



Load and Resource Audit
Summer, 2005
Report to the Board of Directors

June 22, 2005

Prepared by the MAIN AUDIT TEAM

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Under the Direction of the
MAIN SUPPLY AUDIT TASK FORCE

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MAIN Load and Resource Report
Summer, 2005

June 22, 2005

To the MAIN Board of Directors:

This report of the MAIN Load and Resource Audit showing planned reserves for the summer season as of June 22, 2005 is being presented to the MAIN Board of Directors by the MAIN audit team for its information.

The MAIN Board directed the Planning Committee to conduct an independent audit of the MAIN member systems similar in structure to the 2000 through 2004 Summer Season audits. Each applicable MAIN member and Retail Energy Supplier (RES) would present an explanation of the details of its load forecast and supply plan for the 2005 summer season peak conditions to an independent auditor team. It was agreed to have the Supply Audit Task Force modify and update the 2004 templates as required for summer 2005. It was also agreed that the audit would continue to include Retail Energy Suppliers (RES) operating in Illinois. Retail Energy Suppliers include the ARES and Illinois jurisdictional utilities. To incorporate the effect of the RES operations, the templates include both wholesale and retail load.

The majority of the audits this year were made via e-mails and FedEx submittals. Several field audits of members were also conducted dependant upon the complexity of the audit data. Some RES were not completed until shortly before the issuance of this report. The composite total of RES load in the Ameren, ComEd and Ameren IP Control Areas of Illinois increased from 83MW in July 2000 to 1340MW in July 2001, 2515 MW in July 2002, 3675MW in July 2003, 4,833 in July 2004 and decreased to 4,570 MW in 2005.

The audit team, selected by the MAIN Supply Audit Task Force (SATF), consisted of four auditors. All the auditors were full time MAIN employees.

Between the completion of the audits and the date of this report, some audited entities provided supplementary evidence of resource or transmission firmness. This data was examined with the same rigor as in the field audit and, if appropriate, this data was incorporated into the report to insure proper accounting of all energy transactions, especially within MAIN.

The summer season audit for 2005 continued the partitioning of the summer season into three separate periods: June 15-30, July and August. The audit team continued to cross check the MAIN member and RES sales and purchases between audited entities. This helped insure proper accounting of all energy transactions, especially within MAIN.

Based upon the instructions of the Board, the Supply Audit Task Force, and the audit templates, the following summary information is provided to the MAIN Board of Directors for each member and applicable ARES audited, and for MAIN as a whole:

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- Adjusted Demand:** The member or system firm end-use load requirements, reduced by interruptible loads, demand-side management and firm purchases, and increased by firm sales (MW). Demand data and interruptibles were reviewed for consistency with past actual and forecast data, published forecasts, and reporting to MAIN and the U. S. Department of Energy (EIA-411). Firm purchases were reviewed for specific contract firmness and curtailment language and firmness of the transmission contract path from source to sink. RES retail load requirements were listed in aggregate less interruptible and compared to capacity requirements that were adjusted to reflect the nature of the capacity serving the load.
- Adjusted Capacity:** The member system generating capability, reduced by unit or system capacity sales, and increased by unit or system capacity purchases (MW). Generating capability was reviewed in comparison with member filed characteristics with MAIN and the U. S. Department of Energy (EIA-411, EIA-860), and member, manufacturer or owner's representations for units due for 2005 Summer Period service. Capacity purchases were reviewed for specific contract firmness and firmness of the transmission contract path from source to sink. RES capacity was adjusted to reflect the nature of the capacity serving the RES load.
- Reserve:** The excess of Adjusted Capacity over Adjusted Demand (MW) for CAs and for RES the excess of capacity accounting for firmness over the retail demand less interruptible.
- Reserve Margin:** The Reserve, expressed as a percentage of adjusted Demand (%) for CAs and retail load less interruptible for the RES.

The detailed results are tabulated on the following pages. For MAIN as a whole, the projected overall Reserve Margins for MAIN including the RES for the indicated Summer Season peak periods of 2005 are: 28.62% for June 15-30; 19.67% for July and 20.00% for August.

The MAIN Board had approved a recommended minimum long-term (several years) planning reserve margin of 17 to 20% for MAIN as a whole and a recommended near-term (a few months) planning reserve margin of 15% at the MAIN Annual Meeting on November 16, 2002. At that meeting the Board directed the MAIN Planning Committee to conduct a study of the planning reserve margins. The Board reviewed the findings and adopted a recommended long term planning reserve margin of 16% and a recommended short term planning reserve margin of 14.12% for MAIN on June 12, 2003.

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Please note that several audited members and RES have additional resources to serve the summer season peak load periods which do not meet the exacting requirements of the audit templates for firm purchases or capacity purchases, because of source system recallability, non-firm transmission reservations, or various other contractual provisions. These additional resources are classified in the table as "Other Purchases not conforming to Templates" or "Other Planned Purchases not under contract". These resources may provide improved reliability as reported, or may be "firmed up" through subsequent negotiations with resource and transmission providers to later qualify under the audit template criteria.

The breakup of the conventional MAIN integrated utilities serving as control areas into multiple entities (e.g. load serving entity (LSE), transmission operator (TOP), retail energy supplier (RES), balancing authority (BA), reliability authority (RA), generating entity (GEN), marketing entity, etc operating both within and outside of MAIN) may require the updating and revision of the Supply Audit templates in the future to properly capture these organizational changes with regards to their responsibilities and resultant effect on maintaining an adequate level of reserves within MAIN.

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2005 Load and Resource Tabulation (page 1 of 6)

Company Name		MAIN Including RES	Alliant East	Alliant West	Ameren CA	Ameren CIL CA	Ameren IP CA
Adjusted Demand (MW)	Jun -	50,287	2,619	3,102	10,529	1,023	2,437
	Jul -	55,318	2,934	3,340	11,464	1,152	2,908
	Aug -	55,076	2,864	3,322	11,270	1,117	3,031
Adjusted Capacity (MW)	Jun -	64,677	3,610	4,148	12,473	1,325	4,016
	Jul -	66,146	3,584	4,103	13,256	1,325	4,016
	Aug -	66,093	3,579	4,116	13,330	1,325	4,016
Reserve (MW)	Jun -	14,390	991	1,046	1,944	302	1,579
	Jul -	10,881	650	763	1,792	173	1,160
	Aug -	11,017	716	794	2,060	208	985
Reserve Margin (%)	Jun -	28.62%	37.84%	33.72%	18.46%	29.54%	64.79%
	Jul -	19.67%	22.15%	22.84%	15.63%	15.03%	40.62%
	Aug -	20.00%	24.99%	23.89%	18.28%	18.63%	32.50%
Other Purchases Not Conforming to Templates (net MW)	Jun -	90	0	0	0	0	0
	Jul -	90	0	0	0	0	0
	Aug -	90	0	0	0	0	0
Other Planned Purchases Not Under Contract (net MW)	Jun -	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0
Retail Load served by Others (MW)	Jun -	4,249	0	0	487	0	207
	Jul -	4,570	0	0	547	0	215
	Aug -	4,493	0	0	482	0	203
Retail Load Served Outside Control Area (MW)	Jun -	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0
Wholesale Load Not Included in Adjusted Demand (MW)	Jun -	72	0	0	0	0	0
	Jul -	76	0	0	0	0	0
	Aug -	76	0	0	0	0	0
Wholesale Resources Not Included in Adjusted Capacity (MW)	Jun -	85	0	0	0	0	0
	Jul -	89	0	0	0	0	0
	Aug -	89	0	0	0	0	0

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Company Name		CWL	ComEd	EEI	IMEA	CWLP	MGE
Adjusted Demand (MW)	Jun -	252	16,747	0	346	429	611
	Jul -	252	18,144	0	357	479	720
	Aug -	252	18,144	0	393	465	720
Adjusted Capacity (MW)	Jun -	294	21,134	246	496	620	938
	Jul -	294	21,077	246	496	620	938
	Aug -	294	21,077	246	496	620	938
Reserve (MW)	Jun -	42	4,387	246	150	191	327
	Jul -	42	2,933	246	139	141	218
	Aug -	42	2,933	246	103	155	218
Reserve Margin (%)	Jun -	16.67%	26.20%	-	43.24%	44.52%	53.52%
	Jul -	16.67%	16.17%	-	38.82%	29.44%	30.28%
	Aug -	16.67%	16.17%	-	26.22%	33.33%	30.28%
Other Purchases Not Conforming to Templates (net MW)	Jun -	0	0	0	0	0	45
	Jul -	0	0	0	0	0	45
	Aug -	0	0	0	0	0	45
Other Planned Purchases Not Under Contract (net MW)	Jun -	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0
Retail Load served by Others (MW)	Jun -	44	3,350	0	0	0	0
	Jul -	44	3,603	0	0	0	0
	Aug -	44	3,603	0	0	0	0
Retail Load Served Outside Control Area (MW)	Jun -	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0
Wholesale Load Not Included in Adjusted Demand (MW)	Jun -	0	0	0	30	0	0
	Jul -	0	0	0	34	0	0
	Aug -	0	0	0	34	0	0
Wholesale Resources Not Included in Adjusted Capacity (MW)	Jun -	0	0	0	30	0	0
	Jul -	0	0	0	34	0	0
	Aug -	0	0	0	34	0	0

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Company Name		SIPC	Soyland	UPP	WE	WPPI	WPS
Adjusted Demand (MW)	Jun -	229	238	60	5,304	152	2,164
	Jul -	255	270	67	6,193	146	2,271
	Aug -	250	270	68	6,172	198	2,253
Adjusted Capacity (MW)	Jun -	355	274	85	6,929	251	2,719
	Jul -	344	324	78	7,410	250	2,681
	Aug -	351	315	78	7,416	251	2,677
Reserve (MW)	Jun -	126	36	25	1,625	99	555
	Jul -	89	54	11	1,217	104	410
	Aug -	101	45	11	1,244	53	424
Reserve Margin (%)	Jun -	55.02%	15.13%	40.76%	30.64%	65.13%	25.63%
	Jul -	34.90%	20.00%	16.42%	19.66%	71.23%	18.07%
	Aug -	40.40%	16.67%	15.49%	20.16%	26.77%	18.83%
Other Purchases Not Conforming to Templates (net MW)	Jun -	0	0	45	0	0	0
	Jul -	0	0	45	0	0	0
	Aug -	0	0	45	0	0	0
Other Planned Purchases Not Under Contract (net MW)	Jun -	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0
Retail Load served by Others (MW)	Jun -	0	0	0	0	0	161
	Jul -	0	0	0	0	0	161
	Aug -	0	0	0	0	0	161
Retail Load Served Outside Control Area (MW)	Jun -	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0
Wholesale Load Not Included in Adjusted Demand (MW)	Jun -	0	0	42	0	0	0
	Jul -	0	0	42	0	0	0
	Aug -	0	0	42	0	0	0
Wholesale Resources Not Included in Adjusted Capacity (MW)	Jun -	0	0	55	0	0	0
	Jul -	0	0	55	0	0	0
	Aug -	0	0	55	0	0	0

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Ameren Control Area

ARES Name		All ARES	Ameren Energy Mkt	MidAm	Enerstar	Constellation New Energy
Adjusted Demand (MW)	Jun -	4,044	451	1	5	30
	Jul -	4,365	511	1	5	30
	Aug -	4,288	447	1	5	29
Adjusted Capacity (MW)	Jun -	4,763	531	1	6	50
	Jul -	5,103	588	1	6	50
	Aug -	4,967	514	1	6	50
Reserve (MW)	Jun -	719	80	0	1	20
	Jul -	738	77	0	1	20
	Aug -	679	67	0	1	21
Reserve Margin (%)	Jun -	17.77%	17.74%	15.00%	20.00%	66.67%
	Jul -	16.91%	15.00%	15.00%	20.00%	66.67%
	Aug -	15.84%	15.00%	15.00%	20.00%	72.41%
Other Purchases Not Conforming to Templates (net MW)	Jun -	0	0	0	0	0
	Jul -	0	0	0	0	0
	Aug -	0	0	0	0	0
Other Planned Purchases Not Under Contract (net MW)	Jun -	0	0	0	0	0
	Jul -	0	0	0	0	0
	Aug -	0	0	0	0	0
Retail Load served by Others (MW)	Jun -	0	0	0	0	0
	Jul -	0	0	0	0	0
	Aug -	0	0	0	0	0
Retail Load Served Outside Control Area (MW)	Jun -	0	0	0	0	0
	Jul -	0	0	0	0	0
	Aug -	0	0	0	0	0
Wholesale Load Not Included in Adjusted Demand (MW)	Jun -	0	0	0	0	0
	Jul -	0	0	0	0	0
	Aug -	0	0	0	0	0
Wholesale Resources Not Included in Adjusted Capacity (MW)	Jun -	0	0	0	0	0
	Jul -	0	0	0	0	0
	Aug -	0	0	0	0	0

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Commonwealth Edison Control Area

ARES Name		Ameren Energy Mkt	Sempra	Exelon	MidAm	Constellation New Energy	Peoples	Added RES
Adjusted Demand (MW)	Jun -	388	50	931	420	969	315	277
	Jul -	341	50	993	431	938	303	547
	Aug -	334	50	1,001	436	929	311	542
Adjusted Capacity (MW)	Jun -	446	58	1,094	483	1,175	362	319
	Jul -	392	58	1,163	496	1,125	348	629
	Aug -	384	58	1,163	502	1,075	358	623
Reserve (MW)	Jun -	58	7	163	63	206	47	42
	Jul -	51	7	170	65	187	45	82
	Aug -	50	7	162	66	146	47	81
Reserve Margin (%)	Jun -	15.00%	15.00%	17.51%	15.00%	21.26%	15.00%	15.00%
	Jul -	15.00%	15.00%	17.12%	15.08%	19.94%	15.00%	15.00%
	Aug -	15.00%	15.00%	16.18%	15.14%	15.72%	15.00%	15.00%
Other Purchases Not Conforming to Templates (net MW)	Jun -	0	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0	0
Other Planned Purchases Not Under Contract (net MW)	Jun -	0	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0	0
Retail Load served by Others (MW)	Jun -	0	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0	0
Retail Load Served Outside Control Area (MW)	Jun -	0	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0	0
Wholesale Load Not Included in Adjusted Demand (MW)	Jun -	0	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0	0
Wholesale Resources Not Included in Adjusted Capacity (MW)	Jun -	0	0	0	0	0	0	0
	Jul -	0	0	0	0	0	0	0
	Aug -	0	0	0	0	0	0	0

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Ameren IP CA

ARES Name		Dynegy	Ameren Energy Mkt
Adjusted Demand (MW)	Jun -	155	52
	Jul -	163	52
	Aug -	142	61
Adjusted Capacity (MW)	Jun -	178	60
	Jul -	187	60
	Aug -	163	70
Reserve (MW)	Jun -	23	8
	Jul -	24	8
	Aug -	21	9
Reserve Margin (%)	Jun -	15.00%	15.00%
	Jul -	15.00%	15.00%
	Aug -	15.00%	15.00%
Other Purchases Not Conforming to Templates (net MW)	Jun -	0	0
	Jul -	0	0
	Aug -	0	0
Other Planned Purchases Not Under Contract (net MW)	Jun -	0	0
	Jul -	0	0
	Aug -	0	0
Retail Load served by Others (MW)	Jun -	0	0
	Jul -	0	0
	Aug -	0	0
Retail Load Served Outside Control Area (MW)	Jun -	0	0
	Jul -	0	0
	Aug -	0	0
Wholesale Load Not Included in Adjusted Demand (MW)	Jun -	0	0
	Jul -	0	0
	Aug -	0	0
Wholesale Resources Not Included in Adjusted Capacity (MW)	Jun -	0	0
	Jul -	0	0
	Aug -	0	0