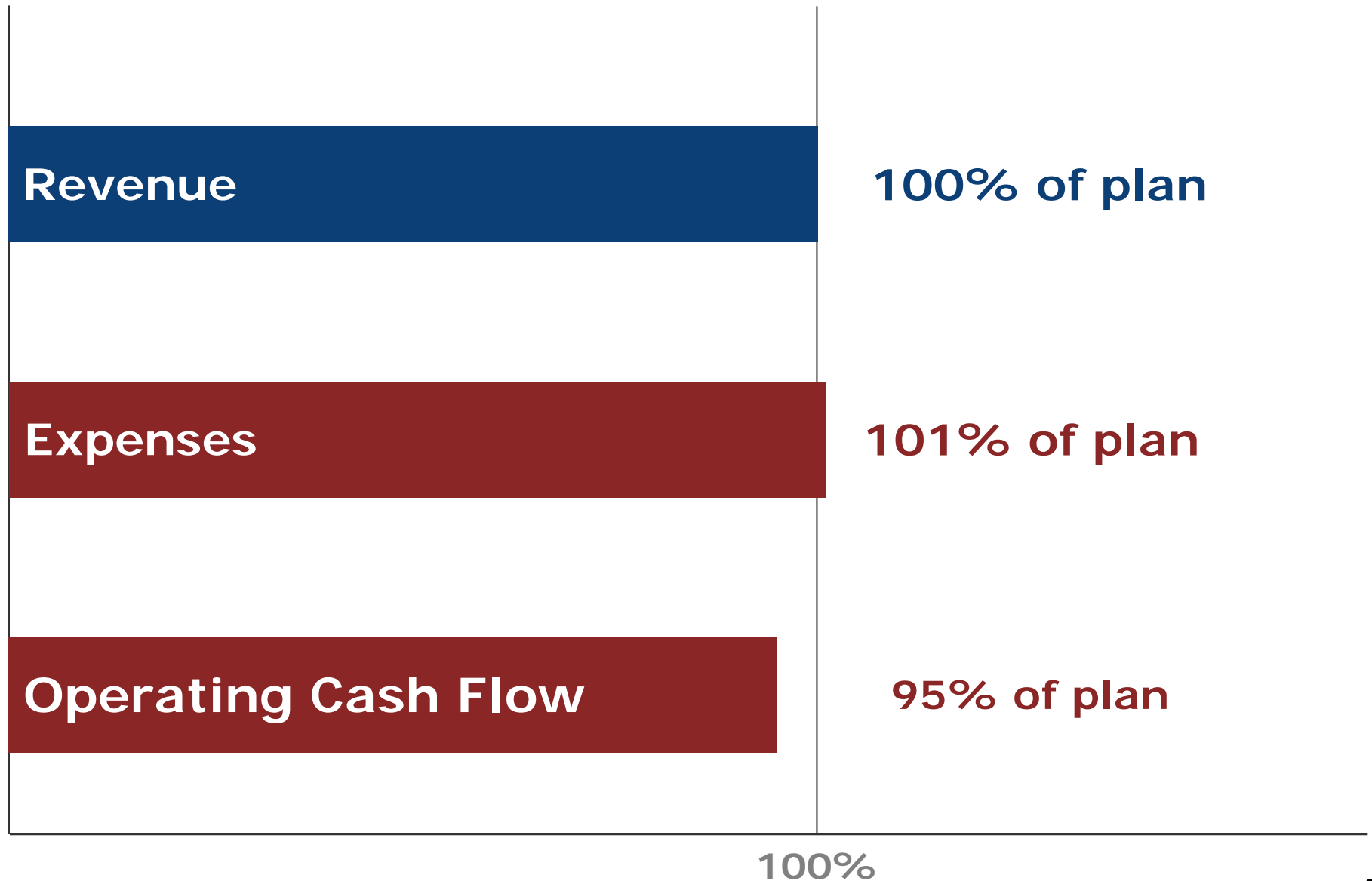




# President's Report

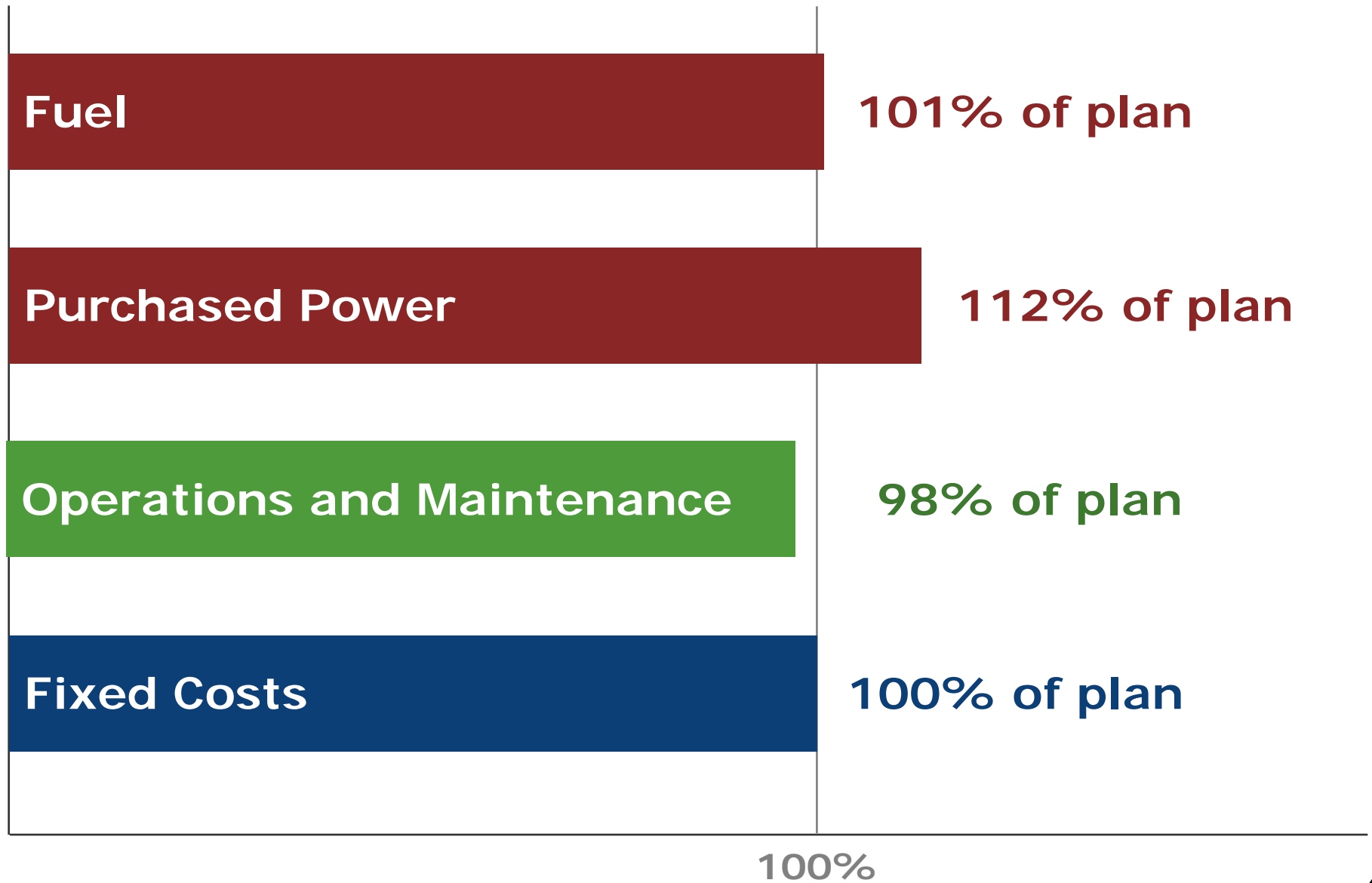


# Financial Results through mid-November





# Expense Drivers through mid-November





# Hard Spots

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## Rainfall and runoff

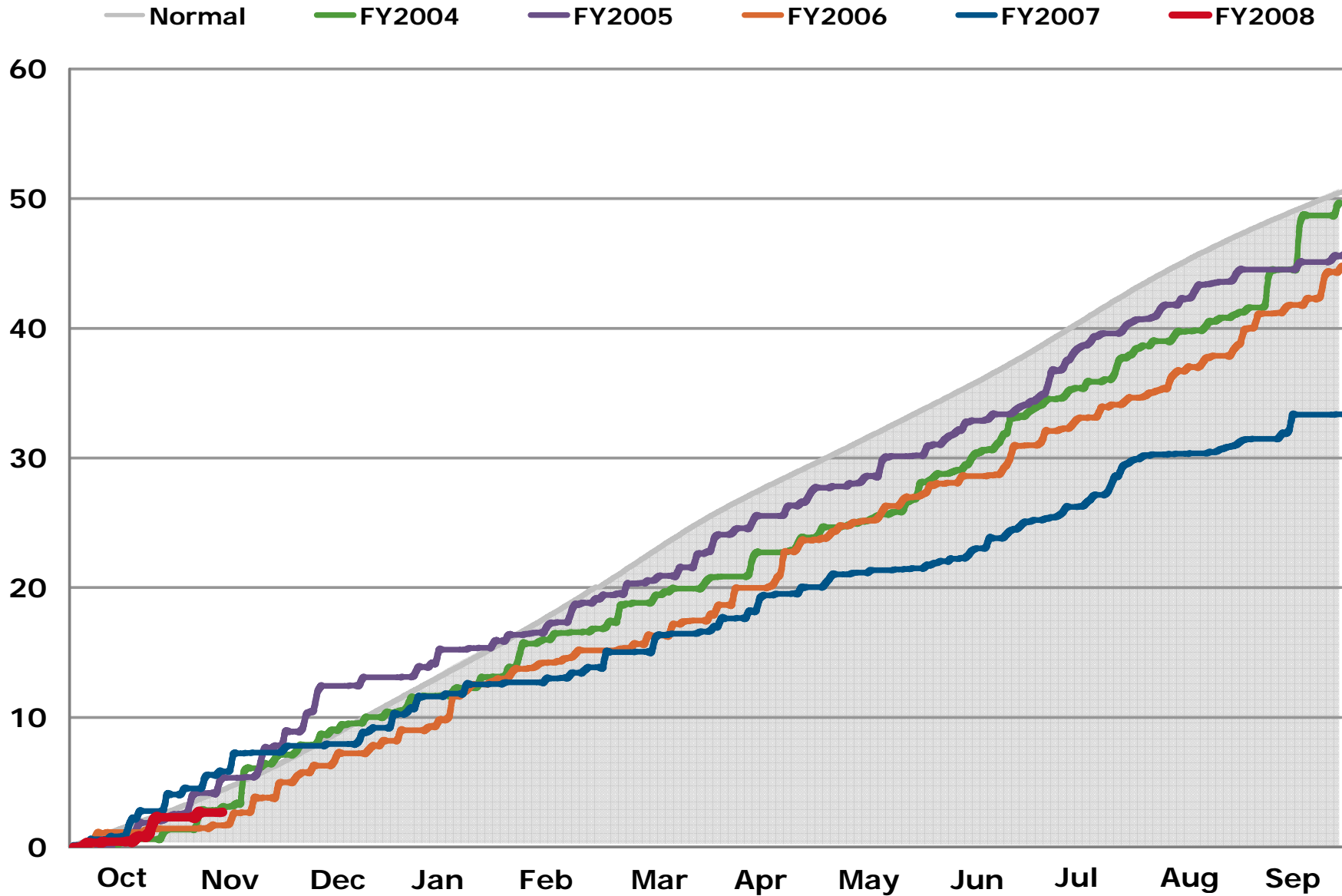
Reduced hydro volume

Sequoyah Nuclear Plant Unit 1 generator

Capital expenditures

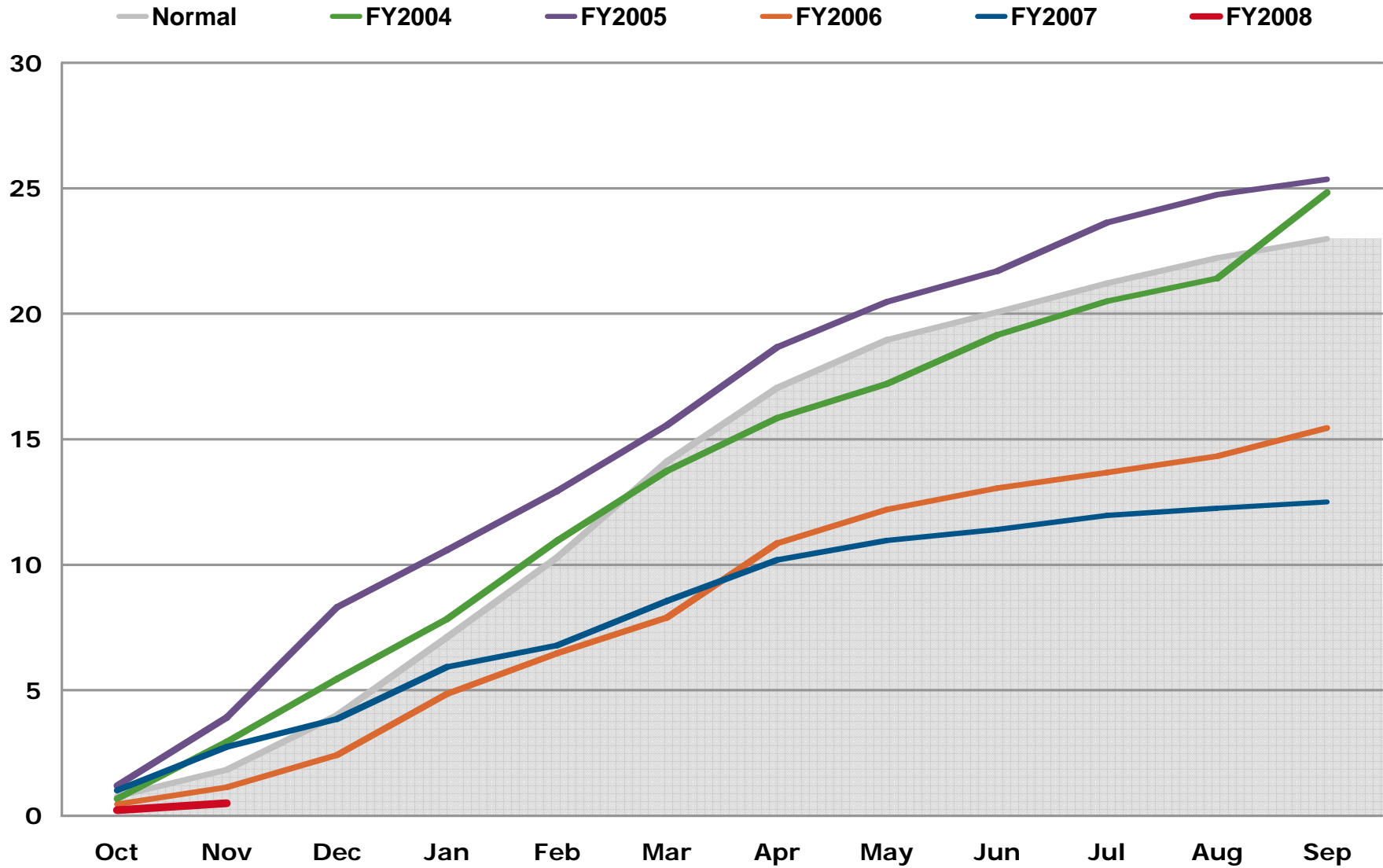


# Cumulative Rainfall (Inches)



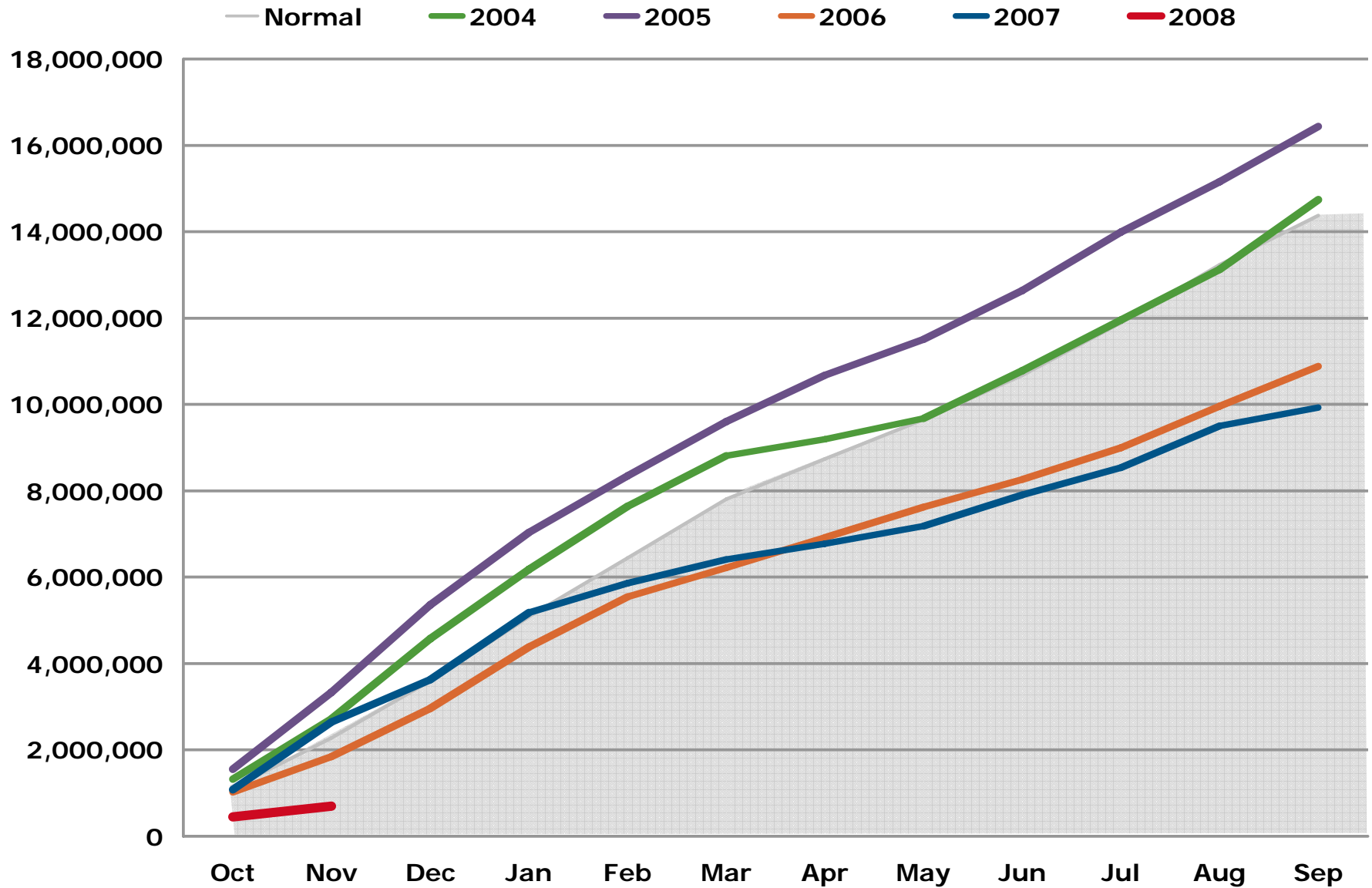


# Cumulative Runoff (Inches)





# Cumulative Hydro Generation (MWh)





# Hard Spots

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Rainfall and runoff

Reduced hydro volume

Sequoyah Nuclear Plant Unit 1 generator

Capital expenditures



# **Highlights**

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TVA's Aaa bond rating reconfirmed by Moody's

Bellefonte combined license application submittal

Customer satisfaction survey results

Fossil fleet performance



# Fiscal year 2007 Unaudited Results

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	(in billions)	Variance from plan
Revenue	\$9.187	(0.7%)
Expenses	\$8.804	(0.2%)
	<b>GWh</b>	
Power Sales	174,810	0.1%
Nuclear Generation	46,411	(4.7%)
Coal Generation	100,169	0.3%
Hydro Generation	9,047	(33.7%)
Purchased Power	22,141	33.3%



# **Energy Efficiency and Demand Response**



# Energy Efficiency and Demand Response

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Industrial usage

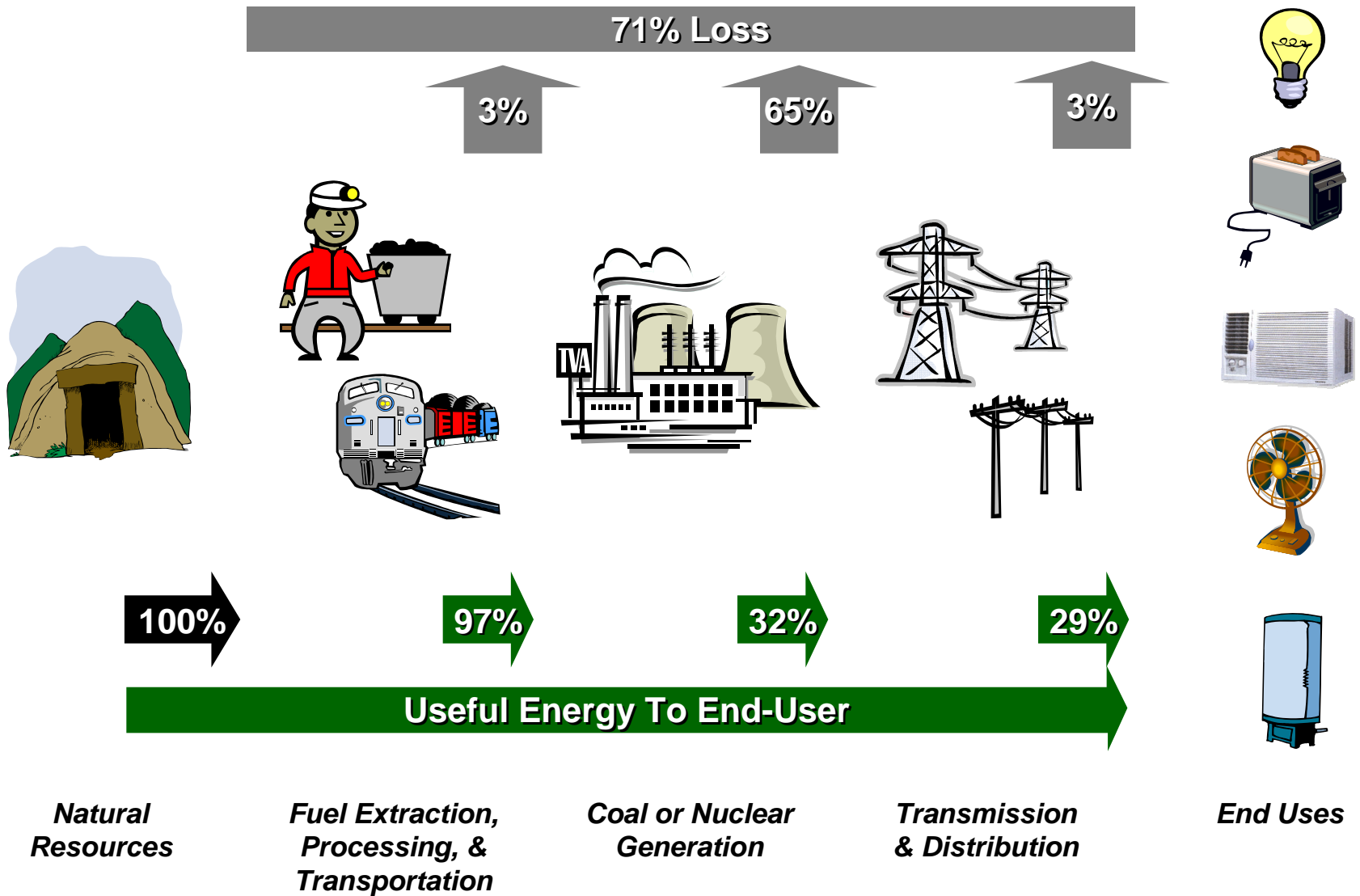
Commercial Usage

Residential Usage

*Today ...focus on residential*



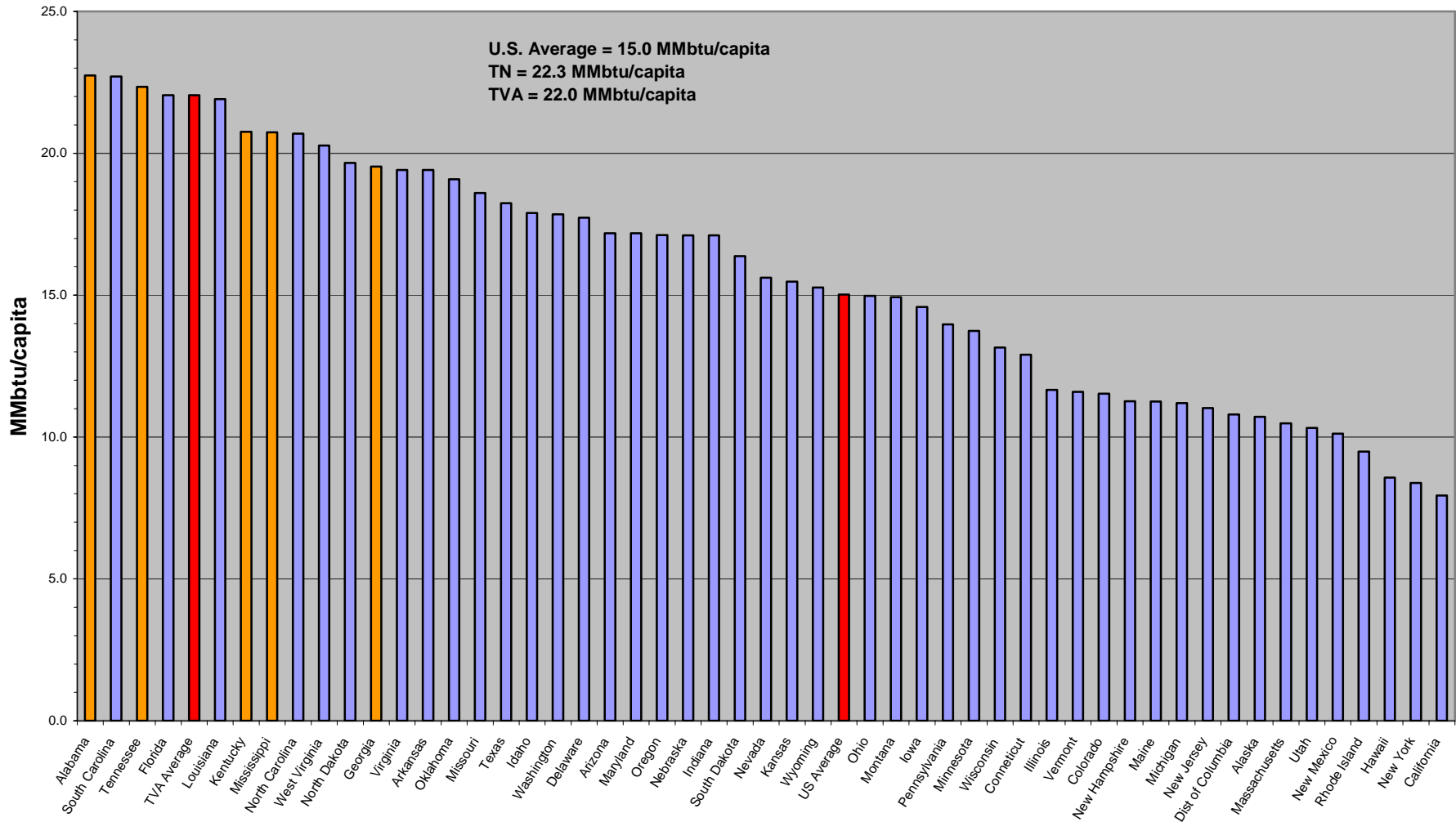
# Where Does the Energy Go?





# Residential Electricity Intensity

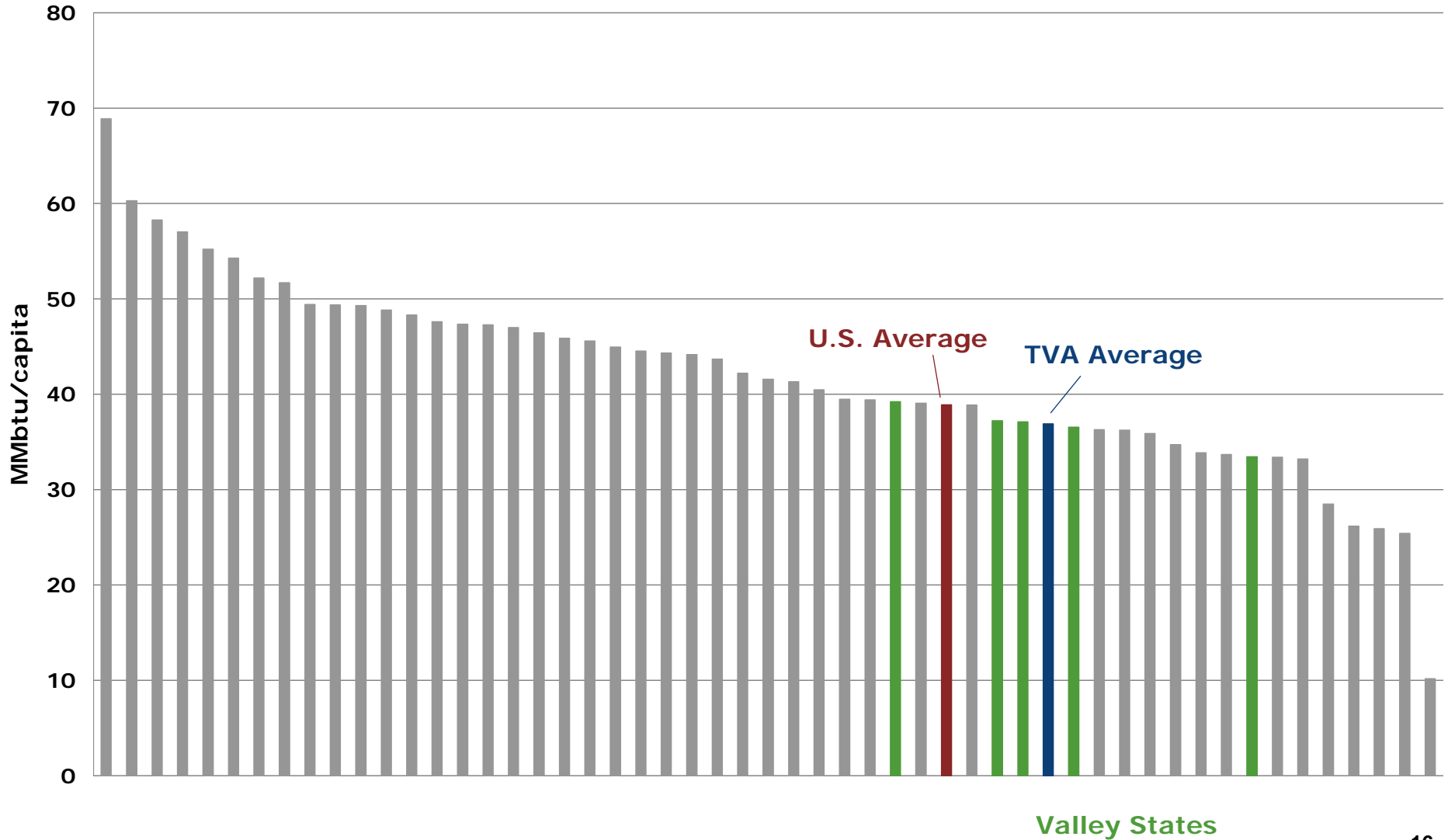
Residential Electricity Intensity - 2004  
MMbtu/capita - Electricity





# Residential Energy Intensity

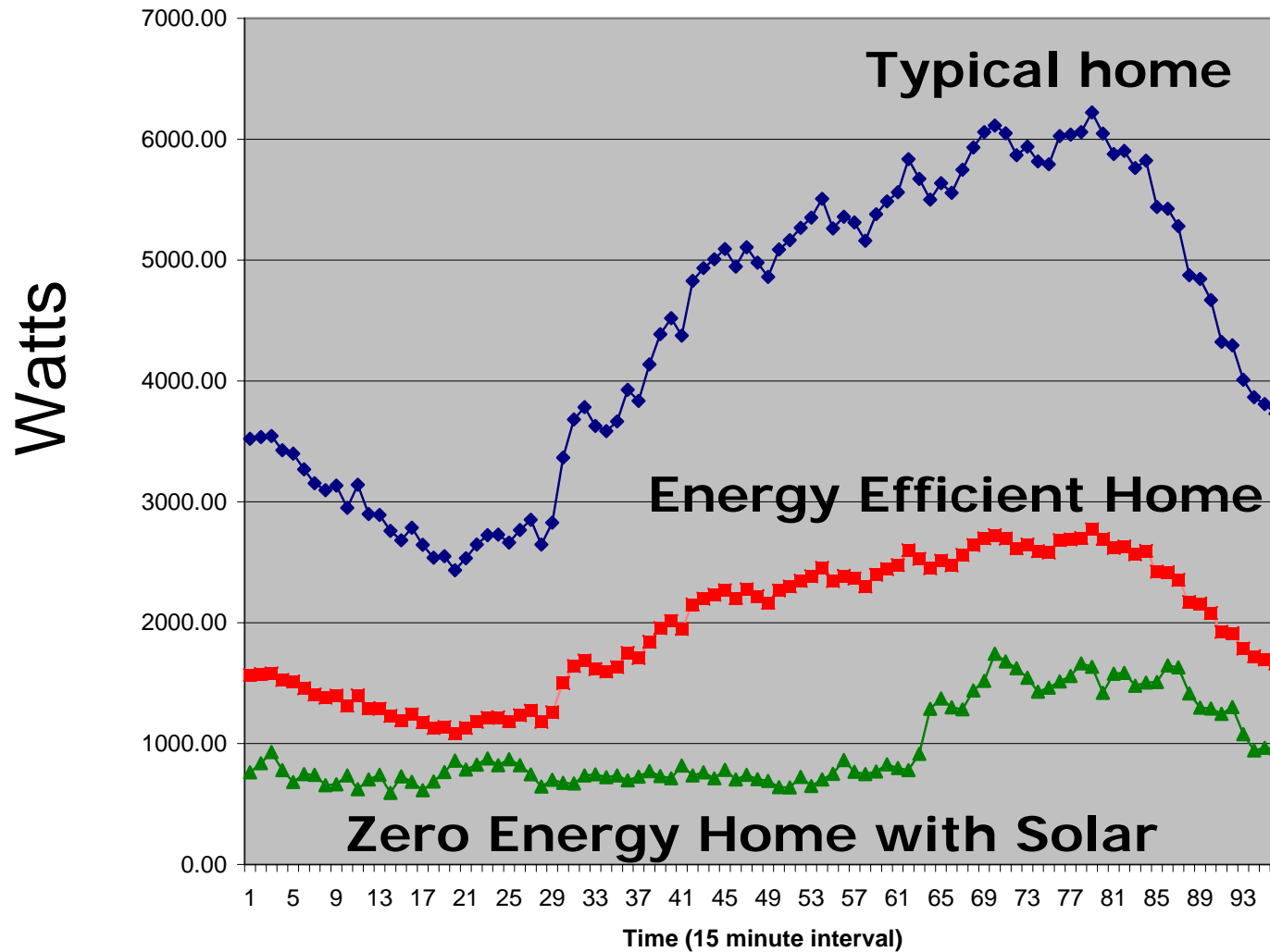
2004 Mmbtu/capita, all energy sources





# Zero Energy Home Comparison

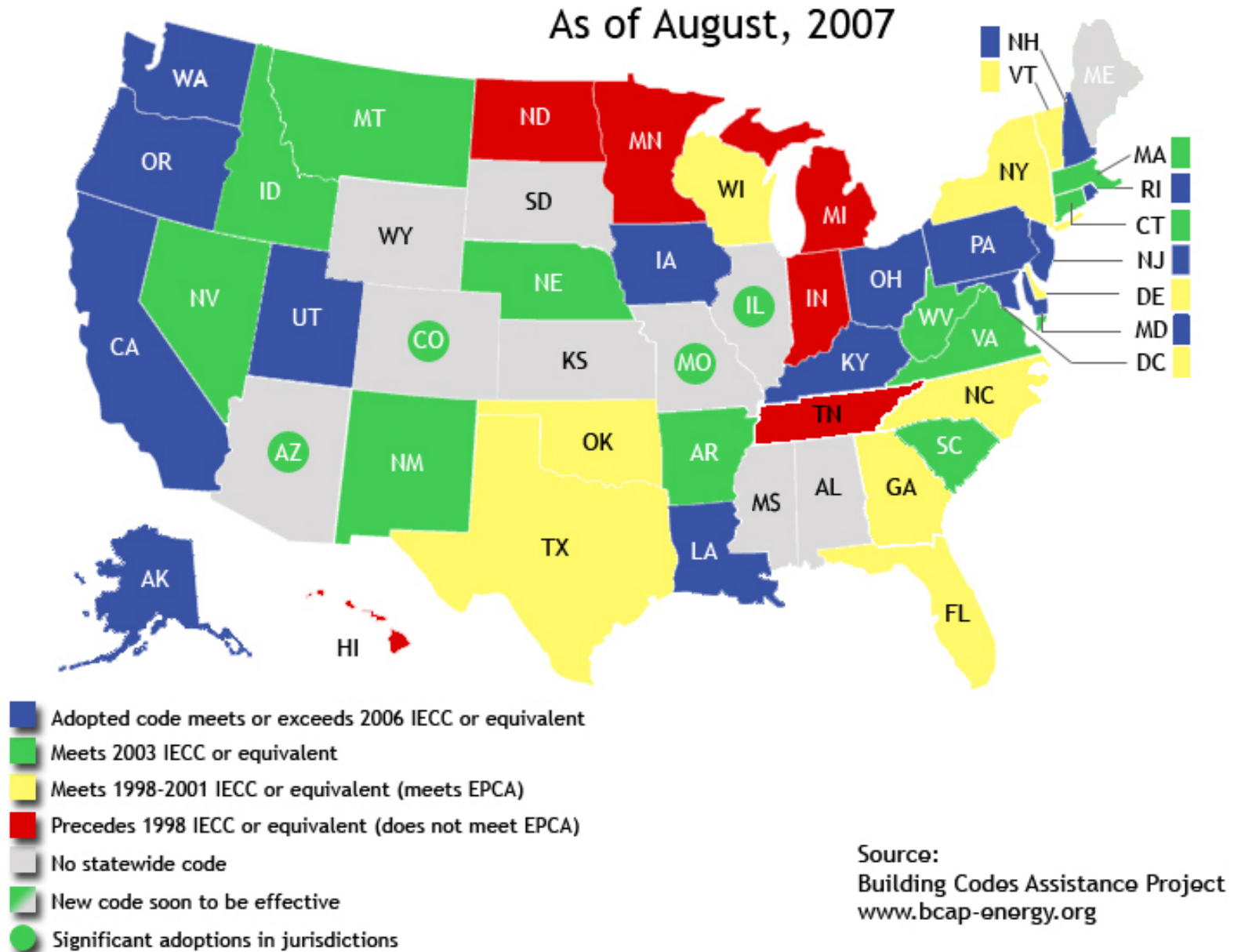
July average daily load profiles Conv vs ZEH2-4







# Residential State Building Codes





# What we have done

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Encouraged usage of energy efficient products

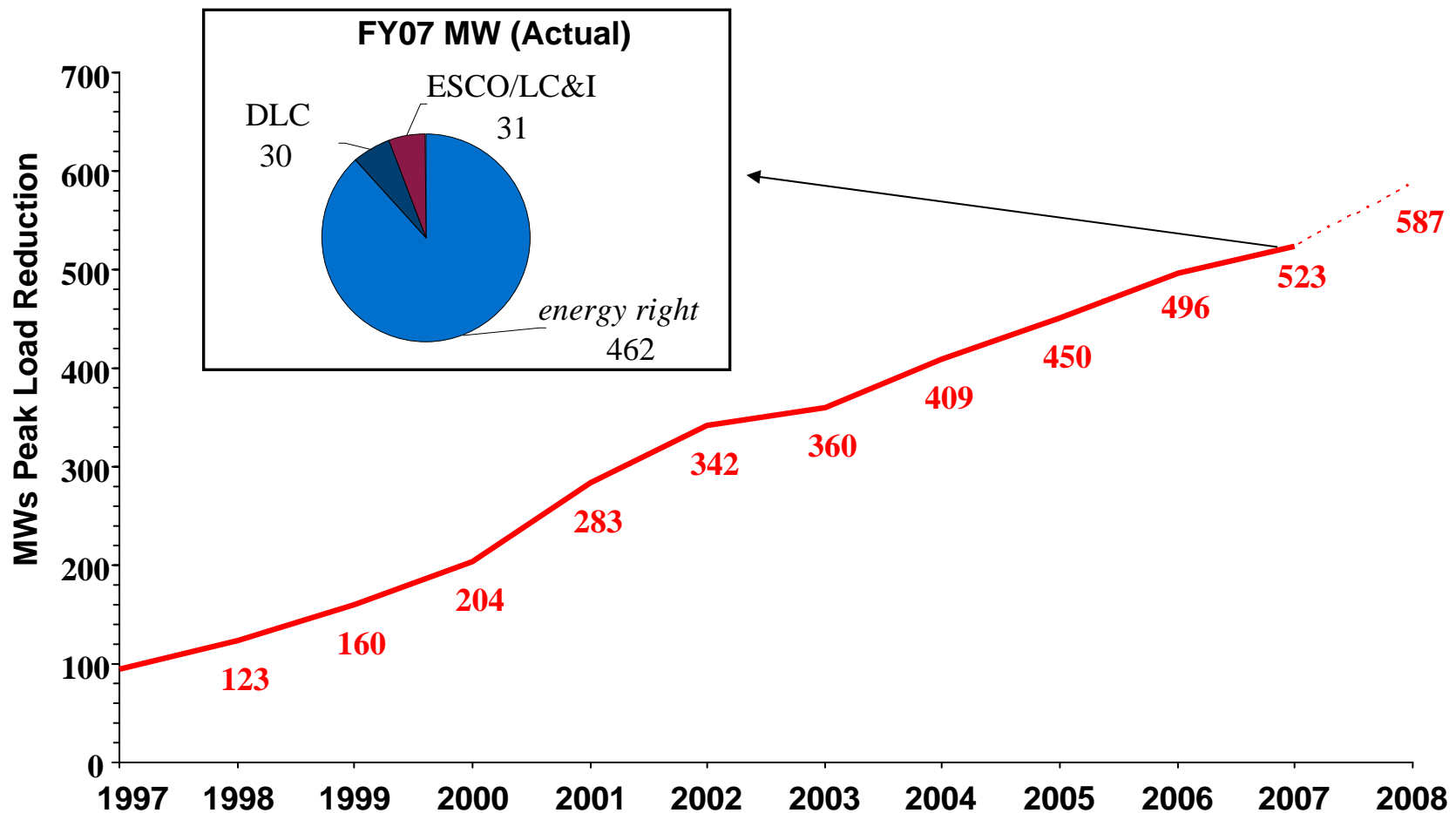
Some specific projects with large customers

Some direct load control



# Demand Reduction 1997 – 2007

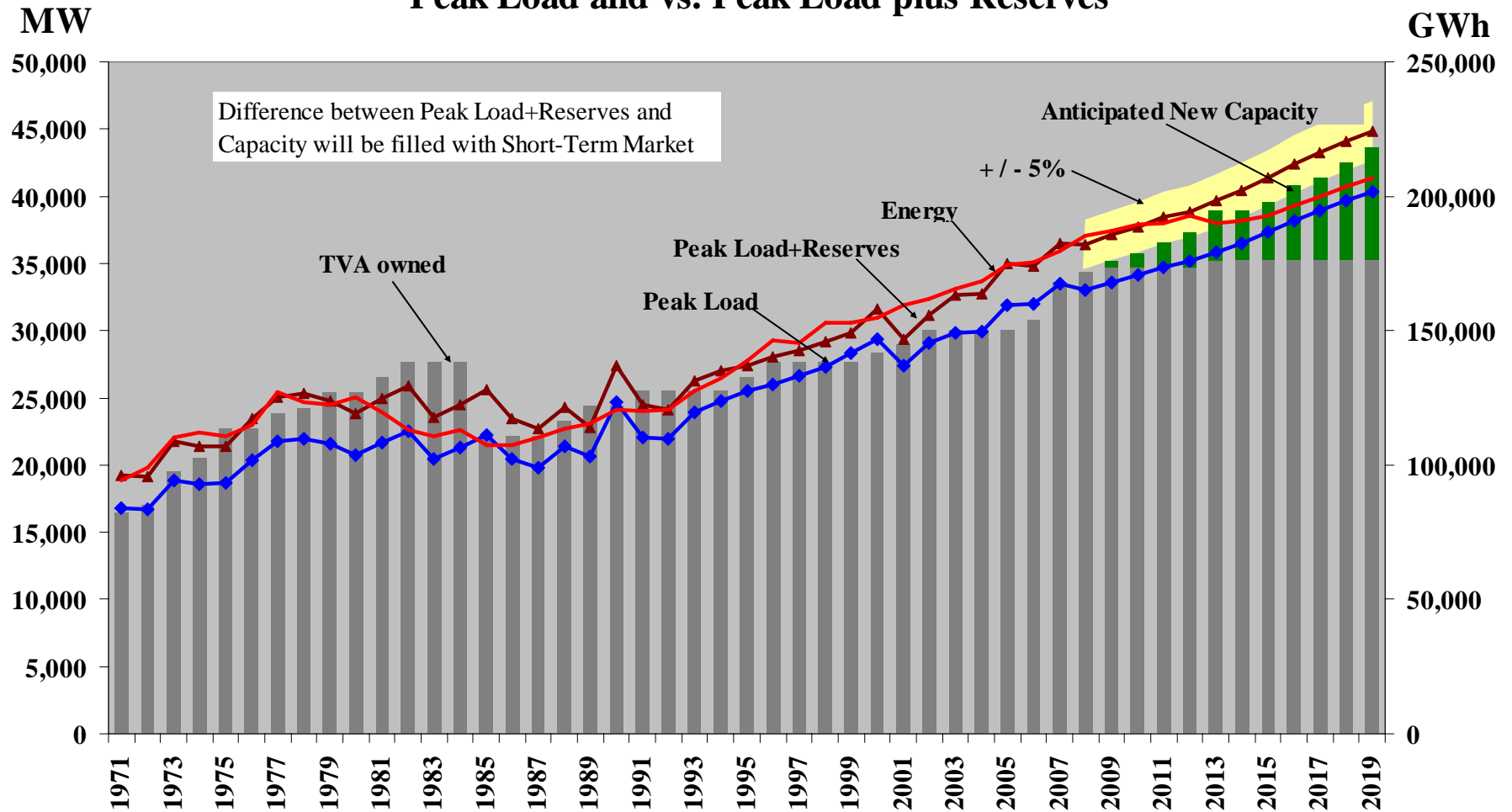
Since 1997, TVA has worked in partnership with local power distributors to achieve energy demand reductions of 523 megawatts.





# Projected Peak Demand/Energy Growth

## Historical Installed Capacity & Forecast Future Capacity vs. both Peak Load and vs. Peak Load plus Reserves

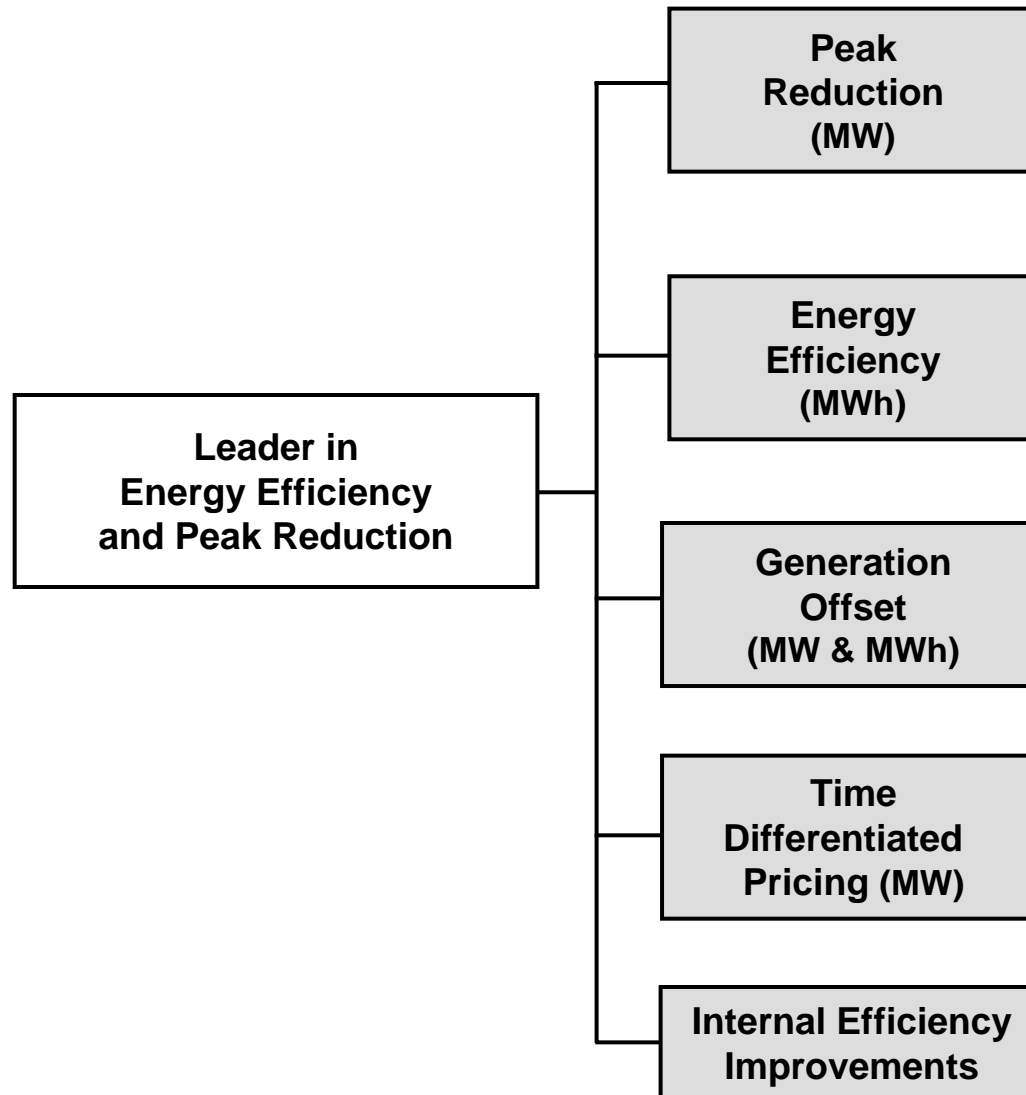


Capacity data from EIA-411, Summer 2005; Forecast is June 2007



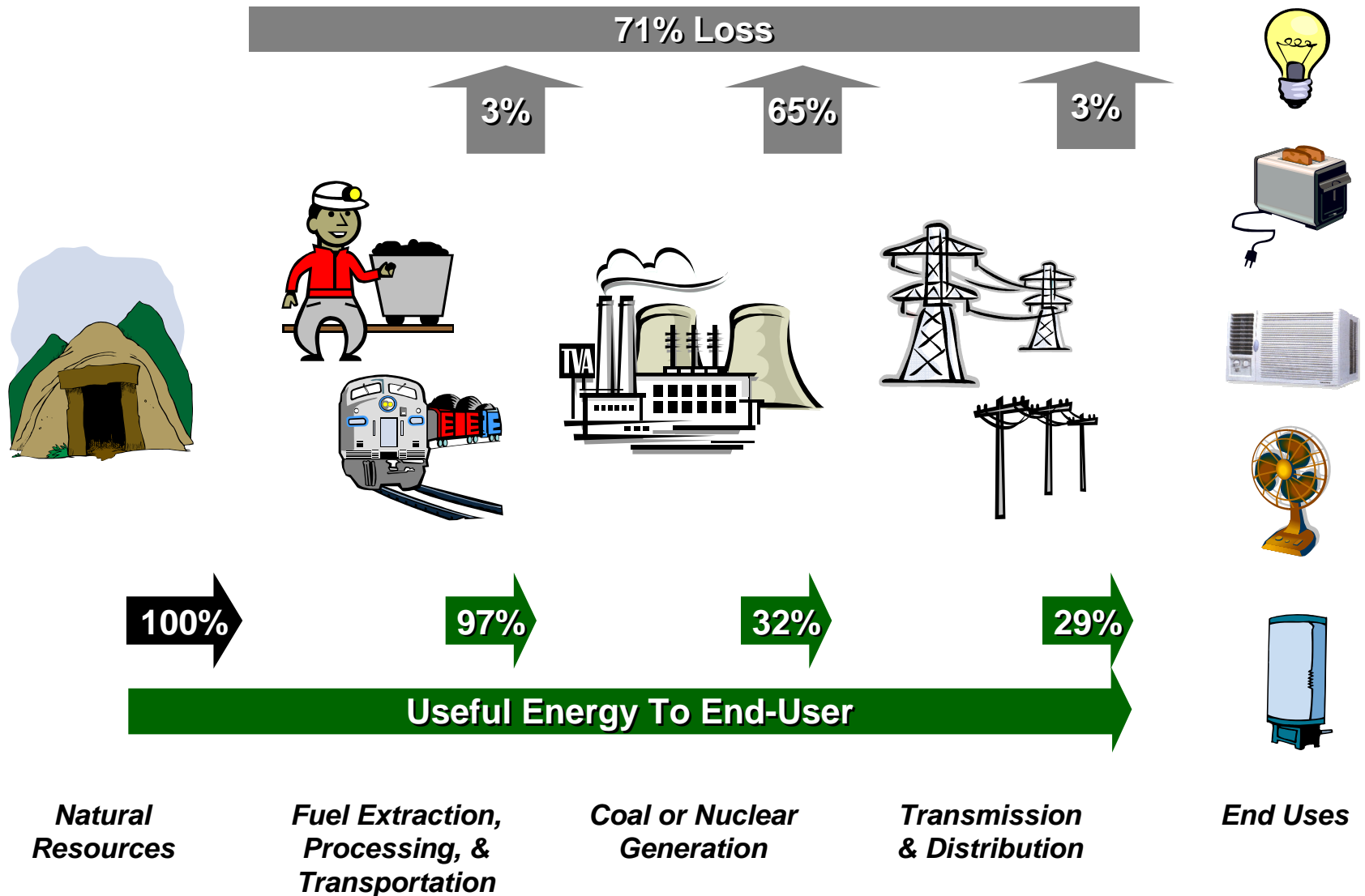
# Leadership Areas

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# Where Does the Energy Go?



## **TVA** Process

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Set initial goal of 1,200 MW by 2013 – **Done**

Establish a project team – **Done**

Expand stakeholder involvement – **In Process**

Develop long-term plan this fiscal year

Education – decisions based on real information

Motivation – behavior based on real economics



# What You Can Do Now!

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Each of us can start by doing the simple things:

- Turn up the thermostat in summer, down in winter
- Turn off lights and appliances when not in use
- Use Compact Fluorescent Lights
- Make sure there is adequate insulation and weather stripping
- Change filters in HVAC systems
- Use less in the 4 - 8 pm period in the summer





## To Learn More

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Visit [www.tva.com](http://www.tva.com) or contact  
a participating local power distributor.

