0.19 0.00	50.39 -1.01 0.00	32.83 -0.67 0.00	27.46 -0.78 -1.09	24.73 -0.63 -1.23	25.24 -0.77 0.00	26.14 -0.81 -0.61	26.71 -0.58 0.00	28.96 -0.66 0.00	31.08 -0.87 0.00	32.20 -0.50 0.00	28.72 -0.14 0.00
OSWEGATCHIE___HYD 24044	26.99 -0.05 0.00	24.99 0.01 0.00	22.23 0.10 0.00	21.83 0.10 0.00	22.07 0.02 0.00	26.55 -0.09 0.00	33.66 0.12 0.00	30.65 0.14 0.00	30.69 0.14 0.00	31.17 0.11 0.00	36.93 0.04 0.00	32.52 0.05 0.00	36.31 -0.14 0.00	50.95 -0.44 0.00	33.07 -0.44 0.00	26.82 -0.55 -0.21	23.87 -0.49 -0.24	25.87 -0.15 0.00	26.37 -0.09 -0.12	27.15 -0.14 0.00	29.36 -0.26 0.00	31.90 -0.05 0.00	32.77 0.07 0.00	29.01 0.15 0.00
OSWEGO___5 23606	26.63 -0.40 0.00	24.60 -0.39 0.00	21.78 -0.35 0.00	21.39 -0.33 0.00	21.72 -0.33 0.00	26.23 -0.41 0.00	32.83 -0.71 0.00	29.74 -0.77 0.00	29.79 -0.77 0.00	30.24 -0.82 0.00	35.89 -1.00 0.00	31.54 -0.94 0.00	35.43 -1.02 0.00	49.87 -1.53 0.00	32.51 -1.00 0.00	26.87 -0.84 -0.55	24.03 -0.72 -0.62	25.23 -0.78 0.00	25.88 -0.77 -0.31	26.53 -0.76 0.00	28.79 -0.83 0.00	31.00 -0.94 0.00	31.82 -0.88 0.00	28.27 -0.59 0.00
OSWEGO___6 23613	26.63 -0.40 0.00	24.60 -0.39 0.00	21.78 -0.35 0.00	21.39 -0.33 0.00	21.72 -0.33 0.00	26.23 -0.41 0.00	32.83 -0.71 0.00	29.74 -0.77 0.00	29.79 -0.77 0.00	30.24 -0.82 0.00	35.89 -1.00 0.00	31.54 -0.94 0.00	35.43 -1.02 0.00	49.87 -1.53 0.00	32.51 -1.00 0.00	26.87 -0.84 -0.55	24.03 -0.72 -0.62	25.23 -0.78 0.00	25.88 -0.77 -0.31	26.53 -0.76 0.00	28.79 -0.83 0.00	31.00 -0.94 0.00	31.82 -0.88 0.00	28.27 -0.59 0.00
OUTOKUMPU-AB___DRP 24206	28.11 1.07 0.00	25.90 0.92 0.00	22.75 0.62 0.00	22.39 0.67 0.00	22.74 0.68 0.00	27.71 1.07 0.00	34.39 0.85 0.00	30.84 0.34 0.00	30.84 0.29 0.00	30.90 -0.16 0.00	36.31 -0.57 0.00	31.50 -0.98 0.00	35.63 -0.81 0.00	49.53 -1.87 0.00	32.40 -1.11 0.00	27.00 -1.14 -0.98	24.34 -0.89 -1.11	24.84 -1.18 0.00	25.74 -1.15 -0.55	26.47 -0.82 0.00	28.76 -0.86 0.00	30.83 -1.11 0.00	32.04 -0.65 0.00	28.63 -0.23 0.00
OXBOW___ 24026	27.87 0.83 0.00	25.67 0.69 0.00	22.54 0.42 0.00	22.19 0.47 0.00	22.55 0.49 0.00	27.47 0.83 0.00	34.05 0.51 0.00	30.54 0.03 0.00	30.51 -0.04 0.00	30.52 -0.54 0.00	35.83 -1.05 0.00	31.07 -1.40 0.00	35.15 -1.30 0.00	48.83 -2.56 0.00	31.96 -1.54 0.00	26.67 -1.46 -0.98	24.05 -1.18 -1.11	24.52 -1.49 0.00	25.42 -1.47 -0.55	26.14 -1.15 0.00	28.40 -1.22 0.00	30.46 -1.48 0.00	31.64 -1.06 0.00	28.35 -0.51 0.00
OXY_CHEM_DSASP 323612	27.48 0.44 0.00	25.30 0.32 0.00	22.22 0.10 0.00	21.89 0.16 0.00	22.24 0.18 0.00	27.08 0.44 0.00	33.51 -0.03 0.00	30.04 -0.47 0.00	30.00 -0.56 0.00	29.95 -1.11 0.00	35.10 -1.78 0.00	30.44 -2.03 0.00	34.43 -2.01 0.00	47.81 -3.58 0.00	31.31 -2.20 0.00	26.16 -1.97 -0.97	23.60 -1.62 -1.10	24.04 -1.97 0.00	24.91 -1.97 -0.54	25.62 -1.67 0.00	27.85 -1.77 0.00	29.88 -2.06 0.00	31.09 -1.61 0.00	27.90 -0.96 0.00
OZONE_PARK_ESR 323760	28.47 1.44 0.00	26.24 1.26 0.00	23.21 1.08 0.00	22.75 1.02 0.00	23.10 1.05 0.00	28.02 1.38 0.00	35.55 2.01 0.00	32.55 2.04 0.00	32.62 2.07 0.00	33.28 2.21 0.00	39.56 2.68 0.00	34.91 2.43 0.00	39.22 2.78 0.00	55.55 4.15 0.00	36.29 2.78 0.00	33.25 2.36 -3.74	30.38 2.03 -4.23	28.30 2.29 0.00	30.72 2.29 -2.09	29.54 2.25 0.00	32.10 2.48 0.00	34.56 2.62 0.00	35.32 2.62 0.00	30.68 1.82 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.48 0.44 0.00	25.30 0.32 0.00	22.22 0.10 0.00	21.89 0.16 0.00	22.24 0.18 0.00	27.08 0.44 0.00	33.51 -0.03 0.00	30.04 -0.47 0.00	30.00 -0.56 0.00	29.95 -1.11 0.00	35.10 -1.78 0.00	30.44 -2.03 0.00	34.43 -2.01 0.00	47.81 -3.58 0.00	31.31 -2.20 0.00	26.16 -1.97 -0.97	23.60 -1.62 -1.10	24.04 -1.97 0.00	24.91 -1.97 -0.54	25.62 -1.67 0.00	27.85 -1.77 0.00	29.88 -2.06 0.00	31.09 -1.61 0.00	27.90 -0.96 0.00



PACKARD__115KV_DUPONT_184 80571	27.48 0.44 0.00	25.30 0.32 0.00	22.22 0.10 0.00	21.89 0.16 0.00	22.24 0.18 0.00	27.08 0.44 0.00	33.51 -0.03 0.00	30.04 -0.47 0.00	30.00 -0.56 0.00	29.95 -1.11 0.00	35.10 -1.78 0.00	30.44 -2.03 0.00	34.43 -2.01 0.00	47.81 -3.58 0.00	31.31 -2.20 0.00	26.16 -1.97 -0.97	23.60 -1.62 -1.10	24.04 -1.97 0.00	24.91 -1.97 -0.54	25.62 -1.67 0.00	27.85 -1.77 0.00	29.88 -2.06 0.00	31.09 -1.61 0.00	27.90 -0.96 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.37 1.34 0.00	1000.58 1.17 -974.43	603.42 0.91 -580.39	22.50 0.78 0.00	22.84 0.79 0.00	27.68 1.05 0.00	133.04 1.58 -97.92	371.65 1.70 -339.45	32.25 1.70 0.00	32.86 1.80 0.00	39.05 2.17 0.00	34.46 1.98 0.00	38.69 2.24 0.00	54.82 3.42 0.00	35.80 2.30 0.00	32.84 1.95 -3.74	30.05 1.69 -4.23	27.93 1.92 0.00	30.28 1.85 -2.09	29.10 1.81 0.00	31.67 2.05 0.00	34.14 2.19 0.00	34.88 2.18 0.00	30.33 1.47 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.38 1.34 0.00	1000.67 1.25 -974.43	603.52 1.00 -580.39	22.61 0.88 0.00	22.96 0.90 0.00	27.81 1.17 0.00	133.22 1.76 -97.92	371.74 1.79 -339.45	32.42 1.86 0.00	33.10 2.03 0.00	39.33 2.45 0.00	34.60 2.12 0.00	38.84 2.40 0.00	55.17 3.78 0.00	35.94 2.43 0.00	32.93 2.04 -3.74	30.11 1.75 -4.23	27.98 1.97 0.00	30.36 1.94 -2.09	29.18 1.89 0.00	31.72 2.10 0.00	34.23 2.28 0.00	34.95 2.25 0.00	30.44 1.58 0.00
PATROON__115KV_TB1 80586	27.43 0.39 0.00	25.32 0.33 0.00	22.46 0.33 0.00	22.03 0.30 0.00	22.39 0.34 0.00	27.11 0.47 0.00	34.32 0.78 0.00	31.35 0.84 0.00	31.40 0.84 0.00	32.02 0.95 0.00	38.12 1.23 0.00	33.54 1.06 0.00	37.52 1.07 0.00	53.23 1.83 0.00	34.74 1.23 0.00	32.91 1.12 -4.63	30.37 1.00 -5.25	27.09 1.07 0.00	30.02 1.09 -2.59	28.31 1.03 0.00	30.72 1.10 0.00	33.14 1.19 0.00	33.75 1.05 0.00	29.53 0.67 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.53 1.49 0.00	26.29 1.32 0.00	23.09 0.97 0.00	22.74 1.02 0.00	23.09 1.03 0.00	28.12 1.48 0.00	35.01 1.47 0.00	31.56 1.06 0.00	31.58 1.03 0.00	31.73 0.67 0.00	37.36 0.48 0.00	32.47 0.00 0.00	36.79 0.35 0.00	51.21 -0.19 0.00	33.41 -0.09 0.00	27.83 -0.35 -1.03	25.04 -0.24 -1.16	25.59 -0.42 0.00	26.54 -0.37 -0.57	27.28 -0.01 0.00	29.67 0.05 0.00	31.80 -0.14 0.00	32.97 0.27 0.00	29.27 0.41 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.35 1.31 0.00	26.13 1.16 0.00	23.13 1.01 0.00	22.69 0.96 0.00	23.05 0.99 0.00	27.94 1.30 0.00	35.45 1.91 0.00	32.43 1.92 0.00	32.52 1.96 0.00	33.15 2.08 0.00	39.46 2.57 0.00	34.78 2.31 0.00	39.08 2.63 0.00	55.30 3.91 0.00	36.11 2.60 0.00	33.08 2.17 -3.76	30.29 1.92 -4.26	28.15 2.14 0.00	30.61 2.18 -2.10	29.44 2.15 0.00	31.97 2.35 0.00	34.38 2.43 0.00	35.06 2.36 0.00	30.51 1.65 0.00
PEEKSKILL____ 23653	28.03 1.00 0.00	25.84 0.86 0.00	22.87 0.74 0.00	22.43 0.71 0.00	22.77 0.72 0.00	27.60 0.96 0.00	34.98 1.44 0.00	31.96 1.45 0.00	32.03 1.47 0.00	32.63 1.57 0.00	38.84 1.96 0.00	34.24 1.76 0.00	38.49 2.05 0.00	54.51 3.12 0.00	35.61 2.10 0.00	32.60 1.78 -3.67	29.83 1.56 -4.15	27.76 1.74 0.00	30.14 1.75 -2.05	29.00 1.71 0.00	31.53 1.91 0.00	33.93 1.99 0.00	34.63 1.93 0.00	30.14 1.28 0.00
PGE MADISON__WINDPWR 24146	29.24 2.21 0.00	27.01 2.03 0.00	23.78 1.66 0.00	23.46 1.74 0.00	23.93 1.88 0.00	29.14 2.50 0.00	37.01 3.47 0.00	33.97 3.47 0.00	34.34 3.79 0.00	34.77 3.71 0.00	41.14 4.26 0.00	35.98 3.51 0.00	40.41 3.96 0.00	56.60 5.20 0.00	36.28 2.78 0.00	30.89 2.23 -1.51	27.84 2.01 -1.71	28.50 2.49 0.00	29.90 2.72 -0.84	30.19 2.90 0.00	32.62 3.00 0.00	34.81 2.87 0.00	35.46 2.76 0.00	31.26 2.40 0.00
PIERCEFIELD__HYD 23852	27.00 -0.04 0.00	24.97 -0.01 0.00	22.13 0.01 0.00	21.74 0.01 0.00	21.90 -0.15 0.00	26.18 -0.46 0.00	33.20 -0.34 0.00	30.22 -0.28 0.00	30.24 -0.32 0.00	30.69 -0.37 0.00	36.37 -0.51 0.00	32.13 -0.34 0.00	35.95 -0.49 0.00	50.49 -0.90 0.00	32.94 -0.57 0.00	26.65 -0.63 -0.12	23.66 -0.60 -0.14	25.50 -0.52 0.00	25.84 -0.56 -0.07	26.67 -0.62 0.00	28.88 -0.74 0.00	31.51 -0.43 0.00	32.53 -0.17 0.00	28.90 0.04 0.00
PINELAWN_CC_1 323563	28.58 1.54 0.00	26.23 1.25 0.00	23.20 1.08 0.00	22.63 0.97 0.07	23.03 0.98 0.00	27.97 1.34 0.00	35.64 2.10 0.00	32.44 1.93 0.00	32.47 1.91 0.00	33.05 1.99 0.00	39.75 2.86 0.00	35.18 2.71 0.00	39.47 3.02 0.00	55.64 4.24 0.00	36.60 3.10 0.00	33.47 2.58 -3.73	30.59 2.24 -4.23	28.39 2.37 0.00	30.76 2.34 -2.09	29.43 2.14 0.00	31.95 2.32 0.00	34.40 2.45 0.00	35.14 2.44 0.00	30.56 1.70 0.00
PJM_GEN_HTP_PROXY 323702	28.21 1.18 0.00	26.03 1.05 0.00	23.03 0.90 0.00	22.57 0.85 0.00	22.92 0.87 0.00	27.79 1.15 0.00	35.23 1.68 0.00	32.23 1.72 0.00	32.29 1.73 0.00	32.94 1.88 0.00	39.19 2.30 0.00	34.57 2.10 0.00	38.83 2.39 0.00	55.02 3.62 0.00	35.95 2.45 0.00	32.98 2.09 -3.74	30.14 1.79 -4.23	28.03 2.02 0.00	30.77 2.00 -2.42	29.23 1.94 0.00	31.78 2.16 0.00	34.23 2.28 0.00	34.99 2.29 0.00	30.41 1.56 0.00
PJM_GEN_KEystone 24065	27.85 0.81 0.00	25.69 0.70 0.00	22.67 0.55 0.00	22.27 0.55 0.00	22.59 0.54 0.00	27.40 0.76 0.00	34.46 0.92 0.00	31.34 0.83 0.00	31.36 0.81 0.00	31.79 0.73 0.00	37.66 0.78 0.00	33.04 0.57 0.00	37.35 0.91 0.00	52.56 1.16 0.00	34.24 0.74 0.00	30.03 0.50 -2.37	27.26 0.45 -2.69	26.49 0.48 0.00	28.53 0.53 -1.66	27.94 0.65 0.00	30.42 0.80 0.00	32.66 0.72 0.00	33.54 0.83 0.00	29.38 0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	28.26 1.22 0.00	25.99 1.01 0.00	23.00 0.88 0.00	22.51 0.79 0.00	22.85 0.80 0.00	27.73 1.10 0.00	35.27 1.72 0.00	32.12 1.62 0.00	32.13 1.57 0.00	32.70 1.64 0.00	39.22 2.33 0.00	34.66 2.18 0.00	38.92 2.47 0.00	54.94 3.54 0.00	36.06 2.55 0.00	33.03 2.15 -3.73	30.21 1.86 -4.23	28.02 2.00 0.00	30.73 1.97 -2.42	29.11 1.81 0.00	31.60 1.98 0.00	34.06 2.12 0.00	34.82 2.12 0.00	30.28 1.43 0.00
PJM_GEN_VFT_PROXY 323633	28.14 1.10 0.00	25.94 0.96 0.00	22.95 0.82 0.00	22.50 0.77 0.00	22.84 0.79 0.00	27.68 1.05 0.00	35.08 1.54 0.00	32.07 1.57 0.00	32.14 1.59 0.00	32.78 1.71 0.00	38.97 2.08 0.00	34.37 1.89 0.00	38.63 2.19 0.00	54.74 3.35 0.00	35.76 2.25 0.00	32.82 1.93 -3.74	30.00 1.65 -4.23	27.90 1.89 0.00	30.63 1.87 -2.42	29.10 1.81 0.00	31.65 2.03 0.00	34.09 2.15 0.00	34.86 2.16 0.00	30.28 1.43 0.00
PLATSBURG_115KV_PMLD1 355749	27.76 0.72 0.00	25.61 0.63 0.00	22.72 0.60 0.00	22.29 0.57 0.00	22.44 0.39 0.00	27.10 0.46 0.00	34.44 0.90 0.00	31.55 1.04 0.00	31.67 1.11 0.00	32.17 1.10 0.00	38.17 1.28 0.00	33.66 1.19 0.00	37.64 1.20 0.00	52.95 1.56 0.00	34.40 0.89 0.00	27.75 0.60 0.00	24.47 0.35 0.00	25.94 -0.07 0.00	26.20 -0.14 0.00	27.08 -0.21 0.00	29.06 -0.56 0.00	31.64 -0.31 0.00	32.41 -0.29 0.00	28.76 -0.10 0.00



PLEASANTVLY___LBMP 24000	27.98 0.94 0.00	25.81 0.83 0.00	22.85 0.73 0.00	22.41 0.69 0.00	22.77 0.72 0.00	27.58 0.94 0.00	34.93 1.39 0.00	31.91 1.40 0.00	31.98 1.43 0.00	32.60 1.54 0.00	38.81 1.93 0.00	34.20 1.73 0.00	38.39 1.95 0.00	54.37 2.98 0.00	35.52 2.02 0.00	32.76 1.72 -3.89	30.03 1.51 -4.40	27.69 1.67 0.00	30.19 1.67 -2.17	28.93 1.64 0.00	31.43 1.81 0.00	33.85 1.91 0.00	34.54 1.84 0.00	30.11 1.26 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.13 1.10 0.00	25.93 0.95 0.00	22.95 0.83 0.00	22.50 0.78 0.00	22.86 0.80 0.00	27.72 1.08 0.00	35.13 1.59 0.00	32.10 1.59 0.00	32.18 1.63 0.00	32.81 1.75 0.00	39.06 2.18 0.00	34.44 1.96 0.00	38.68 2.24 0.00	54.77 3.38 0.00	35.78 2.28 0.00	32.84 1.93 -3.75	30.05 1.68 -4.25	27.89 1.88 0.00	30.32 1.89 -2.10	29.13 1.84 0.00	31.65 2.03 0.00	34.09 2.14 0.00	34.79 2.09 0.00	30.27 1.42 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.13 1.10 0.00	25.93 0.95 0.00	22.95 0.83 0.00	22.50 0.78 0.00	22.86 0.80 0.00	27.72 1.08 0.00	35.13 1.59 0.00	32.10 1.59 0.00	32.18 1.63 0.00	32.81 1.75 0.00	39.06 2.18 0.00	34.44 1.96 0.00	38.68 2.24 0.00	54.77 3.38 0.00	35.78 2.28 0.00	32.84 1.93 -3.75	30.05 1.68 -4.25	27.89 1.88 0.00	30.32 1.89 -2.10	29.13 1.84 0.00	31.65 2.03 0.00	34.09 2.14 0.00	34.79 2.09 0.00	30.27 1.42 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.20 1.16 0.00	26.01 1.02 0.00	23.03 0.90 0.00	22.59 0.86 0.00	22.94 0.88 0.00	27.79 1.15 0.00	35.25 1.71 0.00	32.19 1.68 0.00	32.29 1.74 0.00	32.92 1.85 0.00	39.18 2.30 0.00	34.53 2.05 0.00	38.76 2.31 0.00	54.89 3.49 0.00	35.84 2.34 0.00	32.94 1.97 -3.81	30.17 1.73 -4.32	27.94 1.93 0.00	30.42 1.95 -2.13	29.22 1.93 0.00	31.73 2.11 0.00	34.15 2.20 0.00	34.84 2.14 0.00	30.35 1.49 0.00
POLETTI____ 23519	28.18 1.14 0.00	26.01 1.03 0.00	23.00 0.88 0.00	22.55 0.83 0.00	22.90 0.85 0.00	27.76 1.12 0.00	35.19 1.64 0.00	32.22 1.71 0.00	32.29 1.73 0.00	32.94 1.88 0.00	39.18 2.30 0.00	34.56 2.08 0.00	38.82 2.38 0.00	55.00 3.61 0.00	35.93 2.42 0.00	32.96 2.07 -3.74	30.09 1.74 -4.23	27.98 1.97 0.00	30.37 1.94 -2.09	29.18 1.89 0.00	31.72 2.10 0.00	34.18 2.24 0.00	34.98 2.29 0.00	30.43 1.57 0.00
POMONA___ESR 323819	27.91 0.87 0.00	25.72 0.74 0.00	22.76 0.63 0.00	22.33 0.61 0.00	22.66 0.61 0.00	27.46 0.83 0.00	34.78 1.24 0.00	31.76 1.25 0.00	31.82 1.27 0.00	32.40 1.33 0.00	38.54 1.65 0.00	33.96 1.49 0.00	38.24 1.79 0.00	54.16 2.77 0.00	35.36 1.86 0.00	32.11 1.54 -3.41	29.35 1.36 -3.87	27.56 1.54 0.00	29.83 1.58 -1.91	28.85 1.56 0.00	31.35 1.73 0.00	33.71 1.77 0.00	34.39 1.69 0.00	29.93 1.07 0.00
PORT_JEFF_3 23555	28.36 1.33 0.00	25.76 0.78 0.00	22.79 0.66 0.00	20.81 0.60 1.52	22.75 0.71 0.01	27.69 1.05 0.00	35.56 2.02 0.00	32.32 1.81 0.00	32.47 1.92 0.00	33.04 1.98 0.00	40.02 3.14 0.00	35.66 3.18 0.00	39.84 3.40 0.00	55.82 4.43 0.00	37.01 3.50 0.00	33.70 2.81 -3.73	30.82 2.47 -4.23	28.69 2.68 0.00	30.98 2.55 -2.09	29.47 2.18 0.00	32.03 2.41 0.00	34.39 2.45 0.00	35.06 2.36 0.00	30.63 1.77 0.00
PORT_JEFF_4 23616	28.36 1.33 0.00	25.76 0.78 0.00	22.79 0.66 0.00	20.81 0.60 1.52	22.75 0.71 0.01	27.69 1.05 0.00	35.56 2.02 0.00	32.32 1.81 0.00	32.47 1.92 0.00	33.04 1.98 0.00	40.02 3.14 0.00	35.66 3.18 0.00	39.84 3.40 0.00	55.82 4.43 0.00	37.01 3.50 0.00	33.70 2.81 -3.73	30.82 2.47 -4.23	28.69 2.68 0.00	30.98 2.55 -2.09	29.47 2.18 0.00	32.03 2.41 0.00	34.39 2.45 0.00	35.06 2.36 0.00	30.63 1.77 0.00
PORT_JEFF_IC 23713	28.42 1.39 0.00	25.82 0.84 0.00	22.83 0.71 0.00	20.80 0.66 1.58	22.79 0.75 0.01	27.74 1.10 0.00	35.61 2.07 0.00	32.36 1.86 0.00	32.52 1.97 0.00	33.09 2.03 0.00	40.05 3.17 0.00	35.66 3.19 0.00	39.84 3.40 0.00	55.86 4.46 0.00	37.02 3.51 0.00	33.72 2.83 -3.73	30.84 2.49 -4.23	28.73 2.72 0.00	31.03 2.60 -2.09	29.53 2.24 0.00	32.09 2.47 0.00	34.45 2.50 0.00	35.11 2.41 0.00	30.65 1.79 0.00
PPL PILGRIM_ST_GT1 24216	28.73 1.69 0.00	26.30 1.32 0.00	23.26 1.13 0.00	22.65 1.07 0.14	23.12 1.07 0.00	28.09 1.45 0.00	35.87 2.32 0.00	32.61 2.10 0.00	32.65 2.09 0.00	33.24 2.18 0.00	40.06 3.17 0.00	35.54 3.06 0.00	39.83 3.38 0.00	56.01 4.61 0.00	36.95 3.44 0.00	33.74 2.85 -3.73	30.81 2.46 -4.23	28.56 2.54 0.00	30.91 2.49 -2.09	29.52 2.24 0.00	32.07 2.45 0.00	34.60 2.65 0.00	35.32 2.62 0.00	30.75 1.89 0.00
PPL PILGRIM_ST_GT2 24217	28.73 1.69 0.00	26.30 1.32 0.00	23.26 1.13 0.00	22.65 1.07 0.14	23.12 1.07 0.00	28.09 1.45 0.00	35.87 2.32 0.00	32.61 2.10 0.00	32.65 2.09 0.00	33.24 2.18 0.00	40.06 3.17 0.00	35.54 3.06 0.00	39.83 3.38 0.00	56.01 4.61 0.00	36.95 3.44 0.00	33.74 2.85 -3.73	30.81 2.46 -4.23	28.56 2.54 0.00	30.91 2.49 -2.09	29.52 2.24 0.00	32.07 2.45 0.00	34.60 2.65 0.00	35.32 2.62 0.00	30.75 1.89 0.00
PPL_SHRM_GT3 24213	28.49 1.45 0.00	25.82 0.84 0.00	22.83 0.71 0.00	20.90 0.68 1.50	22.79 0.75 0.01	27.74 1.10 0.00	35.48 1.94 0.00	32.29 1.79 0.00	32.55 1.99 0.00	33.02 1.96 0.00	39.82 2.93 0.00	35.59 3.11 0.00	39.70 3.25 0.00	55.63 4.24 0.00	36.90 3.39 0.00	33.63 2.75 -3.73	30.78 2.43 -4.23	28.76 2.75 0.00	31.08 2.66 -2.09	29.52 2.24 0.00	32.13 2.51 0.00	34.46 2.51 0.00	35.00 2.30 0.00	30.59 1.73 0.00
PPL_SHRM_GT4 24214	28.49 1.45 0.00	25.82 0.84 0.00	22.83 0.71 0.00	20.90 0.68 1.50	22.79 0.75 0.01	27.74 1.10 0.00	35.48 1.94 0.00	32.29 1.79 0.00	32.55 1.99 0.00	33.02 1.96 0.00	39.82 2.93 0.00	35.59 3.11 0.00	39.70 3.25 0.00	55.63 4.24 0.00	36.90 3.39 0.00	33.63 2.75 -3.73	30.78 2.43 -4.23	28.76 2.75 0.00	31.08 2.66 -2.09	29.52 2.24 0.00	32.13 2.51 0.00	34.46 2.51 0.00	35.00 2.30 0.00	30.59 1.73 0.00
PROJECT___ORANGE 1 24174	27.14 0.10 0.00	25.07 0.09 0.00	22.18 0.05 0.00	21.78 0.06 0.00	22.13 0.08 0.00	26.74 0.10 0.00	33.55 0.01 0.00	30.43 -0.08 0.00	30.50 -0.06 0.00	30.96 -0.11 0.00	36.73 -0.15 0.00	32.25 -0.22 0.00	36.27 -0.18 0.00	50.98 -0.41 0.00	33.20 -0.31 0.00	27.64 -0.27 -0.76	24.76 -0.22 -0.86	25.77 -0.24 0.00	26.55 -0.21 -0.42	27.11 -0.18 0.00	29.41 -0.21 0.00	31.64 -0.30 0.00	32.51 -0.19 0.00	28.83 -0.04 0.00
PROJECT___ORANGE 2 24166	27.14 0.10 0.00	25.07 0.09 0.00	22.18 0.05 0.00	21.78 0.06 0.00	22.13 0.08 0.00	26.74 0.10 0.00	33.55 0.01 0.00	30.43 -0.08 0.00	30.50 -0.06 0.00	30.96 -0.11 0.00	36.73 -0.15 0.00	32.25 -0.22 0.00	36.27 -0.18 0.00	50.98 -0.41 0.00	33.20 -0.31 0.00	27.64 -0.27 -0.76	24.76 -0.22 -0.86	25.77 -0.24 0.00	26.55 -0.21 -0.42	27.11 -0.18 0.00	29.41 -0.21 0.00	31.64 -0.30 0.00	32.51 -0.19 0.00	28.83 -0.04 0.00



PUCKETT___SOLAR 323809	28.01 0.98 0.00	25.89 0.90 0.00	22.89 0.77 0.00	22.50 0.78 0.00	22.86 0.81 0.00	27.69 1.05 0.00	34.94 1.40 0.00	31.86 1.35 0.00	32.15 1.59 0.00	32.62 1.56 0.00	38.65 1.77 0.00	33.89 1.42 0.00	38.21 1.77 0.00	53.63 2.24 0.00	34.65 1.15 0.00	29.63 0.88 -1.60	26.74 0.81 -1.82	26.94 0.92 0.00	28.22 0.99 -0.89	28.36 1.07 0.00	30.76 1.14 0.00	32.97 1.03 0.00	33.78 1.08 0.00	29.69 0.83 0.00
PYRITES___HYD 24023	27.69 0.65 0.00	25.59 0.61 0.00	22.68 0.55 0.00	22.31 0.59 0.00	22.50 0.45 0.00	26.97 0.33 0.00	34.33 0.79 0.00	31.37 0.86 0.00	31.36 0.81 0.00	31.81 0.75 0.00	37.65 0.76 0.00	33.20 0.73 0.00	37.16 0.71 0.00	52.18 0.79 0.00	34.04 0.53 0.00	27.49 0.21 -0.12	24.41 0.16 -0.14	26.37 0.36 0.00	26.75 0.35 -0.07	27.62 0.33 0.00	29.86 0.24 0.00	32.49 0.54 0.00	33.47 0.78 0.00	29.69 0.83 0.00
QUAKERRD_115KV_BK1 80622	26.89 -0.15 0.00	24.81 -0.17 0.00	21.89 -0.23 0.00	21.53 -0.19 0.00	21.88 -0.17 0.00	26.56 -0.08 0.00	33.22 -0.33 0.00	30.06 -0.44 0.00	30.08 -0.47 0.00	30.37 -0.70 0.00	35.92 -0.96 0.00	31.38 -1.09 0.00	35.37 -1.08 0.00	49.54 -1.85 0.00	32.34 -1.17 0.00	26.98 -1.05 -0.87	24.24 -0.86 -0.98	25.02 -1.00 0.00	25.86 -0.96 -0.49	26.43 -0.85 0.00	28.66 -0.97 0.00	30.76 -1.18 0.00	31.67 -1.03 0.00	28.14 -0.73 0.00
QUENSBRY_115KV_TB8 356137	28.46 1.42 0.00	26.17 1.19 0.00	23.15 1.03 0.00	22.70 0.98 0.00	23.13 1.08 0.00	28.13 1.49 0.00	35.73 2.19 0.00	32.71 2.20 0.00	32.84 2.29 0.00	33.46 2.40 0.00	39.91 3.02 0.00	35.06 2.58 0.00	39.12 2.68 0.00	55.43 4.04 0.00	36.09 2.58 0.00	34.09 2.17 -4.76	31.50 1.99 -5.39	28.01 1.99 0.00	31.02 2.02 -2.66	29.27 1.99 0.00	31.78 2.16 0.00	34.38 2.43 0.00	34.94 2.25 0.00	30.46 1.60 0.00
RAMAPO___LBMP 323565	27.89 0.85 0.00	25.70 0.72 0.00	22.74 0.61 0.00	22.31 0.59 0.00	22.65 0.60 0.00	27.45 0.81 0.00	34.74 1.20 0.00	31.72 1.21 0.00	31.79 1.24 0.00	32.36 1.30 0.00	38.49 1.60 0.00	33.91 1.44 0.00	38.19 1.75 0.00	54.09 2.70 0.00	35.32 1.81 0.00	32.08 1.51 -3.42	29.32 1.32 -3.87	27.51 1.50 0.00	29.78 1.53 -1.91	28.80 1.51 0.00	31.31 1.69 0.00	33.68 1.73 0.00	34.34 1.64 0.00	29.91 1.05 0.00
RANKINE____ 23646	28.29 1.25 0.00	26.07 1.09 0.00	22.89 0.76 0.00	22.54 0.82 0.00	22.88 0.83 0.00	27.90 1.26 0.00	34.69 1.15 0.00	31.23 0.72 0.00	31.23 0.68 0.00	31.35 0.29 0.00	36.89 0.00 0.00	32.02 -0.46 0.00	36.27 -0.17 0.00	50.43 -0.96 0.00	32.92 -0.59 0.00	27.45 -0.72 -1.01	24.71 -0.56 -1.15	25.20 -0.82 0.00	26.12 -0.78 -0.57	26.85 -0.43 0.00	29.21 -0.41 0.00	31.32 -0.63 0.00	32.50 -0.20 0.00	28.93 0.07 0.00
RAVENSWOOD_GT2_1 24244	28.22 1.19 0.00	26.01 1.03 0.00	23.01 0.88 0.00	22.55 0.83 0.00	22.91 0.85 0.00	27.77 1.13 0.00	35.21 1.67 0.00	32.21 1.70 0.00	32.28 1.72 0.00	32.92 1.86 0.00	39.16 2.28 0.00	34.55 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.41 0.00	32.95 2.06 -3.74	30.12 1.77 -4.23	28.01 2.00 0.00	30.41 1.98 -2.09	29.21 1.92 0.00	31.76 2.14 0.00	34.20 2.26 0.00	34.95 2.25 0.00	30.39 1.53 0.00
RAVENSWOOD_GT2_2 24245	28.22 1.19 0.00	26.01 1.03 0.00	23.01 0.88 0.00	22.55 0.83 0.00	22.91 0.85 0.00	27.77 1.13 0.00	35.21 1.67 0.00	32.21 1.70 0.00	32.28 1.72 0.00	32.92 1.86 0.00	39.16 2.28 0.00	34.55 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.41 0.00	32.95 2.06 -3.74	30.12 1.77 -4.23	28.01 2.00 0.00	30.41 1.98 -2.09	29.21 1.92 0.00	31.76 2.14 0.00	34.20 2.26 0.00	34.95 2.25 0.00	30.39 1.53 0.00
RAVENSWOOD_GT2_3 24246	28.23 1.20 0.00	26.02 1.04 0.00	23.02 0.89 0.00	22.57 0.84 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.22 1.68 0.00	32.21 1.71 0.00	32.30 1.74 0.00	32.94 1.87 0.00	39.19 2.31 0.00	34.57 2.09 0.00	38.83 2.38 0.00	55.02 3.62 0.00	35.94 2.43 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.42 1.99 -2.09	29.23 1.94 0.00	31.78 2.15 0.00	34.22 2.27 0.00	34.97 2.27 0.00	30.40 1.54 0.00
RAVENSWOOD_GT2_4 24247	28.23 1.20 0.00	26.02 1.04 0.00	23.02 0.89 0.00	22.57 0.84 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.22 1.68 0.00	32.21 1.71 0.00	32.30 1.74 0.00	32.94 1.87 0.00	39.19 2.31 0.00	34.57 2.09 0.00	38.83 2.38 0.00	55.02 3.62 0.00	35.94 2.43 0.00	32.96 2.07 -3.74	30.13 1.78 -4.23	28.02 2.01 0.00	30.42 1.99 -2.09	29.23 1.94 0.00	31.78 2.15 0.00	34.22 2.27 0.00	34.97 2.27 0.00	30.40 1.54 0.00
RAVENSWOOD_GT3_1 24248	28.23 1.19 0.00	26.01 1.03 0.00	23.01 0.88 0.00	22.55 0.83 0.00	22.91 0.85 0.00	27.76 1.12 0.00	35.21 1.67 0.00	32.20 1.69 0.00	32.28 1.72 0.00	32.92 1.86 0.00	39.16 2.27 0.00	34.55 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.41 0.00	32.95 2.06 -3.74	30.12 1.77 -4.23	28.01 2.00 0.00	30.41 1.98 -2.09	29.21 1.92 0.00	31.76 2.14 0.00	34.20 2.26 0.00	34.96 2.26 0.00	30.39 1.53 0.00
RAVENSWOOD_GT3_2 24249	28.23 1.19 0.00	26.01 1.03 0.00	23.01 0.88 0.00	22.55 0.83 0.00	22.91 0.85 0.00	27.76 1.12 0.00	35.21 1.67 0.00	32.20 1.69 0.00	32.28 1.72 0.00	32.92 1.86 0.00	39.16 2.27 0.00	34.55 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.41 0.00	32.95 2.06 -3.74	30.12 1.77 -4.23	28.01 2.00 0.00	30.41 1.98 -2.09	29.21 1.92 0.00	31.76 2.14 0.00	34.20 2.26 0.00	34.96 2.26 0.00	30.39 1.53 0.00
RAVENSWOOD_GT3_3 24250	28.26 1.23 0.00	26.05 1.07 0.00	23.04 0.92 0.00	22.59 0.87 0.00	22.94 0.89 0.00	27.81 1.17 0.00	35.26 1.72 0.00	32.26 1.75 0.00	32.33 1.78 0.00	32.98 1.92 0.00	39.23 2.35 0.00	34.62 2.14 0.00	38.88 2.44 0.00	55.08 3.69 0.00	35.99 2.48 0.00	33.00 2.11 -3.74	30.16 1.81 -4.23	28.06 2.05 0.00	30.45 2.03 -2.09	29.26 1.97 0.00	31.81 2.19 0.00	34.26 2.32 0.00	35.01 2.31 0.00	30.44 1.58 0.00
RAVENSWOOD_GT3_4 24251	28.26 1.23 0.00	26.05 1.07 0.00	23.04 0.92 0.00	22.59 0.87 0.00	22.94 0.89 0.00	27.81 1.17 0.00	35.26 1.72 0.00	32.26 1.75 0.00	32.33 1.78 0.00	32.98 1.92 0.00	39.23 2.35 0.00	34.62 2.14 0.00	38.88 2.44 0.00	55.08 3.69 0.00	35.99 2.48 0.00	33.00 2.11 -3.74	30.16 1.81 -4.23	28.06 2.05 0.00	30.45 2.03 -2.09	29.26 1.97 0.00	31.81 2.19 0.00	34.26 2.32 0.00	35.01 2.31 0.00	30.44 1.58 0.00
RAVENSWOOD_GT_1 23729	28.25 1.22 0.00	26.02 1.04 0.00	22.97 0.85 0.00	22.49 0.77 0.00	22.84 0.79 0.00	27.68 1.04 0.00	35.10 1.56 0.00	32.13 1.62 0.00	32.20 1.65 0.00	32.84 1.78 0.00	39.08 2.20 0.00	34.50 2.02 0.00	38.72 2.27 0.00	54.85 3.46 0.00	35.86 2.35 0.00	32.89 2.01 -3.74	30.09 1.74 -4.23	27.99 1.98 0.00	30.35 1.92 -2.09	29.16 1.87 0.00	31.71 2.09 0.00	34.16 2.22 0.00	34.91 2.21 0.00	30.34 1.48 0.00



RAVENSWOOD_GT_10 24258	28.22 1.19 0.00	26.01 1.03 0.00	23.01 0.88 0.00	22.55 0.83 0.00	22.91 0.85 0.00	27.77 1.13 0.00	35.21 1.67 0.00	32.21 1.70 0.00	32.28 1.72 0.00	32.92 1.86 0.00	39.16 2.28 0.00	34.55 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.41 0.00	32.95 2.06 -3.74	30.12 1.77 -4.23	28.01 2.00 0.00	30.41 1.98 -2.09	29.21 1.92 0.00	31.76 2.14 0.00	34.20 2.26 0.00	34.95 2.25 0.00	30.39 1.53 0.00
RAVENSWOOD_GT_11 24259	28.22 1.19 0.00	26.01 1.03 0.00	23.01 0.88 0.00	22.55 0.83 0.00	22.91 0.85 0.00	27.77 1.13 0.00	35.21 1.67 0.00	32.21 1.70 0.00	32.28 1.72 0.00	32.92 1.86 0.00	39.16 2.28 0.00	34.55 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.41 0.00	32.95 2.06 -3.74	30.12 1.77 -4.23	28.01 2.00 0.00	30.41 1.98 -2.09	29.21 1.92 0.00	31.76 2.14 0.00	34.20 2.26 0.00	34.95 2.25 0.00	30.39 1.53 0.00
RAVENSWOOD_GT_4 24252	28.22 1.19 0.00	26.02 1.04 0.00	23.01 0.89 0.00	22.57 0.84 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.22 1.68 0.00	32.22 1.71 0.00	32.29 1.73 0.00	32.94 1.87 0.00	39.19 2.31 0.00	34.56 2.09 0.00	38.82 2.38 0.00	55.00 3.61 0.00	35.93 2.42 0.00	32.96 2.06 -3.74	30.13 1.78 -4.23	28.02 2.00 0.00	30.42 1.99 -2.09	29.23 1.94 0.00	31.77 2.15 0.00	34.21 2.27 0.00	34.96 2.26 0.00	30.40 1.54 0.00
RAVENSWOOD_GT_5 24254	28.22 1.19 0.00	26.02 1.04 0.00	23.01 0.89 0.00	22.57 0.84 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.22 1.68 0.00	32.22 1.71 0.00	32.29 1.73 0.00	32.94 1.87 0.00	39.19 2.31 0.00	34.56 2.09 0.00	38.82 2.38 0.00	55.00 3.61 0.00	35.93 2.42 0.00	32.96 2.06 -3.74	30.13 1.78 -4.23	28.02 2.00 0.00	30.42 1.99 -2.09	29.23 1.94 0.00	31.77 2.15 0.00	34.21 2.27 0.00	34.96 2.26 0.00	30.40 1.54 0.00
RAVENSWOOD_GT_6 24253	28.22 1.19 0.00	26.02 1.04 0.00	23.01 0.89 0.00	22.57 0.84 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.22 1.68 0.00	32.22 1.71 0.00	32.29 1.73 0.00	32.94 1.87 0.00	39.19 2.31 0.00	34.56 2.09 0.00	38.82 2.38 0.00	55.00 3.61 0.00	35.93 2.42 0.00	32.96 2.06 -3.74	30.13 1.78 -4.23	28.02 2.00 0.00	30.42 1.99 -2.09	29.23 1.94 0.00	31.77 2.15 0.00	34.21 2.27 0.00	34.96 2.26 0.00	30.40 1.54 0.00
RAVENSWOOD_GT_7 24255	28.22 1.19 0.00	26.02 1.04 0.00	23.01 0.89 0.00	22.57 0.84 0.00	22.92 0.87 0.00	27.78 1.14 0.00	35.22 1.68 0.00	32.22 1.71 0.00	32.29 1.73 0.00	32.94 1.87 0.00	39.19 2.31 0.00	34.56 2.09 0.00	38.82 2.38 0.00	55.00 3.61 0.00	35.93 2.42 0.00	32.96 2.06 -3.74	30.13 1.78 -4.23	28.02 2.00 0.00	30.42 1.99 -2.09	29.23 1.94 0.00	31.77 2.15 0.00	34.21 2.27 0.00	34.96 2.26 0.00	30.40 1.54 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.22 1.19 0.00	26.01 1.03 0.00	23.01 0.88 0.00	22.55 0.83 0.00	22.91 0.85 0.00	27.77 1.13 0.00	35.21 1.67 0.00	32.21 1.70 0.00	32.28 1.72 0.00	32.92 1.86 0.00	39.16 2.28 0.00	34.55 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.41 0.00	32.95 2.06 -3.74	30.12 1.77 -4.23	28.01 2.00 0.00	30.41 1.98 -2.09	29.21 1.92 0.00	31.76 2.14 0.00	34.20 2.26 0.00	34.95 2.25 0.00	30.39 1.53 0.00
RAVENSWOOD_GT_9 24257	28.22 1.19 0.00	26.01 1.03 0.00	23.01 0.88 0.00	22.55 0.83 0.00	22.91 0.85 0.00	27.77 1.13 0.00	35.21 1.67 0.00	32.21 1.70 0.00	32.28 1.72 0.00	32.92 1.86 0.00	39.16 2.28 0.00	34.55 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.41 0.00	32.95 2.06 -3.74	30.12 1.77 -4.23	28.01 2.00 0.00	30.41 1.98 -2.09	29.21 1.92 0.00	31.76 2.14 0.00	34.20 2.26 0.00	34.95 2.25 0.00	30.39 1.53 0.00
RAVENSWOOD___1 23533	28.25 1.22 0.00	26.02 1.04 0.00	22.97 0.85 0.00	22.49 0.77 0.00	22.84 0.79 0.00	27.68 1.04 0.00	35.10 1.56 0.00	32.13 1.62 0.00	32.20 1.65 0.00	32.84 1.78 0.00	39.08 2.20 0.00	34.50 2.03 0.00	38.72 2.27 0.00	54.85 3.46 0.00	35.86 2.35 0.00	32.89 2.01 -3.74	30.09 1.74 -4.23	27.99 1.97 0.00	30.35 1.92 -2.09	29.16 1.87 0.00	31.71 2.09 0.00	34.16 2.22 0.00	34.92 2.21 0.00	30.34 1.48 0.00
RAVENSWOOD___2 23534	28.25 1.22 0.00	26.02 1.04 0.00	22.97 0.85 0.00	22.49 0.77 0.00	22.84 0.79 0.00	27.68 1.04 0.00	35.10 1.56 0.00	32.13 1.62 0.00	32.20 1.65 0.00	32.84 1.78 0.00	39.08 2.20 0.00	34.50 2.03 0.00	38.72 2.27 0.00	54.85 3.46 0.00	35.86 2.35 0.00	32.89 2.01 -3.74	30.09 1.74 -4.23	27.99 1.97 0.00	30.35 1.92 -2.09	29.16 1.87 0.00	31.71 2.09 0.00	34.16 2.22 0.00	34.92 2.21 0.00	30.34 1.48 0.00
RAVENSWOOD___3 23535	28.22 1.19 0.00	26.02 1.04 0.00	23.01 0.89 0.00	22.55 0.83 0.00	22.91 0.85 0.00	27.77 1.13 0.00	35.20 1.67 0.00	32.21 1.70 0.00	32.28 1.73 0.00	32.92 1.86 0.00	39.17 2.28 0.00	34.56 2.08 0.00	38.81 2.37 0.00	54.98 3.59 0.00	35.92 2.41 0.00	32.95 2.06 -3.74	30.12 1.77 -4.23	28.01 2.00 0.00	30.40 1.98 -2.09	29.21 1.93 0.00	31.76 2.14 0.00	34.20 2.26 0.00	34.96 2.26 0.00	30.39 1.53 0.00
RAVENSWOOD___4 23820	28.25 1.22 0.00	26.02 1.04 0.00	22.97 0.85 0.00	22.49 0.77 0.00	22.84 0.79 0.00	27.68 1.04 0.00	35.10 1.56 0.00	32.13 1.62 0.00	32.20 1.65 0.00	32.84 1.78 0.00	39.08 2.20 0.00	34.50 2.03 0.00	38.72 2.27 0.00	54.85 3.46 0.00	35.86 2.35 0.00	32.89 2.01 -3.74	30.09 1.74 -4.23	27.99 1.97 0.00	30.35 1.92 -2.09	29.16 1.87 0.00	31.71 2.09 0.00	34.16 2.22 0.00	34.92 2.21 0.00	30.34 1.48 0.00
RCPL_TRUST___DRP 24196	28.24 1.20 0.00	26.05 1.07 0.00	23.05 0.93 0.00	22.60 0.88 0.00	22.95 0.90 0.00	27.83 1.19 0.00	35.27 1.73 0.00	32.28 1.77 0.00	32.34 1.79 0.00	33.00 1.94 0.00	39.25 2.37 0.00	34.62 2.14 0.00	38.90 2.45 0.00	55.09 3.70 0.00	36.00 2.50 0.00	33.02 2.13 -3.74	30.18 1.83 -4.23	28.08 2.06 0.00	30.46 2.03 -2.09	29.27 1.98 0.00	31.83 2.21 0.00	34.27 2.33 0.00	35.03 2.33 0.00	30.45 1.59 0.00
RED___ROCHESTER 323720	27.77 0.73 0.00	25.61 0.63 0.00	22.55 0.43 0.00	22.18 0.46 0.00	22.54 0.49 0.00	27.40 0.76 0.00	34.22 0.68 0.00	30.97 0.46 0.00	30.99 0.44 0.00	31.27 0.20 0.00	36.93 0.04 0.00	32.22 -0.26 0.00	36.34 -0.10 0.00	50.84 -0.56 0.00	33.17 -0.34 0.00	27.65 -0.39 -0.88	24.85 -0.26 -0.99	25.64 -0.37 0.00	26.52 -0.31 -0.49	27.17 -0.11 0.00	29.46 -0.16 0.00	31.60 -0.35 0.00	32.56 -0.14 0.00	28.93 0.07 0.00
REGAN___SOLAR 323812	28.69 1.65 0.00	26.41 1.43 0.00	23.48 1.36 0.00	22.96 1.24 0.00	23.31 1.25 0.00	28.24 1.60 0.00	35.90 2.36 0.00	32.87 2.36 0.00	32.91 2.35 0.00	33.37 2.30 0.00	39.68 2.79 0.00	34.73 2.26 0.00	38.85 2.40 0.00	55.00 3.60 0.00	35.84 2.33 0.00	34.98 2.29 -5.54	32.62 2.23 -6.27	28.43 2.41 0.00	31.94 2.51 -3.09	29.76 2.47 0.00	32.20 2.58 0.00	34.61 2.66 0.00	35.34 2.64 0.00	30.96 2.10 0.00



RENSSELAER___COGEN 23796	27.27 0.24 0.00	25.17 0.19 0.00	22.33 0.20 0.00	21.91 0.18 0.00	22.27 0.21 0.00	26.94 0.30 0.00	34.10 0.56 0.00	31.15 0.64 0.00	31.18 0.63 0.00	31.79 0.73 0.00	37.85 0.97 0.00	33.30 0.83 0.00	37.24 0.80 0.00	52.86 1.47 0.00	34.50 0.99 0.00	32.66 0.92 -4.58	30.14 0.82 -5.19	26.88 0.87 0.00	29.80 0.90 -2.56	28.11 0.82 0.00	30.53 0.91 0.00	32.92 0.98 0.00	33.54 0.84 0.00	29.35 0.50 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.06 3.02 0.00	27.49 2.51 0.00	24.25 2.13 0.00	23.75 2.03 0.00	24.30 2.24 0.00	29.73 3.09 0.00	37.82 4.28 0.00	34.72 4.21 0.00	34.89 4.33 0.00	35.56 4.50 0.00	42.58 5.70 0.00	37.35 4.87 0.00	41.45 5.01 0.00	58.72 7.32 0.00	38.02 4.51 0.00	35.34 3.43 -4.76	32.62 3.10 -5.39	28.94 2.92 0.00	31.92 2.92 -2.66	30.22 2.93 0.00	32.83 3.21 0.00	35.61 3.67 0.00	36.09 3.39 0.00	31.28 2.42 0.00
REVERE_CPPR_DRP 24186	27.98 0.94 0.00	25.88 0.90 0.00	22.96 0.84 0.00	22.56 0.84 0.00	22.93 0.87 0.00	27.78 1.14 0.00	35.20 1.66 0.00	32.12 1.61 0.00	32.24 1.69 0.00	32.76 1.69 0.00	38.85 1.97 0.00	34.15 1.68 0.00	38.24 1.79 0.00	53.82 2.43 0.00	34.99 1.48 0.00	28.63 1.14 -0.33	25.49 1.00 -0.37	27.28 1.27 0.00	27.89 1.37 -0.18	28.69 1.41 0.00	31.07 1.45 0.00	33.43 1.49 0.00	34.16 1.45 0.00	30.05 1.20 0.00
REYNOLDS_115KV_TB3 80639	27.55 0.51 0.00	25.41 0.43 0.00	22.54 0.42 0.00	22.11 0.39 0.00	22.48 0.43 0.00	27.21 0.57 0.00	34.43 0.89 0.00	31.45 0.94 0.00	31.49 0.93 0.00	32.10 1.03 0.00	38.23 1.34 0.00	33.61 1.14 0.00	37.57 1.12 0.00	53.37 1.97 0.00	34.82 1.31 0.00	32.95 1.21 -4.59	30.39 1.07 -5.20	27.14 1.12 0.00	30.06 1.16 -2.57	28.37 1.09 0.00	30.80 1.18 0.00	33.25 1.31 0.00	33.87 1.17 0.00	29.65 0.79 0.00
RIVERBAY____ 323610	28.38 1.34 0.00	1000.67 1.25 -974.43	603.52 1.00 -580.39	22.61 0.88 0.00	22.96 0.90 0.00	27.81 1.17 0.00	133.22 1.76 -97.92	371.74 1.79 -339.45	32.42 1.86 0.00	33.10 2.03 0.00	39.33 2.45 0.00	34.60 2.12 0.00	38.84 2.40 0.00	55.17 3.78 0.00	35.94 2.43 0.00	32.93 2.04 -3.74	30.11 1.75 -4.23	27.98 1.97 0.00	30.36 1.94 -2.09	29.18 1.89 0.00	31.72 2.10 0.00	34.23 2.28 0.00	34.95 2.25 0.00	30.44 1.58 0.00
RIVERSDE_115KV_TB3 55908	27.43 0.39 0.00	25.31 0.33 0.00	22.45 0.32 0.00	22.03 0.30 0.00	22.39 0.34 0.00	27.10 0.46 0.00	34.30 0.76 0.00	31.33 0.83 0.00	31.38 0.82 0.00	31.98 0.92 0.00	38.08 1.20 0.00	33.50 1.03 0.00	37.46 1.02 0.00	53.18 1.79 0.00	34.70 1.20 0.00	32.86 1.10 -4.60	30.31 0.97 -5.21	27.04 1.03 0.00	29.98 1.06 -2.57	28.28 0.99 0.00	30.71 1.08 0.00	33.12 1.17 0.00	33.74 1.04 0.00	29.53 0.67 0.00
ROARING___BROOK_WT_PWR 323790	26.74 -0.30 0.00	24.89 -0.09 0.00	22.06 -0.06 0.00	21.66 -0.07 0.00	21.98 -0.07 0.00	26.54 -0.10 0.00	33.44 -0.10 0.00	30.44 -0.07 0.00	30.48 -0.07 0.00	30.99 -0.08 0.00	36.77 -0.11 0.00	32.41 -0.06 0.00	36.35 -0.10 0.00	51.17 -0.22 0.00	33.33 -0.18 0.00	27.00 -0.15 0.00	23.91 -0.21 0.00	25.83 -0.18 0.00	26.14 -0.20 0.00	27.07 -0.22 0.00	29.30 -0.32 0.00	31.75 -0.20 0.00	32.53 -0.17 0.00	28.74 -0.12 0.00
ROCHESRG_115KV_T4 355643	27.54 0.50 0.00	25.40 0.41 0.00	22.37 0.25 0.00	22.00 0.28 0.00	22.36 0.31 0.00	27.17 0.53 0.00	33.89 0.35 0.00	30.64 0.13 0.00	30.66 0.10 0.00	30.90 -0.16 0.00	36.50 -0.38 0.00	31.84 -0.63 0.00	35.92 -0.53 0.00	50.24 -1.16 0.00	32.80 -0.71 0.00	27.33 -0.70 -0.87	24.57 -0.54 -0.99	25.33 -0.68 0.00	26.19 -0.64 -0.49	26.85 -0.44 0.00	29.11 -0.52 0.00	31.24 -0.70 0.00	32.22 -0.48 0.00	28.66 -0.20 0.00
ROCHESTER_9_IC 23652	27.67 0.64 0.00	25.52 0.54 0.00	22.48 0.36 0.00	22.11 0.39 0.00	22.47 0.41 0.00	27.31 0.67 0.00	34.08 0.54 0.00	30.83 0.32 0.00	30.85 0.29 0.00	31.11 0.05 0.00	36.74 -0.14 0.00	32.05 -0.42 0.00	36.16 -0.29 0.00	50.58 -0.81 0.00	33.00 -0.50 0.00	27.51 -0.52 -0.88	24.73 -0.39 -0.99	25.50 -0.51 0.00	26.37 -0.46 -0.49	27.02 -0.27 0.00	29.30 -0.32 0.00	31.44 -0.51 0.00	32.42 -0.28 0.00	28.81 -0.05 0.00
ROCKVIEW_13_KV_LD 356306	28.23 1.19 0.00	26.01 1.03 0.00	23.01 0.89 0.00	22.56 0.84 0.00	22.92 0.86 0.00	27.78 1.14 0.00	35.22 1.69 0.00	32.20 1.70 0.00	32.28 1.72 0.00	32.91 1.85 0.00	39.19 2.30 0.00	34.56 2.09 0.00	38.82 2.38 0.00	54.98 3.58 0.00	35.93 2.42 0.00	32.95 2.06 -3.74	30.14 1.79 -4.23	28.02 2.00 0.00	30.43 2.00 -2.09	29.25 1.96 0.00	31.79 2.16 0.00	34.22 2.27 0.00	34.94 2.24 0.00	30.38 1.52 0.00
ROME_____115KV_TB2 80656	27.98 0.94 0.00	25.88 0.90 0.00	22.96 0.84 0.00	22.56 0.84 0.00	22.93 0.87 0.00	27.78 1.14 0.00	35.20 1.66 0.00	32.12 1.61 0.00	32.24 1.69 0.00	32.76 1.69 0.00	38.85 1.97 0.00	34.15 1.68 0.00	38.24 1.79 0.00	53.82 2.43 0.00	34.99 1.48 0.00	28.63 1.14 -0.33	25.49 1.00 -0.37	27.28 1.27 0.00	27.89 1.37 -0.18	28.69 1.41 0.00	31.07 1.45 0.00	33.43 1.49 0.00	34.16 1.45 0.00	30.05 1.20 0.00
ROSETON___1 23587	27.94 0.90 0.00	25.77 0.78 0.00	22.82 0.70 0.00	22.38 0.66 0.00	22.73 0.68 0.00	27.52 0.88 0.00	34.86 1.31 0.00	31.84 1.33 0.00	31.91 1.35 0.00	32.52 1.45 0.00	38.70 1.82 0.00	34.10 1.63 0.00	38.30 1.86 0.00	54.24 2.85 0.00	35.43 1.92 0.00	32.46 1.63 -3.68	29.72 1.43 -4.17	27.60 1.59 0.00	30.00 1.60 -2.06	28.85 1.56 0.00	31.36 1.74 0.00	33.76 1.81 0.00	34.46 1.76 0.00	30.04 1.18 0.00
ROSETON___2 23588	27.94 0.90 0.00	25.77 0.78 0.00	22.82 0.70 0.00	22.38 0.66 0.00	22.73 0.68 0.00	27.52 0.88 0.00	34.86 1.31 0.00	31.84 1.33 0.00	31.91 1.35 0.00	32.52 1.45 0.00	38.70 1.82 0.00	34.10 1.63 0.00	38.30 1.86 0.00	54.24 2.85 0.00	35.43 1.92 0.00	32.46 1.63 -3.68	29.72 1.43 -4.17	27.60 1.59 0.00	30.00 1.60 -2.06	28.85 1.56 0.00	31.36 1.74 0.00	33.76 1.81 0.00	34.46 1.76 0.00	30.04 1.18 0.00
ROTTDAM_115KV_TB3 80664	27.85 0.82 0.00	25.71 0.73 0.00	22.80 0.68 0.00	22.37 0.65 0.00	22.73 0.68 0.00	27.49 0.85 0.00	34.79 1.25 0.00	31.75 1.24 0.00	31.81 1.26 0.00	32.40 1.33 0.00	38.54 1.65 0.00	33.90 1.43 0.00	37.96 1.51 0.00	53.74 2.35 0.00	35.05 1.54 0.00	33.29 1.33 -4.81	30.77 1.21 -5.44	27.30 1.29 0.00	30.34 1.32 -2.69	28.57 1.29 0.00	31.02 1.40 0.00	33.45 1.51 0.00	34.12 1.42 0.00	29.89 1.03 0.00
RUSSELL___1 23602	27.77 0.73 0.00	25.61 0.63 0.00	22.55 0.43 0.00	22.18 0.46 0.00	22.54 0.49 0.00	27.40 0.76 0.00	34.22 0.68 0.00	30.97 0.46 0.00	31.00 0.45 0.00	31.27 0.20 0.00	36.93 0.04 0.00	32.22 -0.26 0.00	36.34 -0.10 0.00	50.84 -0.56 0.00	33.17 -0.34 0.00	27.64 -0.39 -0.88	24.85 -0.26 -0.99	25.64 -0.37 0.00	26.51 -0.32 -0.49	27.17 -0.12 0.00	29.46 -0.16 0.00	31.60 -0.35 0.00	32.56 -0.14 0.00	28.93 0.07 0.00



RUSSELL___2 23532	27.77 0.73 0.00	25.61 0.63 0.00	22.55 0.43 0.00	22.18 0.46 0.00	22.54 0.49 0.00	27.40 0.76 0.00	34.22 0.68 0.00	30.97 0.46 0.00	31.00 0.45 0.00	31.27 0.20 0.00	36.93 0.04 0.00	32.22 -0.26 0.00	36.34 -0.10 0.00	50.84 -0.56 0.00	33.17 -0.34 0.00	27.64 -0.39 -0.88	24.85 -0.26 -0.99	25.64 -0.37 0.00	26.51 -0.32 -0.49	27.17 -0.12 0.00	29.46 -0.16 0.00	31.60 -0.35 0.00	32.56 -0.14 0.00	28.93 0.07 0.00
RUSSELL___3 23549	27.77 0.73 0.00	25.61 0.63 0.00	22.55 0.43 0.00	22.18 0.46 0.00	22.54 0.49 0.00	27.40 0.76 0.00	34.22 0.68 0.00	30.97 0.46 0.00	31.00 0.45 0.00	31.27 0.20 0.00	36.93 0.04 0.00	32.22 -0.26 0.00	36.34 -0.10 0.00	50.84 -0.56 0.00	33.17 -0.34 0.00	27.64 -0.39 -0.88	24.85 -0.26 -0.99	25.64 -0.37 0.00	26.51 -0.32 -0.49	27.17 -0.12 0.00	29.46 -0.16 0.00	31.60 -0.35 0.00	32.56 -0.14 0.00	28.93 0.07 0.00
RUSSELL___4 23556	27.77 0.73 0.00	25.61 0.63 0.00	22.55 0.43 0.00	22.18 0.46 0.00	22.54 0.49 0.00	27.40 0.76 0.00	34.22 0.68 0.00	30.97 0.46 0.00	31.00 0.45 0.00	31.27 0.20 0.00	36.93 0.04 0.00	32.22 -0.26 0.00	36.34 -0.10 0.00	50.84 -0.56 0.00	33.17 -0.34 0.00	27.64 -0.39 -0.88	24.85 -0.26 -0.99	25.64 -0.37 0.00	26.51 -0.32 -0.49	27.17 -0.12 0.00	29.46 -0.16 0.00	31.60 -0.35 0.00	32.56 -0.14 0.00	28.93 0.07 0.00
RUSSELL___STATION 23914	27.77 0.73 0.00	25.61 0.63 0.00	22.55 0.43 0.00	22.18 0.46 0.00	22.54 0.49 0.00	27.40 0.76 0.00	34.22 0.68 0.00	30.97 0.46 0.00	31.00 0.45 0.00	31.27 0.20 0.00	36.93 0.04 0.00	32.22 -0.26 0.00	36.34 -0.10 0.00	50.84 -0.56 0.00	33.17 -0.34 0.00	27.64 -0.39 -0.88	24.85 -0.26 -0.99	25.64 -0.37 0.00	26.51 -0.32 -0.49	27.17 -0.12 0.00	29.46 -0.16 0.00	31.60 -0.35 0.00	32.56 -0.14 0.00	28.93 0.07 0.00
S SALMON___HYD 24043	27.01 -0.02 0.00	24.97 -0.02 0.00	22.15 0.02 0.00	21.75 0.02 0.00	22.10 0.04 0.00	26.71 0.07 0.00	33.57 0.03 0.00	30.39 -0.12 0.00	30.44 -0.11 0.00	30.90 -0.16 0.00	36.63 -0.25 0.00	32.17 -0.31 0.00	36.04 -0.41 0.00	50.66 -0.74 0.00	32.85 -0.66 0.00	27.15 -0.60 -0.60	24.32 -0.48 -0.68	25.69 -0.32 0.00	26.43 -0.24 -0.33	27.07 -0.21 0.00	29.35 -0.27 0.00	31.69 -0.25 0.00	32.49 -0.21 0.00	28.79 -0.07 0.00
S.PERRY___115KV_TB1 80734	28.59 1.55 0.00	26.36 1.38 0.00	23.27 1.14 0.00	22.69 0.97 0.00	22.88 0.83 0.00	27.86 1.23 0.00	34.47 0.93 0.00	31.21 0.71 0.00	31.32 0.76 0.00	31.57 0.51 0.00	37.15 0.27 0.00	32.29 -0.19 0.00	36.35 -0.09 0.00	50.58 -0.81 0.00	33.03 -0.48 0.00	27.65 -0.56 -1.05	24.95 -0.37 -1.19	25.62 -0.39 0.00	26.69 -0.24 -0.59	27.24 -0.05 0.00	29.46 -0.16 0.00	31.49 -0.46 0.00	32.76 0.06 0.00	29.93 1.07 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.99 0.95 0.00	25.79 0.81 0.00	22.64 0.52 0.00	22.30 0.57 0.00	22.64 0.59 0.00	27.60 0.96 0.00	34.24 0.70 0.00	30.78 0.28 0.00	30.76 0.20 0.00	30.84 -0.22 0.00	36.27 -0.62 0.00	31.46 -1.01 0.00	35.61 -0.83 0.00	49.52 -1.87 0.00	32.36 -1.15 0.00	27.00 -1.15 -0.99	24.32 -0.92 -1.12	24.81 -1.20 0.00	25.72 -1.17 -0.55	26.46 -0.83 0.00	28.75 -0.87 0.00	30.85 -1.10 0.00	32.03 -0.67 0.00	28.55 -0.31 0.00
SAWYER___23_KV_LOAD 55526	27.99 0.95 0.00	25.79 0.81 0.00	22.64 0.52 0.00	22.30 0.57 0.00	22.64 0.59 0.00	27.60 0.96 0.00	34.24 0.70 0.00	30.78 0.28 0.00	30.76 0.20 0.00	30.84 -0.22 0.00	36.27 -0.62 0.00	31.46 -1.01 0.00	35.61 -0.83 0.00	49.52 -1.87 0.00	32.36 -1.15 0.00	27.00 -1.15 -0.99	24.32 -0.92 -1.12	24.81 -1.20 0.00	25.72 -1.17 -0.55	26.46 -0.83 0.00	28.75 -0.87 0.00	30.85 -1.10 0.00	32.03 -0.67 0.00	28.55 -0.31 0.00
SELKIRK___I 23801	27.61 0.58 0.00	25.50 0.52 0.00	22.64 0.51 0.00	22.21 0.49 0.00	22.57 0.52 0.00	27.30 0.67 0.00	34.52 0.98 0.00	31.48 0.97 0.00	31.51 0.96 0.00	32.12 1.05 0.00	38.19 1.31 0.00	33.61 1.14 0.00	37.62 1.17 0.00	53.32 1.92 0.00	34.80 1.29 0.00	32.81 1.15 -4.51	30.26 1.04 -5.10	27.12 1.11 0.00	29.98 1.13 -2.52	28.37 1.08 0.00	30.79 1.17 0.00	33.23 1.28 0.00	33.87 1.17 0.00	29.68 0.82 0.00
SELKIRK___II 23799	27.43 0.40 0.00	25.33 0.35 0.00	22.47 0.35 0.00	22.05 0.33 0.00	22.40 0.35 0.00	27.09 0.45 0.00	34.27 0.73 0.00	31.27 0.77 0.00	31.32 0.77 0.00	31.92 0.86 0.00	37.98 1.10 0.00	33.43 0.95 0.00	37.42 0.98 0.00	53.06 1.66 0.00	34.62 1.11 0.00	32.72 1.01 -4.56	30.18 0.90 -5.16	26.97 0.95 0.00	29.87 0.98 -2.55	28.21 0.92 0.00	30.63 1.01 0.00	33.05 1.10 0.00	33.69 0.99 0.00	29.50 0.64 0.00
SENECA OSWGO___HYD 24041	26.89 -0.14 0.00	24.83 -0.15 0.00	21.98 -0.15 0.00	21.59 -0.13 0.00	21.94 -0.12 0.00	26.49 -0.16 0.00	33.16 -0.38 0.00	30.00 -0.51 0.00	30.09 -0.47 0.00	30.55 -0.51 0.00	36.28 -0.61 0.00	31.85 -0.62 0.00	35.80 -0.65 0.00	50.39 -1.00 0.00	32.83 -0.68 0.00	27.25 -0.57 -0.67	24.42 -0.46 -0.75	25.50 -0.52 0.00	26.24 -0.48 -0.37	26.83 -0.45 0.00	29.14 -0.48 0.00	31.35 -0.60 0.00	32.17 -0.54 0.00	28.58 -0.28 0.00
SENECA___115KV_TB3 355854	28.33 1.29 0.00	26.11 1.13 0.00	22.92 0.80 0.00	22.57 0.85 0.00	22.91 0.86 0.00	27.94 1.30 0.00	34.75 1.21 0.00	31.27 0.77 0.00	31.29 0.73 0.00	31.41 0.35 0.00	36.96 0.07 0.00	32.08 -0.40 0.00	36.34 -0.11 0.00	50.53 -0.87 0.00	32.99 -0.52 0.00	27.49 -0.67 -1.01	24.76 -0.52 -1.15	25.24 -0.78 0.00	26.17 -0.74 -0.57	26.90 -0.38 0.00	29.26 -0.36 0.00	31.37 -0.57 0.00	32.55 -0.14 0.00	28.97 0.11 0.00
SENECA___ENERGY 23797	27.46 0.42 0.00	25.35 0.36 0.00	22.41 0.28 0.00	22.03 0.31 0.00	22.42 0.36 0.00	27.17 0.53 0.00	34.14 0.60 0.00	31.06 0.55 0.00	31.07 0.52 0.00	31.47 0.41 0.00	37.25 0.37 0.00	32.66 0.18 0.00	36.84 0.39 0.00	51.56 0.17 0.00	33.64 0.13 0.00	28.05 -0.02 -0.92	25.20 0.03 -1.04	26.04 0.02 0.00	26.95 0.09 -0.51	27.43 0.15 0.00	29.73 0.11 0.00	31.89 -0.05 0.00	32.74 0.04 0.00	28.95 0.09 0.00
SHOEMAKER___GT 23640	27.88 0.85 0.00	25.72 0.74 0.00	22.77 0.64 0.00	22.35 0.62 0.00	22.69 0.64 0.00	27.46 0.83 0.00	34.76 1.22 0.00	31.73 1.22 0.00	31.80 1.25 0.00	32.38 1.31 0.00	38.52 1.63 0.00	33.93 1.45 0.00	38.14 1.70 0.00	53.97 2.58 0.00	35.23 1.72 0.00	31.85 1.43 -3.26	29.06 1.25 -3.70	27.42 1.40 0.00	29.60 1.43 -1.82	28.71 1.43 0.00	31.19 1.57 0.00	33.55 1.61 0.00	34.25 1.55 0.00	29.89 1.03 0.00
SHOEMAKR_138KV_BK 111 55601	27.86 0.82 0.00	25.70 0.72 0.00	22.76 0.63 0.00	22.33 0.60 0.00	22.67 0.62 0.00	27.45 0.81 0.00	34.73 1.19 0.00	31.71 1.20 0.00	31.78 1.22 0.00	32.35 1.29 0.00	38.48 1.60 0.00	33.89 1.42 0.00	38.10 1.66 0.00	53.93 2.53 0.00	35.20 1.70 0.00	31.80 1.41 -3.24	29.03 1.24 -3.67	27.40 1.39 0.00	29.57 1.42 -1.81	28.70 1.41 0.00	31.17 1.55 0.00	33.54 1.59 0.00	34.23 1.53 0.00	29.87 1.01 0.00



SHOREHAM_IC_1 23715	28.49 1.45 0.00	25.82 0.84 0.00	22.83 0.71 0.00	20.90 0.68 1.50	22.79 0.75 0.01	27.74 1.10 0.00	35.48 1.94 0.00	32.29 1.79 0.00	32.55 1.99 0.00	33.02 1.96 0.00	39.82 2.93 0.00	35.59 3.11 0.00	39.70 3.25 0.00	55.63 4.24 0.00	36.90 3.39 0.00	33.63 2.75 -3.73	30.78 2.43 -4.23	28.76 2.75 0.00	31.08 2.66 -2.09	29.52 2.24 0.00	32.13 2.51 0.00	34.46 2.51 0.00	35.00 2.30 0.00	30.59 1.73 0.00
SHOREHAM_IC_2 23716	28.49 1.45 0.00	25.82 0.84 0.00	22.83 0.71 0.00	20.90 0.68 1.50	22.79 0.75 0.01	27.74 1.10 0.00	35.48 1.94 0.00	32.29 1.79 0.00	32.55 1.99 0.00	33.02 1.96 0.00	39.82 2.93 0.00	35.59 3.11 0.00	39.70 3.25 0.00	55.63 4.24 0.00	36.90 3.39 0.00	33.63 2.75 -3.73	30.78 2.43 -4.23	28.76 2.75 0.00	31.08 2.66 -2.09	29.52 2.24 0.00	32.13 2.51 0.00	34.46 2.51 0.00	35.00 2.30 0.00	30.59 1.73 0.00
SISSONVILLE____ 23735	27.00 -0.04 0.00	24.97 -0.01 0.00	22.13 0.01 0.00	21.74 0.01 0.00	21.90 -0.15 0.00	26.18 -0.46 0.00	33.20 -0.34 0.00	30.22 -0.28 0.00	30.24 -0.32 0.00	30.69 -0.37 0.00	36.37 -0.51 0.00	32.13 -0.34 0.00	35.95 -0.49 0.00	50.49 -0.90 0.00	32.94 -0.57 0.00	26.65 -0.63 -0.12	23.66 -0.60 -0.14	25.50 -0.52 0.00	25.84 -0.56 -0.07	26.67 -0.62 0.00	28.88 -0.74 0.00	31.51 -0.43 0.00	32.53 -0.17 0.00	28.90 0.04 0.00
SITHE_IND_GS1 24169	26.55 -0.49 0.00	24.52 -0.46 0.00	21.70 -0.42 0.00	21.32 -0.40 0.00	21.65 -0.40 0.00	26.13 -0.51 0.00	32.67 -0.87 0.00	29.56 -0.95 0.00	29.61 -0.94 0.00	30.06 -1.00 0.00	35.66 -1.22 0.00	31.34 -1.13 0.00	35.21 -1.23 0.00	49.56 -1.84 0.00	32.31 -1.20 0.00	26.72 -1.00 -0.57	23.90 -0.86 -0.64	25.07 -0.94 0.00	25.73 -0.93 -0.32	26.36 -0.93 0.00	28.61 -1.01 0.00	30.79 -1.15 0.00	31.62 -1.08 0.00	28.15 -0.71 0.00
SITHE_IND_GS2 24170	26.55 -0.49 0.00	24.52 -0.46 0.00	21.70 -0.42 0.00	21.32 -0.40 0.00	21.65 -0.40 0.00	26.13 -0.51 0.00	32.67 -0.87 0.00	29.56 -0.95 0.00	29.61 -0.94 0.00	30.06 -1.00 0.00	35.66 -1.22 0.00	31.34 -1.13 0.00	35.21 -1.23 0.00	49.56 -1.84 0.00	32.31 -1.20 0.00	26.72 -1.00 -0.57	23.90 -0.86 -0.64	25.07 -0.94 0.00	25.73 -0.93 -0.32	26.36 -0.93 0.00	28.61 -1.01 0.00	30.79 -1.15 0.00	31.62 -1.08 0.00	28.15 -0.71 0.00
SITHE_IND_GS3 24171	26.55 -0.49 0.00	24.52 -0.46 0.00	21.70 -0.42 0.00	21.32 -0.40 0.00	21.65 -0.40 0.00	26.13 -0.51 0.00	32.67 -0.87 0.00	29.56 -0.95 0.00	29.61 -0.94 0.00	30.06 -1.00 0.00	35.66 -1.22 0.00	31.34 -1.13 0.00	35.21 -1.23 0.00	49.56 -1.84 0.00	32.31 -1.20 0.00	26.72 -1.00 -0.57	23.90 -0.86 -0.64	25.07 -0.94 0.00	25.73 -0.93 -0.32	26.36 -0.93 0.00	28.61 -1.01 0.00	30.79 -1.15 0.00	31.62 -1.08 0.00	28.15 0.00 0.00
SITHE_IND_GS4 24172	26.55 -0.49 0.00	24.52 -0.46 0.00	21.70 -0.42 0.00	21.32 -0.40 0.00	21.65 -0.40 0.00	26.13 -0.51 0.00	32.67 -0.87 0.00	29.56 -0.95 0.00	29.61 -0.94 0.00	30.06 -1.00 0.00	35.66 -1.22 0.00	31.34 -1.13 0.00	35.21 -1.23 0.00	49.56 -1.84 0.00	32.31 -1.20 0.00	26.72 -1.00 -0.57	23.90 -0.86 -0.64	25.07 -0.94 0.00	25.73 -0.93 -0.32	26.36 -0.93 0.00	28.61 -1.01 0.00	30.79 -1.15 0.00	31.62 -1.08 0.00	28.15 -0.71 0.00
SITHE____BATAVIA 24024	28.41 1.38 0.00	26.18 1.20 0.00	23.00 0.87 0.00	22.63 0.91 0.00	22.98 0.92 0.00	28.02 1.38 0.00	34.87 1.33 0.00	31.43 0.92 0.00	31.48 0.93 0.00	31.62 0.55 0.00	37.23 0.35 0.00	32.36 -0.12 0.00	36.57 0.13 0.00	50.96 -0.43 0.00	33.27 -0.24 0.00	27.73 -0.36 -0.93	24.98 -0.20 -1.06	25.67 -0.34 0.00	26.58 -0.29 -0.52	27.29 0.01 0.00	29.59 -0.03 0.00	31.68 -0.26 0.00	32.78 0.08 0.00	29.18 0.32 0.00
SITHE____INDEPEND 23800	26.55 -0.49 0.00	24.52 -0.46 0.00	21.71 -0.42 0.00	21.32 -0.40 0.00	21.65 -0.40 0.00	26.13 -0.51 0.00	32.67 -0.87 0.00	29.56 -0.95 0.00	29.61 -0.94 0.00	30.06 -1.00 0.00	35.66 -1.22 0.00	31.34 -1.13 0.00	35.21 -1.23 0.00	49.56 -1.84 0.00	32.31 -1.20 0.00	26.72 -1.00 -0.57	23.90 -0.86 -0.64	25.07 -0.94 0.00	25.73 -0.93 -0.32	26.36 -0.93 0.00	28.61 -1.01 0.00	30.80 -1.15 0.00	31.63 -1.08 0.00	28.15 -0.71 0.00
SITHE____MASSENA 23902	27.05 0.01 0.00	25.01 0.03 0.00	22.13 0.00 0.00	21.74 0.01 0.00	22.00 -0.05 0.00	26.51 -0.13 0.00	33.48 -0.06 0.00	30.48 -0.02 0.00	30.55 0.00 0.00	30.99 -0.07 0.00	36.76 -0.12 0.00	32.48 0.00 0.00	36.42 -0.02 0.00	51.23 -0.17 0.00	33.41 -0.10 0.00	27.00 -0.15 0.00	23.97 -0.16 0.00	25.86 -0.16 0.00	26.13 -0.21 0.00	27.06 -0.23 0.00	29.36 -0.27 0.00	31.82 -0.12 0.00	32.64 -0.06 0.00	28.88 0.02 0.00
SITHE____OGDNSBRG 24021	27.93 0.90 0.00	25.82 0.84 0.00	22.87 0.75 0.00	22.50 0.78 0.00	22.70 0.65 0.00	27.23 0.60 0.00	34.70 1.16 0.00	31.74 1.23 0.00	31.73 1.17 0.00	32.16 1.10 0.00	38.01 1.13 0.00	33.52 1.05 0.00	37.49 1.05 0.00	52.66 1.27 0.00	34.35 0.85 0.00	27.74 0.47 -0.12	24.67 0.41 -0.14	26.68 0.67 0.00	27.07 0.67 -0.07	27.95 0.66 0.00	30.22 0.59 0.00	32.84 0.90 0.00	33.80 1.10 0.00	29.97 1.11 0.00
SITHE____STERLING 23777	27.86 0.83 0.00	25.76 0.77 0.00	22.83 0.71 0.00	22.44 0.72 0.00	22.80 0.75 0.00	27.62 0.98 0.00	34.96 1.42 0.00	31.88 1.37 0.00	31.98 1.43 0.00	32.50 1.44 0.00	38.54 1.65 0.00	33.86 1.39 0.00	37.96 1.52 0.00	53.43 2.04 0.00	34.76 1.25 0.00	28.52 0.99 -0.38	25.42 0.87 -0.43	27.08 1.07 0.00	27.70 1.15 -0.21	28.48 1.19 0.00	30.85 1.23 0.00	33.18 1.23 0.00	33.91 1.21 0.00	29.87 1.01 0.00
SLEIGHT__34_KV_TB1 80719	27.34 0.30 0.00	25.23 0.25 0.00	22.28 0.15 0.00	21.92 0.19 0.00	22.29 0.24 0.00	27.04 0.40 0.00	33.90 0.36 0.00	30.77 0.26 0.00	30.80 0.25 0.00	31.13 0.06 0.00	36.81 -0.07 0.00	32.23 -0.25 0.00	36.33 -0.11 0.00	50.89 -0.50 0.00	33.21 -0.30 0.00	27.67 -0.35 -0.87	24.88 -0.24 -0.99	25.71 -0.30 0.00	26.58 -0.24 -0.49	27.14 -0.15 0.00	29.39 -0.23 0.00	31.54 -0.40 0.00	32.43 -0.27 0.00	28.74 -0.12 0.00
SOUTH CAIRO____GT 23612	28.23 1.19 0.00	26.04 1.06 0.00	23.10 0.98 0.00	22.67 0.95 0.00	23.07 1.02 0.00	27.95 1.31 0.00	35.59 2.05 0.00	32.55 2.04 0.00	32.62 2.07 0.00	33.24 2.18 0.00	39.52 2.64 0.00	34.72 2.24 0.00	38.82 2.37 0.00	55.01 3.62 0.00	35.89 2.38 0.00	33.53 2.05 -4.33	30.84 1.82 -4.90	28.03 2.02 0.00	30.87 2.11 -2.42	29.35 2.06 0.00	31.84 2.22 0.00	34.26 2.32 0.00	34.79 2.09 0.00	30.41 1.55 0.00
SOUTH HAMPTN____IC 23720	28.91 1.88 0.00	26.22 1.24 0.00	23.18 1.06 0.00	21.26 1.03 1.49	23.14 1.10 0.01	28.19 1.55 0.00	36.14 2.60 0.00	32.86 2.35 0.00	33.13 2.58 0.00	33.70 2.64 0.00	40.65 3.76 0.00	36.21 3.73 0.00	40.40 3.96 0.00	56.60 5.21 0.00	37.53 4.02 0.00	34.14 3.25 -3.73	31.24 2.89 -4.23	29.26 3.25 0.00	31.60 3.18 -2.09	30.07 2.78 0.00	32.69 3.07 0.00	35.02 3.07 0.00	35.56 2.86 0.00	31.03 2.17 0.00



SOUTHDOWN_115KV_TB1 355954	29.36 2.32 0.00	27.06 2.08 0.00	23.75 1.62 0.00	23.35 1.63 0.00	23.64 1.58 0.00	28.92 2.28 0.00	36.26 2.72 0.00	32.82 2.31 0.00	32.90 2.35 0.00	33.11 2.05 0.00	39.00 2.12 0.00	33.94 1.47 0.00	38.51 2.06 0.00	53.64 2.24 0.00	34.87 1.37 0.00	28.99 0.78 -1.06	25.89 0.57 -1.20	26.18 0.16 0.00	27.24 0.31 -0.59	28.14 0.85 0.00	30.77 1.15 0.00	32.97 1.02 0.00	34.15 1.46 0.00	30.21 1.35 0.00
SOUTHOLD_69_KV_BK 2 55809	29.21 2.18 0.00	26.49 1.50 0.00	23.41 1.28 0.00	21.50 1.26 1.49	23.38 1.34 0.01	28.49 1.85 0.00	36.55 3.01 0.00	33.24 2.74 0.00	33.54 2.98 0.00	34.13 3.07 0.00	41.14 4.26 0.00	36.64 4.17 0.00	40.90 4.46 0.00	57.28 5.89 0.00	37.95 4.45 0.00	34.48 3.59 -3.73	31.56 3.21 -4.23	29.62 3.60 0.00	31.98 3.55 -2.09	30.44 3.16 0.00	33.08 3.46 0.00	35.41 3.46 0.00	35.93 3.23 0.00	31.34 2.48 0.00
SOUTHOLD___IC 23719	29.21 2.17 0.00	26.49 1.50 0.00	23.40 1.28 0.00	21.50 1.26 1.49	23.38 1.34 0.01	28.49 1.85 0.00	36.55 3.01 0.00	33.24 2.73 0.00	33.54 2.99 0.00	34.13 3.07 0.00	41.14 4.26 0.00	36.64 4.17 0.00	40.90 4.45 0.00	57.27 5.88 0.00	37.95 4.45 0.00	34.48 3.59 -3.73	31.56 3.21 -4.23	29.62 3.61 0.00	31.98 3.55 -2.09	30.44 3.15 0.00	33.08 3.45 0.00	35.41 3.46 0.00	35.93 3.23 0.00	31.34 2.48 0.00
SPIERFLS_115KV_TB 1 80737	28.27 1.24 0.00	26.02 1.04 0.00	23.03 0.90 0.00	22.58 0.86 0.00	23.00 0.94 0.00	27.94 1.30 0.00	35.48 1.94 0.00	32.47 1.97 0.00	32.58 2.02 0.00	33.20 2.13 0.00	39.58 2.69 0.00	34.77 2.30 0.00	38.83 2.39 0.00	55.01 3.62 0.00	35.81 2.30 0.00	33.87 1.95 -4.76	31.31 1.80 -5.39	27.84 1.82 0.00	30.85 1.85 -2.66	29.09 1.80 0.00	31.58 1.96 0.00	34.16 2.21 0.00	34.74 2.03 0.00	30.29 1.44 0.00
ST LAWRENCE____ 23600	26.75 -0.28 0.00	24.74 -0.24 0.00	21.89 -0.24 0.00	21.49 -0.23 0.00	21.78 -0.27 0.00	26.27 -0.37 0.00	33.14 -0.40 0.00	30.19 -0.32 0.00	30.21 -0.35 0.00	30.70 -0.36 0.00	36.43 -0.45 0.00	32.18 -0.29 0.00	36.12 -0.33 0.00	50.81 -0.59 0.00	33.12 -0.38 0.00	26.80 -0.36 0.00	23.78 -0.34 0.00	25.64 -0.37 0.00	25.91 -0.43 0.00	26.83 -0.45 0.00	29.12 -0.50 0.00	31.53 -0.41 0.00	32.31 -0.39 0.00	28.57 -0.29 0.00
STATE_CA_115KV_115_LB 55624	27.43 0.39 0.00	25.32 0.34 0.00	22.46 0.33 0.00	22.03 0.30 0.00	22.39 0.34 0.00	27.11 0.47 0.00	34.32 0.78 0.00	31.35 0.85 0.00	31.41 0.85 0.00	32.02 0.96 0.00	38.12 1.24 0.00	33.54 1.07 0.00	37.52 1.07 0.00	53.24 1.84 0.00	34.74 1.23 0.00	32.92 1.12 -4.64	30.38 1.01 -5.25	27.09 1.07 0.00	30.03 1.09 -2.59	28.31 1.03 0.00	30.73 1.11 0.00	33.14 1.20 0.00	33.75 1.05 0.00	29.54 0.67 0.00
STATE_ST_34_KV_LOAD 55959	27.64 0.61 0.00	25.53 0.55 0.00	22.59 0.46 0.00	22.27 0.54 0.00	22.66 0.61 0.00	27.37 0.73 0.00	34.33 0.79 0.00	31.33 0.82 0.00	31.35 0.79 0.00	31.80 0.73 0.00	37.56 0.68 0.00	33.05 0.57 0.00	37.26 0.81 0.00	52.27 0.88 0.00	34.07 0.56 0.00	28.36 0.29 -0.92	25.53 0.37 -1.04	26.41 0.40 0.00	27.36 0.50 -0.51	27.76 0.47 0.00	30.08 0.46 0.00	32.36 0.41 0.00	33.19 0.49 0.00	29.30 0.44 0.00
STATION 5_MISC_HYD 23604	27.67 0.64 0.00	25.52 0.54 0.00	22.48 0.36 0.00	22.11 0.39 0.00	22.47 0.42 0.00	27.31 0.67 0.00	34.08 0.54 0.00	30.83 0.32 0.00	30.85 0.29 0.00	31.11 0.05 0.00	36.74 -0.14 0.00	32.05 -0.42 0.00	36.16 -0.28 0.00	50.58 -0.81 0.00	33.00 -0.50 0.00	27.51 -0.52 -0.88	24.73 -0.39 -0.99	25.50 -0.51 0.00	26.37 -0.46 -0.49	27.02 -0.27 0.00	29.30 -0.33 0.00	31.44 -0.51 0.00	32.41 -0.29 0.00	28.81 -0.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.71 0.67 0.00	25.56 0.58 0.00	22.56 0.44 0.00	22.18 0.46 0.00	22.55 0.50 0.00	27.39 0.75 0.00	34.34 0.80 0.00	31.16 0.65 0.00	31.20 0.64 0.00	31.52 0.46 0.00	37.31 0.42 0.00	32.62 0.15 0.00	36.77 0.33 0.00	51.48 0.09 0.00	33.60 0.09 0.00	27.99 -0.05 -0.88	25.15 0.02 -1.00	25.99 -0.03 0.00	26.87 0.04 -0.49	27.45 0.17 0.00	29.76 0.14 0.00	31.91 -0.04 0.00	32.81 0.10 0.00	29.07 0.21 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.48 0.44 0.00	25.34 0.36 0.00	22.33 0.21 0.00	21.96 0.24 0.00	22.32 0.27 0.00	27.12 0.48 0.00	33.88 0.34 0.00	30.66 0.16 0.00	30.69 0.14 0.00	30.96 -0.10 0.00	36.59 -0.30 0.00	31.93 -0.54 0.00	36.01 -0.43 0.00	50.40 -0.99 0.00	32.90 -0.61 0.00	27.42 -0.61 -0.87	24.65 -0.47 -0.99	25.43 -0.59 0.00	26.28 -0.55 -0.49	26.92 -0.37 0.00	29.17 -0.45 0.00	31.31 -0.64 0.00	32.25 -0.45 0.00	28.66 -0.20 0.00
STA_56___34_KV_BUS2 355983	27.48 0.44 0.00	25.34 0.36 0.00	22.33 0.21 0.00	21.96 0.24 0.00	22.32 0.27 0.00	27.12 0.48 0.00	33.88 0.34 0.00	30.66 0.16 0.00	30.69 0.14 0.00	30.96 -0.10 0.00	36.59 -0.30 0.00	31.93 -0.54 0.00	36.01 -0.43 0.00	50.40 -0.99 0.00	32.90 -0.61 0.00	27.42 -0.61 -0.87	24.65 -0.47 -0.99	25.43 -0.59 0.00	26.28 -0.55 -0.49	26.92 -0.37 0.00	29.17 -0.45 0.00	31.31 -0.64 0.00	32.25 -0.45 0.00	28.66 -0.20 0.00
STA_67___115KV_BK2 355882	27.63 0.60 0.00	25.48 0.50 0.00	22.44 0.32 0.00	22.07 0.35 0.00	22.43 0.37 0.00	27.26 0.62 0.00	34.02 0.47 0.00	30.76 0.26 0.00	30.78 0.23 0.00	31.03 -0.03 0.00	36.65 -0.23 0.00	31.97 -0.50 0.00	36.06 -0.38 0.00	50.45 -0.94 0.00	32.93 -0.57 0.00	27.45 -0.59 -0.88	24.67 -0.44 -0.99	25.44 -0.58 0.00	26.30 -0.53 -0.49	26.95 -0.33 0.00	29.23 -0.39 0.00	31.37 -0.58 0.00	32.35 -0.35 0.00	28.75 -0.10 0.00
STA_7___115KV_9TRANS 80674	27.77 0.73 0.00	25.61 0.63 0.00	22.55 0.43 0.00	22.18 0.46 0.00	22.54 0.49 0.00	27.40 0.76 0.00	34.22 0.68 0.00	30.97 0.46 0.00	31.00 0.45 0.00	31.27 0.20 0.00	36.93 0.04 0.00	32.22 -0.26 0.00	36.34 -0.10 0.00	50.84 -0.56 0.00	33.17 -0.34 0.00	27.64 -0.39 -0.88	24.85 -0.26 -0.99	25.64 -0.37 0.00	26.51 -0.32 -0.49	27.17 -0.12 0.00	29.46 -0.16 0.00	31.60 -0.35 0.00	32.56 -0.14 0.00	28.93 0.07 0.00
STA_82___115KV_TB1 80780	27.64 0.61 0.00	25.50 0.51 0.00	22.46 0.33 0.00	22.09 0.36 0.00	22.44 0.38 0.00	27.28 0.64 0.00	34.04 0.50 0.00	30.78 0.27 0.00	30.81 0.25 0.00	31.05 -0.01 0.00	36.68 -0.21 0.00	31.99 -0.48 0.00	36.09 -0.36 0.00	50.48 -0.92 0.00	32.94 -0.57 0.00	27.46 -0.57 -0.88	24.69 -0.43 -1.00	25.46 -0.56 0.00	26.32 -0.52 -0.49	26.97 -0.32 0.00	29.25 -0.37 0.00	31.38 -0.57 0.00	32.36 -0.34 0.00	28.78 -0.08 0.00
STEEL___WIND 323596	28.31 1.27 0.00	26.09 1.11 0.00	22.90 0.77 0.00	22.55 0.83 0.00	22.89 0.84 0.00	27.93 1.29 0.00	34.73 1.19 0.00	31.26 0.75 0.00	31.26 0.70 0.00	31.38 0.32 0.00	36.93 0.05 0.00	32.06 -0.42 0.00	36.32 -0.12 0.00	50.47 -0.92 0.00	32.95 -0.55 0.00	27.47 -0.70 -1.01	24.73 -0.54 -1.15	25.21 -0.80 0.00	26.15 -0.76 -0.57	26.87 -0.42 0.00	29.22 -0.40 0.00	31.34 -0.60 0.00	32.51 -0.19 0.00	28.94 0.08 0.00



STEPHTWN_115KV_BK_2 55603	27.56 0.53 0.00	25.46 0.47 0.00	22.53 0.40 0.00	22.10 0.38 0.00	22.52 0.47 0.00	27.30 0.66 0.00	34.57 1.03 0.00	31.57 1.06 0.00	31.63 1.07 0.00	32.24 1.17 0.00	38.40 1.52 0.00	33.74 1.26 0.00	37.78 1.33 0.00	53.65 2.26 0.00	34.98 1.48 0.00	33.02 1.28 -4.58	30.52 1.21 -5.19	27.31 1.30 0.00	30.26 1.36 -2.56	28.54 1.25 0.00	31.01 1.38 0.00	33.47 1.52 0.00	33.94 1.24 0.00	29.71 0.85 0.00
STEUBEN_REC_LFGE 323667	28.27 1.24 0.00	25.92 0.94 0.00	23.05 0.93 0.00	22.81 1.09 0.00	23.17 1.12 0.00	28.19 1.55 0.00	35.36 1.82 0.00	32.05 1.54 0.00	32.06 1.51 0.00	32.23 1.17 0.00	37.99 1.11 0.00	33.07 0.60 0.00	37.46 1.01 0.00	52.01 0.62 0.00	33.72 0.21 0.00	28.31 -0.05 -1.21	25.44 -0.06 -1.37	26.02 0.00 0.00	27.14 0.12 -0.68	27.44 0.15 0.00	29.56 -0.06 0.00	31.57 -0.38 0.00	32.62 -0.08 0.00	29.24 0.38 0.00
STILLWATER___SOLAR 323814	28.23 1.19 0.00	26.02 1.04 0.00	23.05 0.92 0.00	22.61 0.88 0.00	23.01 0.96 0.00	27.88 1.24 0.00	35.34 1.80 0.00	32.30 1.80 0.00	32.36 1.81 0.00	32.96 1.90 0.00	39.26 2.37 0.00	34.50 2.03 0.00	38.59 2.14 0.00	54.68 3.29 0.00	35.65 2.14 0.00	33.73 1.83 -4.74	31.15 1.65 -5.37	27.75 1.74 0.00	30.75 1.76 -2.65	29.01 1.72 0.00	31.51 1.88 0.00	34.00 2.06 0.00	34.63 1.93 0.00	30.29 1.43 0.00
STONY___BROOK 24151	28.47 1.43 0.00	25.91 0.93 0.00	22.91 0.78 0.00	20.74 0.71 1.69	22.84 0.80 0.01	27.80 1.16 0.00	35.64 2.11 0.00	32.43 1.92 0.00	32.56 2.00 0.00	33.13 2.07 0.00	40.05 3.16 0.00	35.63 3.15 0.00	39.84 3.39 0.00	55.90 4.50 0.00	37.00 3.49 0.00	33.72 2.83 -3.73	30.84 2.49 -4.23	28.73 2.71 0.00	31.05 2.62 -2.09	29.57 2.28 0.00	32.12 2.50 0.00	34.49 2.54 0.00	35.15 2.45 0.00	30.66 1.80 0.00
STURGEON_POOL_HYD 23609	28.05 1.01 0.00	25.86 0.88 0.00	22.91 0.78 0.00	22.46 0.74 0.00	22.81 0.75 0.00	27.60 0.96 0.00	35.01 1.47 0.00	32.08 1.57 0.00	32.17 1.62 0.00	32.79 1.72 0.00	39.00 2.12 0.00	34.40 1.93 0.00	38.67 2.23 0.00	54.75 3.36 0.00	35.77 2.26 0.00	32.80 1.87 -3.77	30.02 1.62 -4.27	27.86 1.84 0.00	30.32 1.88 -2.11	29.16 1.87 0.00	31.68 2.06 0.00	34.07 2.13 0.00	34.76 2.07 0.00	30.27 1.41 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.91 0.87 0.00	25.74 0.75 0.00	22.78 0.65 0.00	22.35 0.63 0.00	22.69 0.63 0.00	27.48 0.84 0.00	34.79 1.25 0.00	31.78 1.27 0.00	31.86 1.30 0.00	32.43 1.37 0.00	38.58 1.70 0.00	33.99 1.52 0.00	38.24 1.80 0.00	54.14 2.74 0.00	35.35 1.84 0.00	32.03 1.53 -3.34	29.25 1.35 -3.78	27.53 1.52 0.00	29.76 1.56 -1.87	28.83 1.54 0.00	31.32 1.70 0.00	33.69 1.74 0.00	34.37 1.67 0.00	29.95 1.09 0.00
SWANROAD_115KV_TB1 355699	27.64 0.60 0.00	25.47 0.49 0.00	22.34 0.21 0.00	22.00 0.28 0.00	22.34 0.29 0.00	27.25 0.61 0.00	33.60 0.06 0.00	30.02 -0.49 0.00	30.00 -0.56 0.00	30.03 -1.03 0.00	35.32 -1.56 0.00	30.62 -1.85 0.00	34.64 -1.80 0.00	48.12 -3.27 0.00	31.50 -2.01 0.00	26.31 -1.82 -0.97	23.72 -1.50 -1.10	24.19 -1.83 0.00	25.06 -1.82 -0.54	25.78 -1.51 0.00	28.01 -1.61 0.00	30.04 -1.90 0.00	31.27 -1.43 0.00	27.94 -0.92 0.00
SYNERGY___BIOGAS 323694	28.41 1.38 0.00	26.18 1.20 0.00	23.00 0.87 0.00	22.63 0.91 0.00	22.98 0.92 0.00	28.02 1.38 0.00	34.87 1.33 0.00	31.43 0.92 0.00	31.48 0.93 0.00	31.62 0.55 0.00	37.23 0.35 0.00	32.36 -0.12 0.00	36.57 0.13 0.00	50.96 -0.43 0.00	33.27 -0.24 0.00	27.73 -0.36 -0.93	24.98 -0.20 -1.06	25.67 -0.34 0.00	26.58 -0.29 -0.52	27.29 0.01 0.00	29.59 -0.03 0.00	31.68 -0.26 0.00	32.78 0.08 0.00	29.18 0.32 0.00
SYRACUSE___ENERGY_ST1 323597	27.34 0.30 0.00	25.25 0.26 0.00	22.34 0.21 0.00	21.97 0.24 0.00	22.33 0.28 0.00	26.97 0.33 0.00	33.87 0.33 0.00	30.74 0.23 0.00	30.81 0.25 0.00	31.26 0.19 0.00	37.07 0.19 0.00	32.56 0.09 0.00	36.64 0.20 0.00	51.53 0.14 0.00	33.55 0.05 0.00	27.96 -0.02 -0.82	25.08 0.03 -0.93	26.05 0.03 0.00	26.88 0.09 -0.46	27.41 0.12 0.00	29.73 0.10 0.00	31.96 0.01 0.00	32.81 0.11 0.00	29.05 0.19 0.00
SYRACUSE___ENERGY_ST2 323598	27.34 0.30 0.00	25.25 0.26 0.00	22.34 0.21 0.00	21.97 0.24 0.00	22.33 0.28 0.00	26.97 0.33 0.00	33.87 0.33 0.00	30.74 0.23 0.00	30.81 0.25 0.00	31.26 0.19 0.00	37.07 0.19 0.00	32.56 0.09 0.00	36.64 0.20 0.00	51.53 0.14 0.00	33.55 0.05 0.00	27.96 -0.02 -0.82	25.08 0.03 -0.93	26.05 0.03 0.00	26.88 0.09 -0.46	27.41 0.12 0.00	29.73 0.10 0.00	31.96 0.01 0.00	32.81 0.11 0.00	29.05 0.19 0.00
SYRACUSE___POWER 24017	27.29 0.25 0.00	25.20 0.22 0.00	22.30 0.17 0.00	21.91 0.18 0.00	22.26 0.21 0.00	26.91 0.27 0.00	33.79 0.25 0.00	30.67 0.16 0.00	30.75 0.19 0.00	31.21 0.15 0.00	37.03 0.14 0.00	32.51 0.04 0.00	36.56 0.12 0.00	51.42 0.03 0.00	33.48 -0.03 0.00	27.93 -0.05 -0.82	25.03 -0.02 -0.93	26.00 -0.02 0.00	26.82 0.02 -0.46	27.35 0.06 0.00	29.67 0.05 0.00	31.90 -0.05 0.00	32.76 0.06 0.00	29.01 0.15 0.00
TALLMAN__138KV_BK151 55660	27.92 0.88 0.00	25.73 0.74 0.00	22.76 0.64 0.00	22.33 0.61 0.00	22.66 0.61 0.00	27.47 0.84 0.00	34.79 1.25 0.00	31.76 1.25 0.00	31.82 1.27 0.00	32.40 1.34 0.00	38.54 1.66 0.00	33.96 1.48 0.00	38.25 1.81 0.00	54.18 2.78 0.00	35.37 1.86 0.00	32.11 1.55 -3.41	29.34 1.36 -3.86	27.56 1.55 0.00	29.83 1.58 -1.90	28.85 1.56 0.00	31.36 1.74 0.00	33.73 1.78 0.00	34.39 1.69 0.00	29.93 1.08 0.00
TEALLAVE_115KV_TB7 355573	27.10 0.07 0.00	25.04 0.06 0.00	22.15 0.03 0.00	21.76 0.04 0.00	22.11 0.06 0.00	26.72 0.07 0.00	33.51 -0.03 0.00	30.39 -0.12 0.00	30.46 -0.09 0.00	30.91 -0.15 0.00	36.68 -0.20 0.00	32.21 -0.26 0.00	36.21 -0.23 0.00	50.92 -0.48 0.00	33.16 -0.34 0.00	27.60 -0.31 -0.75	24.72 -0.25 -0.85	25.74 -0.27 0.00	26.52 -0.24 -0.42	27.08 -0.21 0.00	29.37 -0.25 0.00	31.61 -0.34 0.00	32.48 -0.22 0.00	28.80 -0.06 0.00
TELEGRAPH_34_KV_EAST 80808	28.06 1.03 0.00	25.86 0.88 0.00	22.70 0.57 0.00	22.35 0.62 0.00	22.67 0.62 0.00	27.62 0.98 0.00	34.22 0.68 0.00	30.73 0.22 0.00	30.74 0.18 0.00	30.83 -0.23 0.00	36.27 -0.61 0.00	31.48 -0.99 0.00	35.61 -0.83 0.00	49.54 -1.86 0.00	32.39 -1.12 0.00	27.01 -1.10 -0.95	24.35 -0.85 -1.08	24.93 -1.09 0.00	25.80 -1.06 -0.53	26.54 -0.75 0.00	28.81 -0.82 0.00	30.87 -1.08 0.00	32.06 -0.64 0.00	28.59 -0.28 0.00
TEMPLE___115KV_TB 2 55572	27.14 0.10 0.00	25.07 0.09 0.00	22.18 0.05 0.00	21.78 0.06 0.00	22.13 0.08 0.00	26.74 0.10 0.00	33.55 0.01 0.00	30.43 -0.08 0.00	30.50 -0.06 0.00	30.96 -0.11 0.00	36.73 -0.15 0.00	32.25 -0.22 0.00	36.27 -0.18 0.00	50.98 -0.41 0.00	33.20 -0.31 0.00	27.64 -0.27 -0.76	24.76 -0.22 -0.86	25.77 -0.24 0.00	26.55 -0.21 -0.42	27.11 -0.18 0.00	29.41 -0.21 0.00	31.64 -0.30 0.00	32.51 -0.19 0.00	28.83 -0.04 0.00



TIANA____69_KV_BK 1 55817	28.81 1.77 0.00	26.13 1.15 0.00	23.10 0.97 0.00	21.18 0.95 1.49	23.06 1.01 0.01	28.08 1.44 0.00	36.01 2.47 0.00	32.73 2.22 0.00	33.00 2.44 0.00	33.57 2.50 0.00	40.47 3.59 0.00	36.05 3.58 0.00	40.25 3.80 0.00	56.40 5.01 0.00	37.38 3.88 0.00	34.02 3.13 -3.73	31.14 2.79 -4.23	29.14 3.13 0.00	31.49 3.06 -2.09	29.94 2.66 0.00	32.56 2.94 0.00	34.89 2.94 0.00	35.43 2.73 0.00	30.92 2.06 0.00
TILDEN____115KV_TB1 80814	27.29 0.25 0.00	25.20 0.22 0.00	22.30 0.17 0.00	21.91 0.18 0.00	22.26 0.21 0.00	26.91 0.27 0.00	33.79 0.25 0.00	30.67 0.16 0.00	30.75 0.19 0.00	31.21 0.15 0.00	37.03 0.14 0.00	32.51 0.04 0.00	36.56 0.12 0.00	51.42 0.03 0.00	33.48 -0.03 0.00	27.93 -0.05 -0.82	25.03 -0.02 -0.93	26.00 -0.02 0.00	26.82 0.02 -0.46	27.35 0.06 0.00	29.67 0.05 0.00	31.90 -0.05 0.00	32.76 0.06 0.00	29.01 0.15 0.00
TRIGEN____CC 323695	28.41 1.37 0.00	26.14 1.16 0.00	23.13 1.01 0.00	22.63 0.91 0.00	22.98 0.93 0.00	27.89 1.26 0.00	35.46 1.91 0.00	32.31 1.80 0.00	32.30 1.75 0.00	32.88 1.81 0.00	39.42 2.54 0.00	34.81 2.33 0.00	39.09 2.65 0.00	55.21 3.81 0.00	36.21 2.70 0.00	33.16 2.27 -3.73	30.32 1.97 -4.23	28.14 2.12 0.00	30.52 2.10 -2.09	29.25 1.96 0.00	31.77 2.15 0.00	34.23 2.28 0.00	35.01 2.31 0.00	30.46 1.60 0.00
TRINITY__115KV__ 4 BK 55933	27.33 0.30 0.00	25.23 0.25 0.00	22.37 0.25 0.00	21.95 0.23 0.00	22.31 0.26 0.00	27.01 0.37 0.00	34.18 0.64 0.00	31.22 0.71 0.00	31.27 0.71 0.00	31.87 0.81 0.00	37.95 1.07 0.00	33.39 0.91 0.00	37.34 0.89 0.00	53.00 1.61 0.00	34.58 1.07 0.00	32.74 0.99 -4.59	30.21 0.88 -5.20	26.95 0.94 0.00	29.87 0.97 -2.57	28.18 0.89 0.00	30.60 0.97 0.00	33.01 1.06 0.00	33.62 0.92 0.00	29.43 0.57 0.00
UNION____PROCESSING_DRP 323587	27.66 0.62 0.00	25.50 0.52 0.00	22.46 0.34 0.00	22.09 0.37 0.00	22.45 0.39 0.00	27.29 0.65 0.00	34.05 0.51 0.00	30.79 0.29 0.00	30.82 0.26 0.00	31.07 0.01 0.00	36.69 -0.19 0.00	32.00 -0.47 0.00	36.10 -0.34 0.00	50.50 -0.90 0.00	32.96 -0.55 0.00	27.48 -0.56 -0.88	24.70 -0.42 -1.00	25.47 -0.55 0.00	26.33 -0.50 -0.49	26.98 -0.31 0.00	29.25 -0.37 0.00	31.40 -0.55 0.00	32.37 -0.33 0.00	28.78 -0.08 0.00
UPPER HUDSON____HYD 24058	28.27 1.24 0.00	26.02 1.04 0.00	23.03 0.90 0.00	22.58 0.86 0.00	23.00 0.94 0.00	27.94 1.30 0.00	35.48 1.94 0.00	32.47 1.97 0.00	32.58 2.02 0.00	33.20 2.13 0.00	39.58 2.69 0.00	34.77 2.30 0.00	38.83 2.39 0.00	55.02 3.62 0.00	35.81 2.30 0.00	33.87 1.95 -4.76	31.31 1.80 -5.39	27.84 1.83 0.00	30.85 1.85 -2.66	29.09 1.80 0.00	31.58 1.96 0.00	34.16 2.21 0.00	34.74 2.03 0.00	30.29 1.44 0.00
UPPER RAQUET____HYD 24056	27.00 -0.04 0.00	24.97 -0.01 0.00	22.13 0.01 0.00	21.74 0.01 0.00	21.90 -0.15 0.00	26.18 -0.46 0.00	33.20 -0.34 0.00	30.22 -0.28 0.00	30.24 -0.32 0.00	30.69 -0.37 0.00	36.37 -0.51 0.00	32.13 -0.34 0.00	35.95 -0.49 0.00	50.49 -0.90 0.00	32.94 -0.57 0.00	26.65 -0.63 -0.12	23.66 -0.60 -0.14	25.50 -0.52 0.00	25.84 -0.56 -0.07	26.67 -0.62 0.00	28.88 -0.74 0.00	31.51 -0.43 0.00	32.53 -0.17 0.00	28.90 0.04 0.00
VALLEY44_115KV_TB2 355964	28.82 1.78 0.00	26.60 1.62 0.00	23.41 1.29 0.00	23.06 1.34 0.00	23.34 1.29 0.00	28.36 1.72 0.00	35.40 1.86 0.00	32.12 1.61 0.00	32.09 1.53 0.00	32.31 1.25 0.00	38.14 1.25 0.00	33.27 0.79 0.00	37.83 1.38 0.00	52.76 1.37 0.00	34.27 0.76 0.00	28.54 0.31 -1.07	25.62 0.29 -1.21	26.19 0.17 0.00	27.18 0.24 -0.60	27.94 0.65 0.00	30.42 0.80 0.00	32.60 0.65 0.00	33.80 1.10 0.00	29.80 0.94 0.00
VALLEY____115KV_TB 1-4 80826	27.12 0.08 0.00	25.03 0.05 0.00	22.23 0.10 0.00	21.87 0.15 0.00	22.25 0.19 0.00	27.10 0.46 0.00	34.42 0.88 0.00	31.48 0.97 0.00	31.56 1.00 0.00	32.13 1.07 0.00	38.16 1.28 0.00	33.46 0.99 0.00	37.35 0.90 0.00	52.72 1.33 0.00	34.28 0.78 0.00	27.91 0.66 -0.09	24.88 0.65 -0.10	26.75 0.74 0.00	27.22 0.83 -0.05	28.21 0.92 0.00	30.58 0.96 0.00	32.84 0.90 0.00	33.39 0.69 0.00	29.21 0.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.04 1.00 0.00	25.92 0.94 0.00	22.98 0.86 0.00	22.57 0.85 0.00	22.91 0.85 0.00	27.67 1.03 0.00	34.94 1.40 0.00	31.95 1.44 0.00	33.37 2.81 0.00	33.92 2.86 0.00	40.20 3.31 0.00	35.20 2.72 0.00	39.69 3.25 0.00	55.64 4.24 0.00	34.98 1.47 0.00	30.18 1.18 -1.85	27.27 1.06 -2.09	27.21 1.19 0.00	28.63 1.26 -1.03	28.62 1.33 0.00	31.04 1.42 0.00	33.37 1.42 0.00	34.11 1.41 0.00	29.93 1.08 0.00
VISCHER____FERRY HYD 24020	27.88 0.84 0.00	25.72 0.74 0.00	22.79 0.67 0.00	22.36 0.64 0.00	22.75 0.69 0.00	27.53 0.89 0.00	34.83 1.28 0.00	31.80 1.30 0.00	31.86 1.31 0.00	32.47 1.41 0.00	38.67 1.78 0.00	33.98 1.51 0.00	38.01 1.56 0.00	53.92 2.53 0.00	35.18 1.67 0.00	33.29 1.47 -4.67	30.69 1.28 -5.29	27.35 1.34 0.00	30.32 1.37 -2.61	28.61 1.32 0.00	31.10 1.48 0.00	33.57 1.63 0.00	34.22 1.52 0.00	29.95 1.09 0.00
V_A_10_SYNC_DSASP 323832	27.54 0.51 0.00	25.40 0.42 0.00	22.34 0.21 0.00	21.99 0.26 0.00	22.33 0.28 0.00	27.17 0.53 0.00	33.74 0.20 0.00	30.40 -0.10 0.00	30.36 -0.19 0.00	30.49 -0.57 0.00	35.94 -0.95 0.00	31.24 -1.23 0.00	35.32 -1.13 0.00	49.24 -2.15 0.00	32.17 -1.34 0.00	26.82 -1.25 -0.92	24.14 -1.02 -1.04	24.75 -1.26 0.00	25.63 -1.23 -0.52	26.32 -0.97 0.00	28.58 -1.04 0.00	30.69 -1.26 0.00	31.77 -0.93 0.00	28.32 -0.54 0.00
V_CMM_10_SYNC_DSASP 323787	26.88 -0.15 0.00	24.85 -0.13 0.00	22.00 -0.13 0.00	21.60 -0.12 0.00	21.88 -0.17 0.00	26.39 -0.24 0.00	33.30 -0.24 0.00	30.34 -0.17 0.00	30.36 -0.20 0.00	30.85 -0.21 0.00	36.60 -0.28 0.00	32.34 -0.13 0.00	36.28 -0.17 0.00	51.03 -0.36 0.00	33.27 -0.24 0.00	26.91 -0.24 0.00	23.88 -0.24 0.00	25.76 -0.25 0.00	26.03 -0.31 0.00	26.95 -0.33 0.00	29.25 -0.37 0.00	31.68 -0.26 0.00	32.45 -0.24 0.00	28.70 -0.15 0.00
V_CMP_10_SYNC_DSASP 323788	27.76 0.72 0.00	25.61 0.63 0.00	22.72 0.60 0.00	22.29 0.57 0.00	22.44 0.39 0.00	27.10 0.46 0.00	34.44 0.90 0.00	31.55 1.04 0.00	31.67 1.11 0.00	32.17 1.11 0.00	38.17 1.29 0.00	33.66 1.19 0.00	37.64 1.19 0.00	52.95 1.56 0.00	34.40 0.89 0.00	27.75 0.60 0.00	24.47 0.35 0.00	25.94 -0.07 0.00	26.20 -0.14 0.00	27.08 -0.21 0.00	29.06 -0.56 0.00	31.64 -0.31 0.00	32.41 -0.29 0.00	28.76 -0.10 0.00
V_E_10_SYNC_DSASP 323830	29.24 2.21 0.00	27.01 2.03 0.00	23.78 1.66 0.00	23.46 1.74 0.00	23.93 1.88 0.00	29.14 2.50 0.00	37.01 3.47 0.00	33.97 3.47 0.00	34.34 3.79 0.00	34.77 3.71 0.00	41.14 4.26 0.00	35.98 3.51 0.00	40.41 3.96 0.00	56.60 5.20 0.00	36.28 2.78 0.00	30.89 2.23 -1.51	27.84 2.01 -1.71	28.50 2.49 0.00	29.90 2.72 -0.84	30.19 2.90 0.00	32.62 3.00 0.00	34.81 2.87 0.00	35.46 2.76 0.00	31.26 2.40 0.00



V_F_30_NSYNC___DSASP 323816	28.26 1.22 0.00	26.06 1.08 0.00	23.08 0.95 0.00	22.63 0.91 0.00	23.04 0.99 0.00	27.92 1.28 0.00	35.39 1.84 0.00	32.34 1.84 0.00	32.41 1.86 0.00	33.01 1.95 0.00	39.31 2.43 0.00	34.54 2.07 0.00	38.64 2.19 0.00	54.76 3.36 0.00	35.69 2.18 0.00	33.77 1.87 -4.75	31.19 1.69 -5.38	27.79 1.77 0.00	30.80 1.80 -2.65	29.05 1.76 0.00	31.54 1.92 0.00	34.04 2.09 0.00	34.66 1.96 0.00	30.33 1.47 0.00
V_F_30_SYNC_DSASP 323786	27.43 0.39 0.00	25.32 0.33 0.00	22.46 0.33 0.00	22.03 0.30 0.00	22.39 0.34 0.00	27.11 0.47 0.00	34.32 0.78 0.00	31.35 0.84 0.00	31.40 0.84 0.00	32.02 0.95 0.00	38.12 1.23 0.00	33.54 1.06 0.00	37.52 1.07 0.00	53.23 1.83 0.00	34.74 1.23 0.00	32.91 1.12 -4.63	30.37 1.00 -5.25	27.09 1.07 0.00	30.02 1.09 -2.59	28.31 1.03 0.00	30.72 1.10 0.00	33.14 1.19 0.00	33.75 1.05 0.00	29.53 0.67 0.00
V_XM_10_SYNC_DSASP 323789	27.76 0.72 0.00	25.61 0.63 0.00	22.72 0.60 0.00	22.29 0.57 0.00	22.44 0.39 0.00	27.10 0.46 0.00	34.44 0.90 0.00	31.55 1.04 0.00	31.67 1.11 0.00	32.17 1.11 0.00	38.17 1.29 0.00	33.66 1.19 0.00	37.64 1.19 0.00	52.95 1.56 0.00	34.40 0.89 0.00	27.75 0.60 0.00	24.47 0.35 0.00	25.94 -0.07 0.00	26.20 -0.14 0.00	27.08 -0.21 0.00	29.06 -0.56 0.00	31.64 -0.31 0.00	32.41 -0.29 0.00	28.76 -0.10 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.99 0.95 0.00	25.79 0.81 0.00	22.81 0.69 0.00	22.38 0.66 0.00	22.72 0.67 0.00	27.54 0.90 0.00	34.88 1.34 0.00	31.85 1.35 0.00	31.93 1.37 0.00	32.52 1.46 0.00	38.67 1.79 0.00	34.07 1.60 0.00	38.37 1.93 0.00	54.35 2.96 0.00	35.49 1.98 0.00	32.21 1.64 -3.41	29.43 1.44 -3.87	27.64 1.63 0.00	29.91 1.67 -1.91	28.94 1.65 0.00	31.46 1.84 0.00	33.82 1.88 0.00	34.49 1.79 0.00	30.02 1.16 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.24 1.20 0.00	26.06 1.07 0.00	23.06 0.93 0.00	22.61 0.89 0.00	22.96 0.91 0.00	27.84 1.20 0.00	35.29 1.75 0.00	32.29 1.78 0.00	32.35 1.80 0.00	33.01 1.95 0.00	39.26 2.38 0.00	34.63 2.16 0.00	38.91 2.46 0.00	55.12 3.73 0.00	36.02 2.51 0.00	33.03 2.14 -3.74	30.19 1.84 -4.23	28.09 2.08 0.00	30.48 2.06 -2.09	29.28 2.00 0.00	31.84 2.22 0.00	34.29 2.34 0.00	35.05 2.35 0.00	30.46 1.60 0.00
W50THST__13_KV_LOAD 356117	28.36 1.32 0.00	26.19 1.22 0.00	23.20 1.07 0.00	22.75 1.03 0.00	23.11 1.06 0.00	28.03 1.39 0.00	35.55 2.01 0.00	32.52 2.02 0.00	32.62 2.06 0.00	33.29 2.22 0.00	39.58 2.69 0.00	34.91 2.44 0.00	39.23 2.78 0.00	55.55 4.16 0.00	36.29 2.78 0.00	33.27 2.37 -3.74	30.39 2.04 -4.23	28.31 2.30 0.00	30.69 2.27 -2.09	29.49 2.20 0.00	32.06 2.44 0.00	34.51 2.57 0.00	35.28 2.58 0.00	30.66 1.80 0.00
WADING RIVER_IC_1 23522	28.48 1.44 0.00	25.82 0.84 0.00	22.83 0.71 0.00	20.91 0.68 1.50	22.78 0.74 0.01	27.73 1.09 0.00	35.51 1.97 0.00	32.27 1.76 0.00	32.54 1.99 0.00	33.08 2.02 0.00	39.88 3.00 0.00	35.56 3.09 0.00	39.68 3.24 0.00	55.60 4.21 0.00	36.87 3.37 0.00	33.61 2.72 -3.73	30.77 2.42 -4.23	28.75 2.73 0.00	31.07 2.64 -2.09	29.51 2.22 0.00	32.13 2.51 0.00	34.44 2.50 0.00	34.98 2.28 0.00	30.57 1.71 0.00
WADING RIVER_IC_2 23547	28.48 1.44 0.00	25.82 0.84 0.00	22.83 0.71 0.00	20.91 0.68 1.50	22.78 0.74 0.01	27.73 1.09 0.00	35.51 1.97 0.00	32.27 1.76 0.00	32.54 1.99 0.00	33.08 2.02 0.00	39.88 3.00 0.00	35.56 3.09 0.00	39.68 3.24 0.00	55.60 4.21 0.00	36.87 3.37 0.00	33.61 2.72 -3.73	30.77 2.42 -4.23	28.75 2.73 0.00	31.07 2.64 -2.09	29.51 2.22 0.00	32.13 2.51 0.00	34.44 2.50 0.00	34.98 2.28 0.00	30.57 1.71 0.00
WADING RIVER_IC_3 23601	28.48 1.44 0.00	25.82 0.84 0.00	22.83 0.71 0.00	20.91 0.68 1.50	22.78 0.74 0.01	27.73 1.09 0.00	35.51 1.97 0.00	32.27 1.76 0.00	32.54 1.99 0.00	33.08 2.02 0.00	39.88 3.00 0.00	35.56 3.09 0.00	39.68 3.24 0.00	55.60 4.21 0.00	36.87 3.37 0.00	33.61 2.72 -3.73	30.77 2.42 -4.23	28.75 2.73 0.00	31.07 2.64 -2.09	29.51 2.22 0.00	32.13 2.51 0.00	34.44 2.50 0.00	34.98 2.28 0.00	30.57 1.71 0.00
WALDENNY_12_KV_BK2 80841	28.32 1.28 0.00	26.10 1.11 0.00	22.90 0.78 0.00	22.54 0.82 0.00	22.90 0.84 0.00	27.93 1.30 0.00	34.72 1.17 0.00	31.23 0.72 0.00	31.24 0.68 0.00	31.35 0.29 0.00	36.90 0.02 0.00	32.02 -0.45 0.00	36.28 -0.17 0.00	50.42 -0.97 0.00	32.94 -0.57 0.00	27.46 -0.70 -1.01	24.72 -0.54 -1.14	25.21 -0.80 0.00	26.13 -0.78 -0.56	26.87 -0.42 0.00	29.21 -0.41 0.00	31.31 -0.64 0.00	32.51 -0.19 0.00	28.93 0.07 0.00
WALDEN___HYDRO 24148	28.13 1.10 0.00	25.93 0.95 0.00	22.95 0.83 0.00	22.52 0.79 0.00	22.87 0.82 0.00	27.72 1.08 0.00	35.14 1.60 0.00	32.20 1.69 0.00	32.28 1.73 0.00	32.87 1.80 0.00	39.09 2.21 0.00	34.44 1.97 0.00	38.73 2.29 0.00	54.81 3.41 0.00	35.80 2.29 0.00	32.61 1.90 -3.56	29.83 1.68 -4.03	27.91 1.90 0.00	30.29 1.96 -1.99	29.25 1.97 0.00	31.77 2.15 0.00	34.14 2.20 0.00	34.81 2.11 0.00	30.30 1.45 0.00
WARRENSBURG___ 23737	28.27 1.24 0.00	26.02 1.04 0.00	23.03 0.90 0.00	22.58 0.86 0.00	23.00 0.94 0.00	27.94 1.30 0.00	35.48 1.94 0.00	32.47 1.97 0.00	32.58 2.02 0.00	33.20 2.13 0.00	39.58 2.69 0.00	34.77 2.30 0.00	38.83 2.39 0.00	55.02 3.62 0.00	35.81 2.30 0.00	33.87 1.95 -4.76	31.31 1.80 -5.39	27.84 1.83 0.00	30.85 1.85 -2.66	29.09 1.80 0.00	31.58 1.96 0.00	34.16 2.21 0.00	34.74 2.03 0.00	30.29 1.44 0.00
WATERSIDE___6 8 9 23538	28.25 1.22 0.00	26.02 1.04 0.00	22.97 0.85 0.00	22.49 0.77 0.00	22.84 0.79 0.00	27.68 1.04 0.00	35.10 1.56 0.00	32.13 1.62 0.00	32.20 1.65 0.00	32.84 1.78 0.00	39.08 2.20 0.00	34.50 2.02 0.00	38.72 2.27 0.00	54.85 3.46 0.00	35.86 2.35 0.00	32.89 2.01 -3.74	30.09 1.74 -4.23	27.99 1.98 0.00	30.35 1.92 -2.09	29.16 1.87 0.00	31.71 2.09 0.00	34.16 2.22 0.00	34.91 2.21 0.00	30.34 1.48 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.19 0.15 0.00	25.10 0.12 0.00	22.25 0.13 0.00	21.87 0.14 0.00	22.24 0.18 0.00	26.98 0.34 0.00	34.14 0.60 0.00	31.15 0.65 0.00	31.23 0.68 0.00	31.78 0.72 0.00	37.77 0.88 0.00	33.18 0.71 0.00	37.13 0.69 0.00	52.45 1.06 0.00	34.15 0.64 0.00	27.80 0.56 -0.09	24.76 0.54 -0.10	26.63 0.61 0.00	27.06 0.67 -0.05	27.99 0.70 0.00	30.36 0.74 0.00	32.64 0.69 0.00	33.27 0.57 0.00	29.17 0.31 0.00
WATSON___69_KV_BK 1 55734	28.86 1.82 0.00	26.34 1.36 0.00	23.29 1.17 0.00	22.34 1.11 0.50	23.19 1.14 0.00	28.20 1.56 0.00	36.06 2.52 0.00	32.79 2.29 0.00	32.90 2.34 0.00	33.49 2.43 0.00	40.35 3.47 0.00	35.82 3.34 0.00	40.12 3.67 0.00	56.36 4.96 0.00	37.24 3.73 0.00	33.94 3.05 -3.73	31.02 2.67 -4.23	28.87 2.86 0.00	31.23 2.81 -2.09	29.83 2.54 0.00	32.40 2.78 0.00	34.84 2.90 0.00	35.52 2.82 0.00	30.93 2.07 0.00



WDELAWARE___HYD 323627	27.75 0.71 0.00	25.59 0.61 0.00	22.65 0.53 0.00	22.22 0.50 0.00	22.56 0.50 0.00	27.33 0.69 0.00	34.70 1.16 0.00	31.79 1.29 0.00	31.86 1.31 0.00	32.47 1.41 0.00	38.60 1.72 0.00	34.01 1.54 0.00	38.26 1.81 0.00	54.74 3.35 0.00	35.74 2.23 0.00	32.22 1.82 -3.25	29.41 1.62 -3.68	27.86 1.85 0.00	30.07 1.91 -1.81	29.21 1.92 0.00	31.72 2.10 0.00	34.06 2.11 0.00	34.72 2.02 0.00	30.25 1.39 0.00
WEST BABYLON___IC 23714	28.80 1.77 0.00	26.39 1.41 0.00	23.34 1.22 0.00	22.73 1.12 0.11	23.18 1.13 0.00	28.17 1.53 0.00	35.92 2.38 0.00	32.68 2.17 0.00	32.73 2.18 0.00	33.33 2.27 0.00	40.10 3.21 0.00	35.51 3.04 0.00	39.83 3.39 0.00	56.06 4.67 0.00	36.95 3.44 0.00	33.73 2.84 -3.73	30.82 2.47 -4.23	28.65 2.64 0.00	31.03 2.60 -2.09	29.68 2.40 0.00	32.23 2.61 0.00	34.69 2.75 0.00	35.42 2.72 0.00	30.81 1.95 0.00
WEST CANADA___HYD 24049	27.09 0.05 0.00	25.03 0.05 0.00	22.18 0.05 0.00	21.78 0.05 0.00	22.12 0.07 0.00	26.74 0.10 0.00	33.70 0.16 0.00	30.66 0.15 0.00	30.72 0.17 0.00	31.25 0.19 0.00	37.11 0.22 0.00	32.65 0.17 0.00	36.63 0.18 0.00	51.66 0.27 0.00	33.68 0.17 0.00	27.40 0.15 -0.09	24.36 0.14 -0.10	26.18 0.17 0.00	26.57 0.18 -0.05	27.48 0.19 0.00	29.81 0.19 0.00	32.13 0.18 0.00	32.85 0.15 0.00	28.96 0.10 0.00
WESTERN_NY_WIND 24143	28.39 1.36 0.00	26.16 1.18 0.00	22.98 0.85 0.00	22.62 0.90 0.00	22.96 0.91 0.00	27.99 1.36 0.00	34.84 1.30 0.00	31.40 0.89 0.00	31.45 0.90 0.00	31.57 0.51 0.00	37.18 0.30 0.00	32.30 -0.17 0.00	36.52 0.08 0.00	50.86 -0.53 0.00	33.22 -0.28 0.00	27.69 -0.41 -0.94	24.94 -0.24 -1.06	25.62 -0.39 0.00	26.52 -0.34 -0.52	27.25 -0.04 0.00	29.55 -0.08 0.00	31.62 -0.32 0.00	32.75 0.05 0.00	29.14 0.28 0.00
WESTOVER___LESR 323668	27.69 0.65 0.00	25.58 0.60 0.00	22.63 0.50 0.00	22.23 0.51 0.00	22.57 0.51 0.00	27.30 0.66 0.00	34.37 0.83 0.00	31.26 0.76 0.00	31.43 0.87 0.00	31.92 0.86 0.00	37.83 0.95 0.00	33.19 0.71 0.00	37.45 1.00 0.00	52.62 1.23 0.00	34.14 0.63 0.00	29.19 0.45 -1.59	26.34 0.42 -1.80	26.46 0.44 0.00	27.72 0.50 -0.89	27.88 0.59 0.00	30.29 0.66 0.00	32.46 0.52 0.00	33.31 0.61 0.00	29.31 0.45 0.00
WETHRSFD_WT_PWR 323626	27.98 0.94 0.00	25.83 0.85 0.00	22.77 0.64 0.00	22.42 0.70 0.00	22.74 0.69 0.00	27.70 1.06 0.00	34.52 0.98 0.00	31.13 0.62 0.00	31.13 0.58 0.00	31.34 0.28 0.00	36.88 0.00 0.00	32.06 -0.41 0.00	36.29 -0.16 0.00	50.44 -0.96 0.00	32.86 -0.65 0.00	27.49 -0.76 -1.09	24.76 -0.60 -1.24	25.27 -0.75 0.00	26.17 -0.78 -0.61	26.72 -0.56 0.00	28.98 -0.64 0.00	31.09 -0.85 0.00	32.21 -0.49 0.00	28.73 -0.13 0.00
WHAVSTOR_138KV_BK127 55557	27.85 0.81 0.00	25.66 0.68 0.00	22.70 0.58 0.00	22.27 0.55 0.00	22.61 0.56 0.00	27.40 0.76 0.00	34.70 1.16 0.00	31.67 1.16 0.00	31.74 1.18 0.00	32.31 1.25 0.00	38.44 1.56 0.00	33.86 1.39 0.00	38.14 1.70 0.00	54.03 2.64 0.00	35.27 1.76 0.00	32.03 1.47 -3.42	29.28 1.29 -3.87	27.48 1.47 0.00	29.75 1.50 -1.91	28.76 1.47 0.00	31.27 1.64 0.00	33.63 1.69 0.00	34.30 1.59 0.00	29.86 1.00 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.85 0.81 0.00	25.66 0.68 0.00	22.70 0.58 0.00	22.27 0.55 0.00	22.61 0.56 0.00	27.40 0.76 0.00	34.70 1.16 0.00	31.67 1.16 0.00	31.74 1.18 0.00	32.31 1.25 0.00	38.44 1.56 0.00	33.86 1.39 0.00	38.14 1.70 0.00	54.03 2.64 0.00	35.27 1.76 0.00	32.03 1.47 -3.42	29.28 1.29 -3.87	27.48 1.47 0.00	29.75 1.50 -1.91	28.76 1.47 0.00	31.27 1.64 0.00	33.63 1.69 0.00	34.30 1.59 0.00	29.86 1.00 0.00
WHITEHAL_115KV_TB1 80871	29.26 2.23 0.00	26.77 1.78 0.00	23.61 1.49 0.00	23.13 1.41 0.00	23.62 1.57 0.00	28.89 2.25 0.00	36.67 3.13 0.00	33.59 3.09 0.00	33.78 3.23 0.00	34.44 3.37 0.00	41.21 4.33 0.00	36.13 3.66 0.00	40.05 3.61 0.00	56.73 5.33 0.00	36.99 3.48 0.00	34.76 2.85 -4.76	32.09 2.58 -5.39	28.31 2.30 0.00	31.30 2.31 -2.66	29.60 2.31 0.00	32.25 2.63 0.00	35.06 3.11 0.00	35.59 2.89 0.00	30.88 2.02 0.00
WHITEPLN_13_KV_LOAD 356215	28.32 1.29 0.00	26.11 1.13 0.00	23.10 0.98 0.00	22.66 0.93 0.00	23.02 0.96 0.00	27.91 1.27 0.00	35.40 1.86 0.00	32.39 1.88 0.00	32.46 1.90 0.00	33.09 2.03 0.00	39.40 2.52 0.00	34.74 2.27 0.00	39.04 2.60 0.00	55.28 3.88 0.00	36.12 2.62 0.00	33.09 2.20 -3.73	30.27 1.92 -4.22	28.17 2.16 0.00	30.58 2.16 -2.08	29.40 2.11 0.00	31.95 2.32 0.00	34.37 2.42 0.00	35.07 2.37 0.00	30.50 1.64 0.00
WM_FLOYD_69_KV_BK2 356380	28.56 1.52 0.00	25.91 0.93 0.00	22.92 0.79 0.00	21.01 0.76 1.47	22.86 0.82 0.01	27.83 1.19 0.00	35.69 2.15 0.00	32.44 1.93 0.00	32.66 2.11 0.00	33.22 2.15 0.00	40.11 3.22 0.00	35.72 3.24 0.00	39.88 3.43 0.00	55.89 4.50 0.00	37.05 3.54 0.00	33.77 2.88 -3.73	30.89 2.54 -4.23	28.84 2.82 0.00	31.16 2.74 -2.09	29.64 2.35 0.00	32.22 2.60 0.00	34.57 2.62 0.00	35.14 2.44 0.00	30.69 1.83 0.00
WOODARD___115KV_TB2 355635	27.04 0.01 0.00	24.99 0.01 0.00	22.11 -0.02 0.00	21.72 0.00 0.00	22.07 0.01 0.00	26.66 0.02 0.00	33.43 -0.11 0.00	30.31 -0.19 0.00	30.39 -0.17 0.00	30.84 -0.22 0.00	36.59 -0.29 0.00	32.14 -0.34 0.00	36.13 -0.32 0.00	50.82 -0.58 0.00	33.10 -0.41 0.00	27.56 -0.35 -0.76	24.69 -0.29 -0.86	25.69 -0.32 0.00	26.48 -0.28 -0.42	27.03 -0.26 0.00	29.32 -0.30 0.00	31.54 -0.40 0.00	32.40 -0.29 0.00	28.73 -0.13 0.00
YORK___WARBASSE 23770	28.31 1.28 0.00	26.09 1.11 0.00	23.04 0.92 0.00	22.57 0.84 0.00	22.91 0.86 0.00	27.75 1.11 0.00	35.15 1.60 0.00	32.18 1.67 0.00	32.24 1.69 0.00	32.86 1.80 0.00	39.09 2.20 0.00	34.52 2.05 0.00	38.73 2.29 0.00	54.91 3.52 0.00	35.88 2.37 0.00	32.91 2.02 -3.74	30.12 1.77 -4.23	28.07 2.06 0.00	30.40 1.98 -2.09	29.23 1.94 0.00	31.82 2.20 0.00	34.29 2.34 0.00	35.05 2.35 0.00	30.45 1.59 0.00