



TITLE: Presentation on XX

Terry Boston, President & CEO

PJM Interconnection

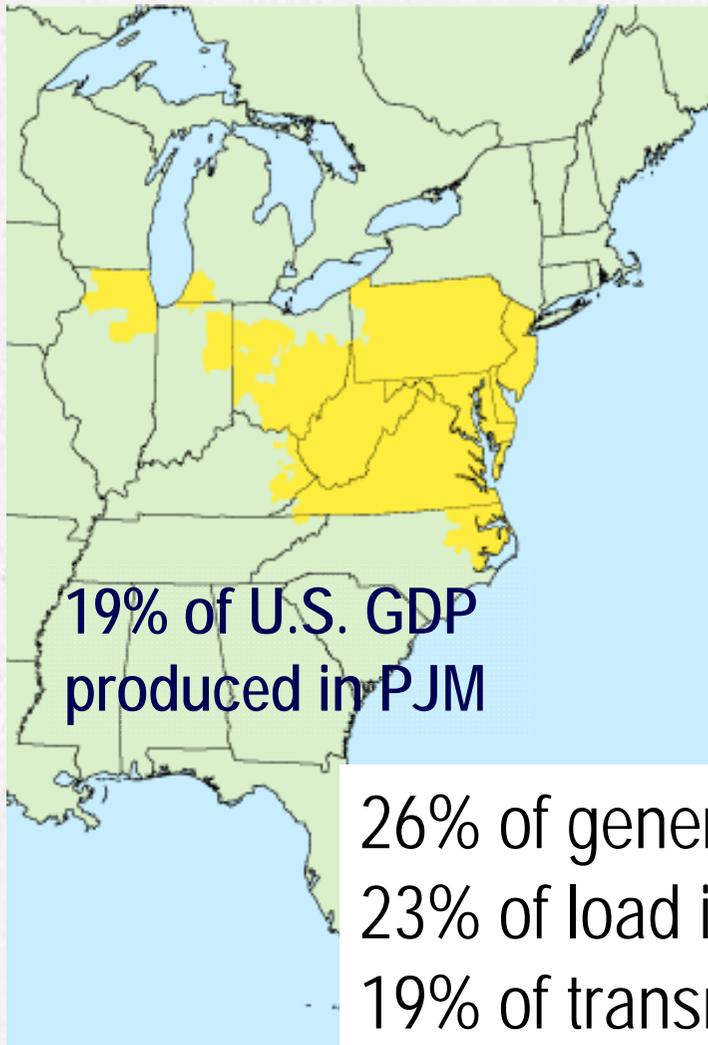
World Forum on Energy

Regulation IV

Athens, Greece

October 18 - 21, 2009

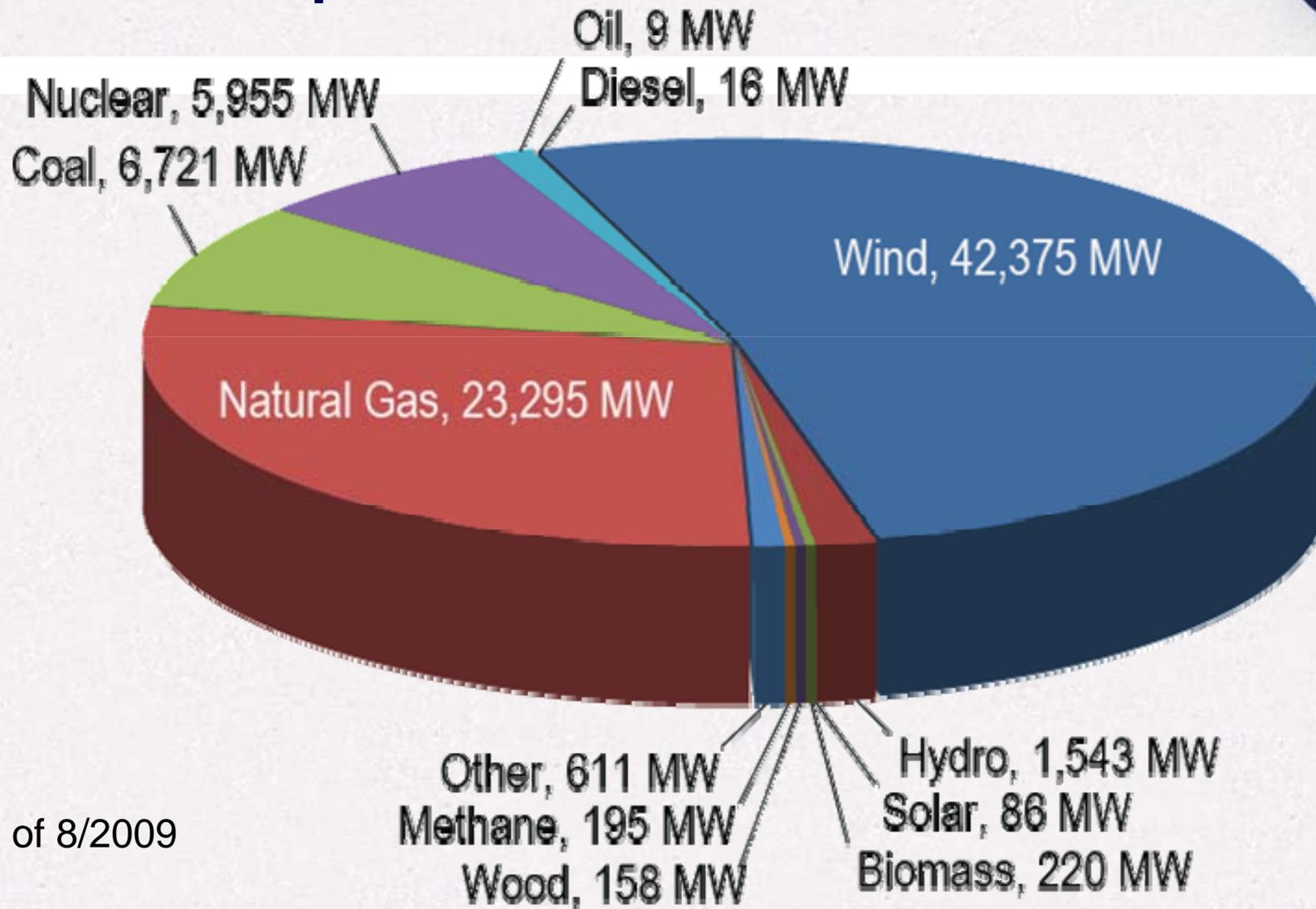
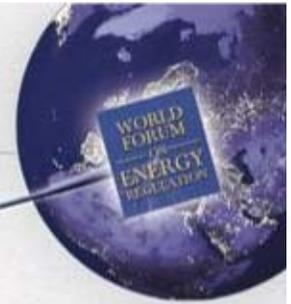
# PJM as Part of the Eastern Interconnection



PJM member companies	550+
millions of people served	51
peak load in megawatts	144,644
MW of generating capacity	164,895
miles of transmission lines	56,499
GWh of annual energy	729,000
generation sources	1,287
square miles of territory	168,500
area served	13 states + DC

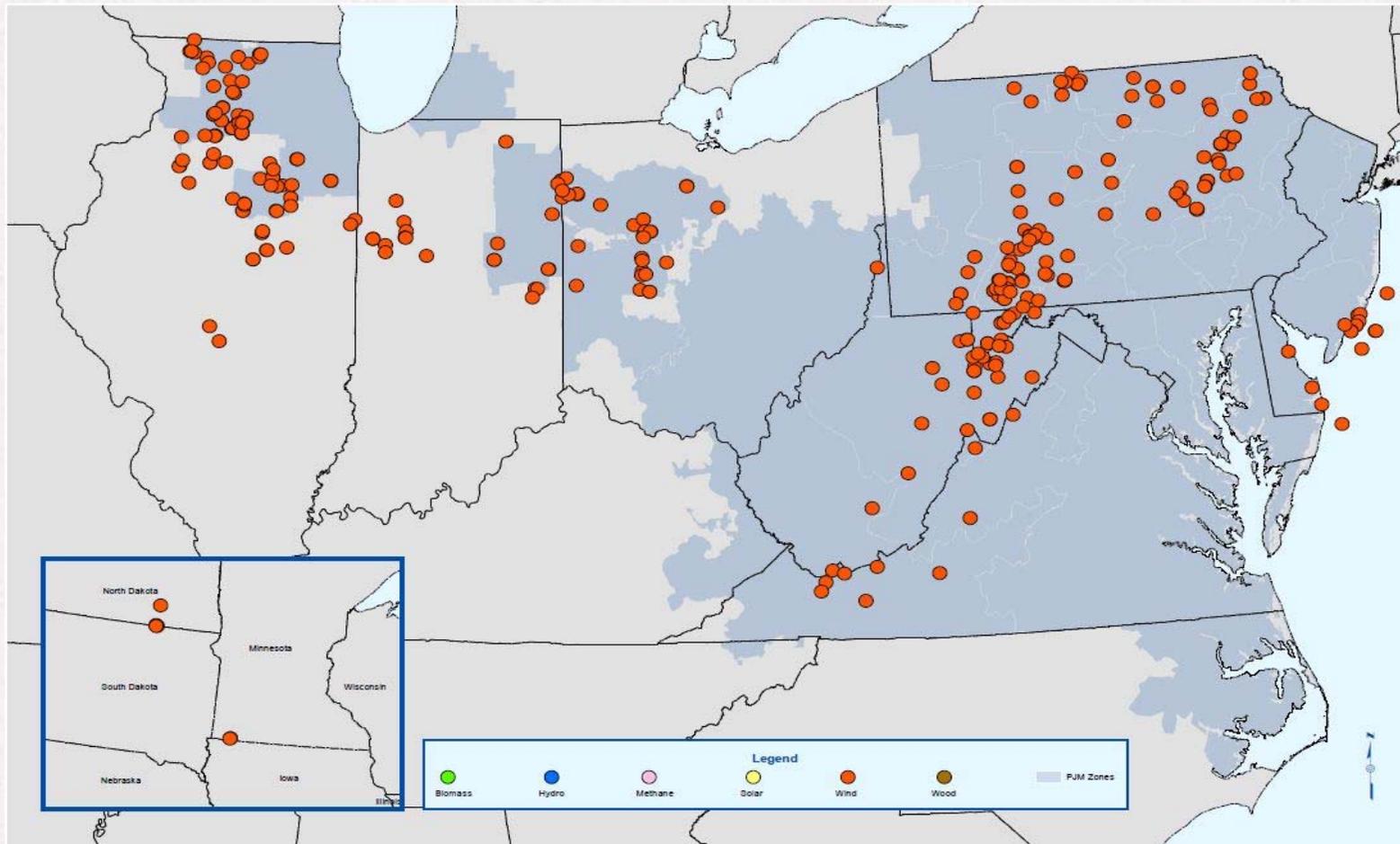
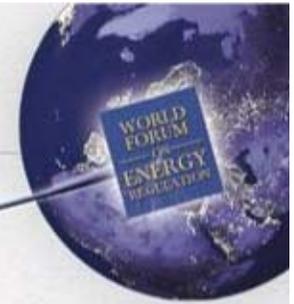
26% of generation in Eastern Interconnection  
23% of load in Eastern Interconnection  
19% of transmission assets in Eastern Interconnection

# Proposed Generation



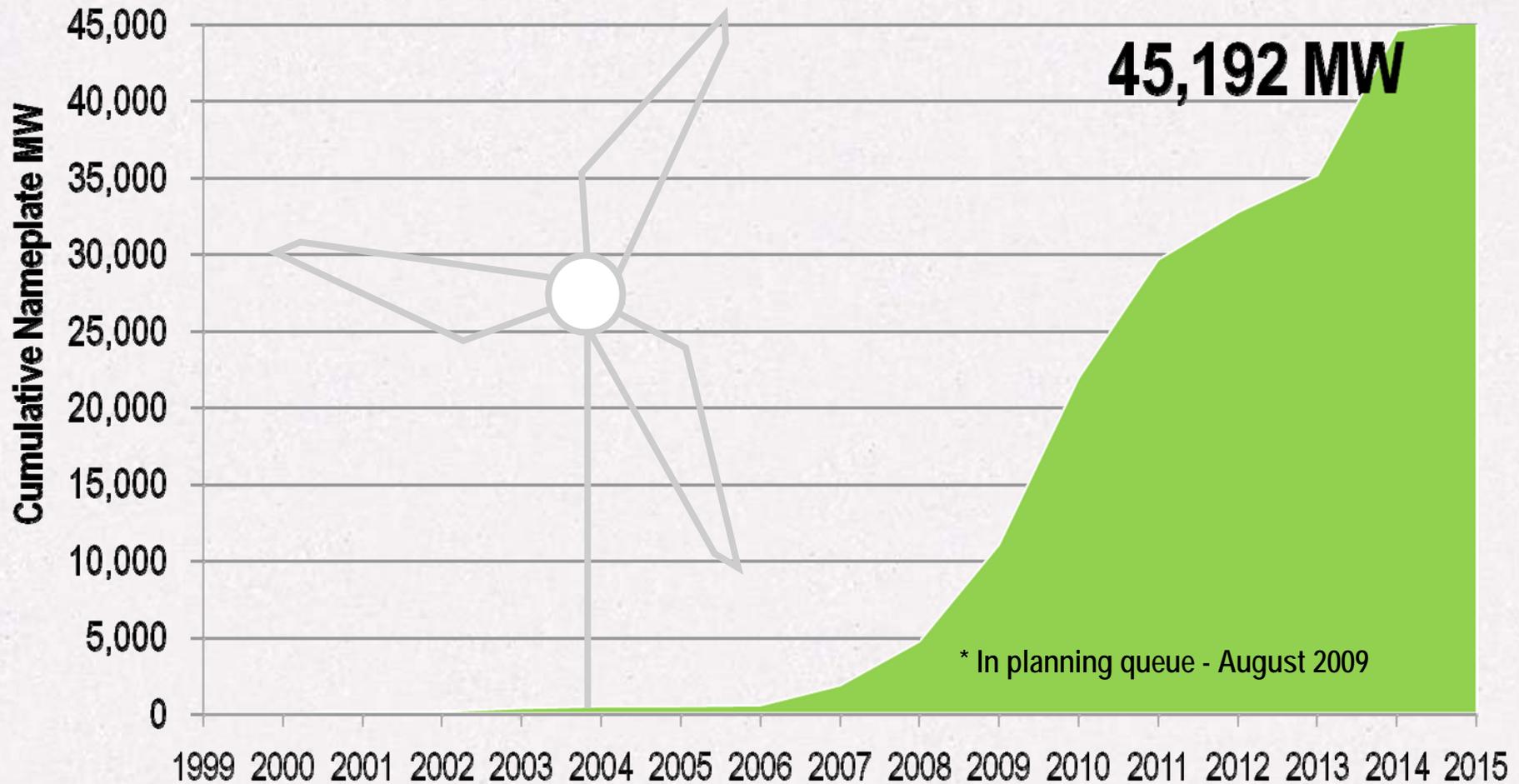
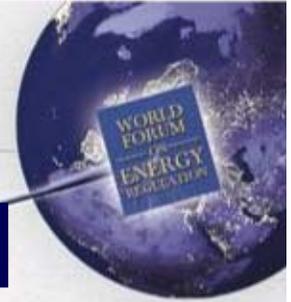
As of 8/2009

# Proposed Wind in PJM Footprint

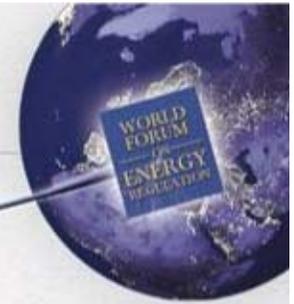


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# Wind Generation in PJM - Operational and Proposed



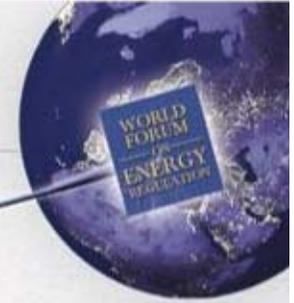
# MAGICC – PJM's PHEV Demonstration Project



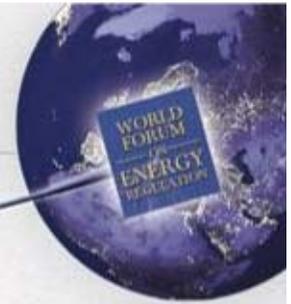
- Smart meter allows car to roam
- Mid-Atlantic Grid Interactive Car Consortium (MAGICC)
- Over one year experience



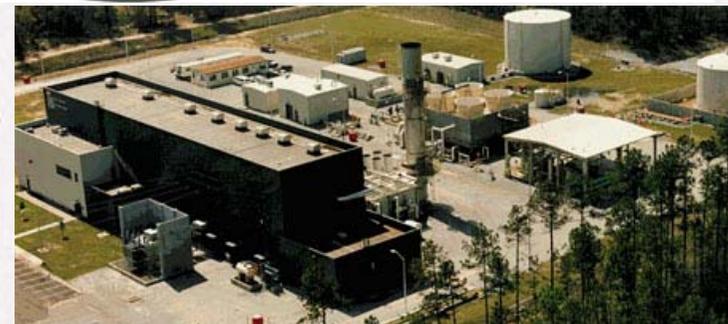
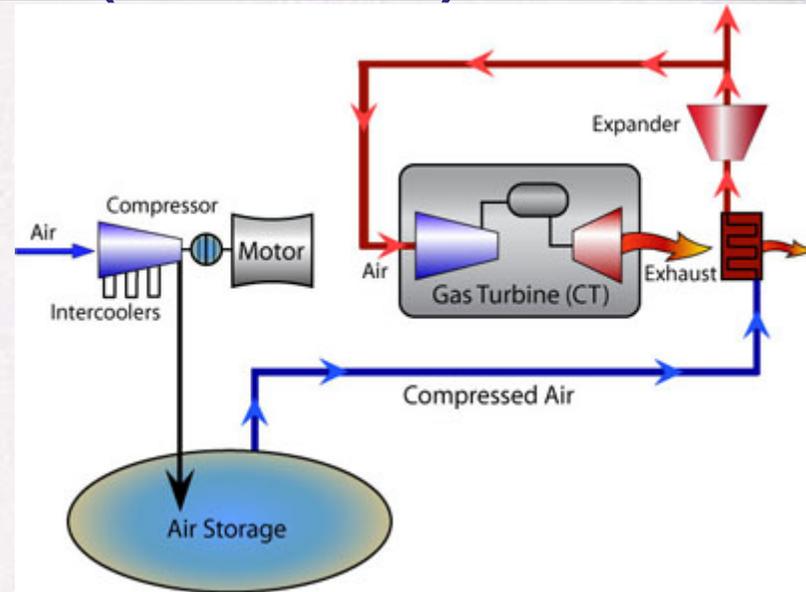
# AES Grid-Scale Energy Storage System



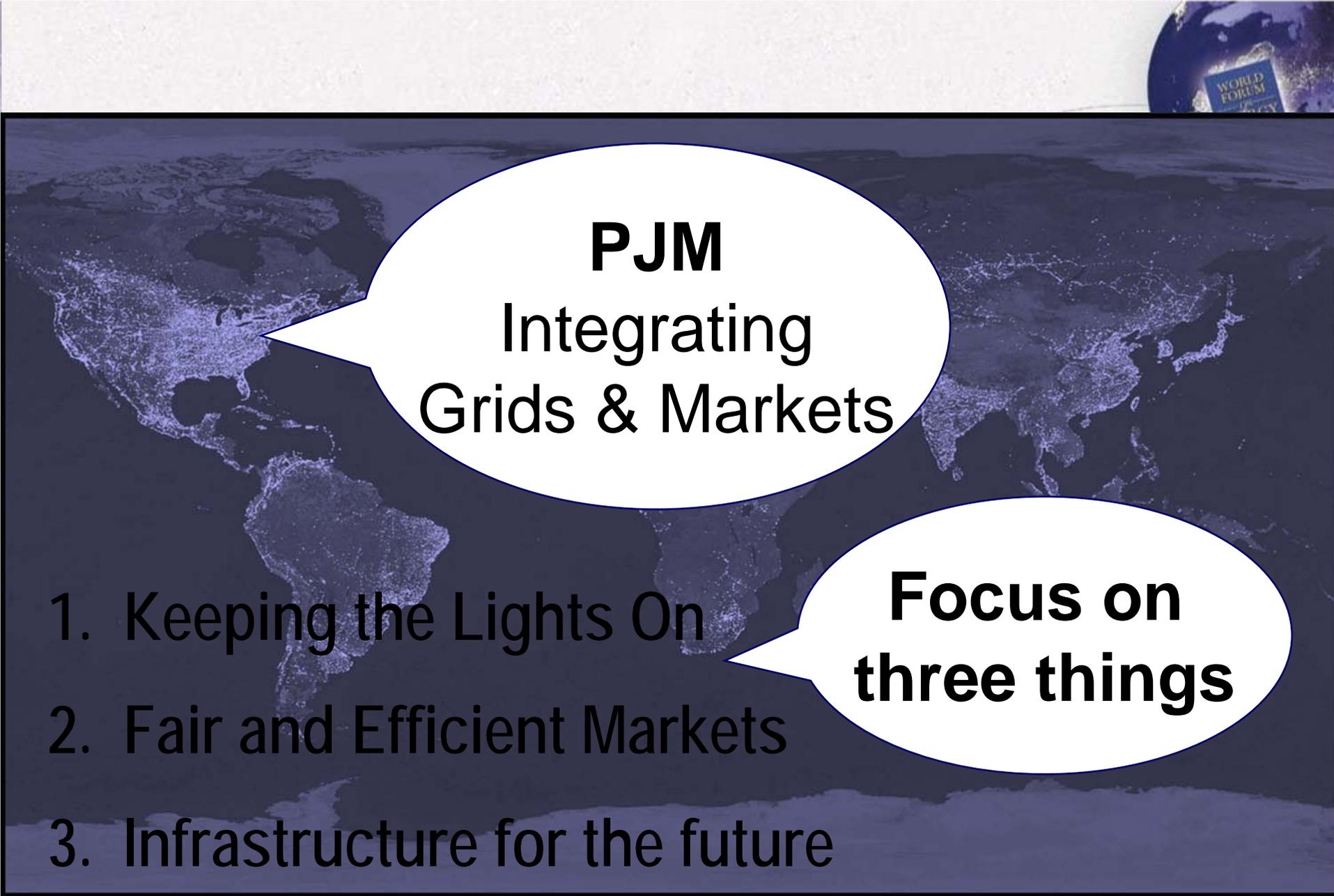
# PSE&G – Compressed Air Energy Storage (CAES)



- PSE&G Power is evaluating projects to develop, design, construct and operate CAES
- PJM analyzing accommodating CAES capabilities in existing PJM market structure



Alabama Electric Cooperative 110 MW  
McIntosh compressed air storage power plant



**PJM**  
Integrating  
Grids & Markets

1. Keeping the Lights On
2. Fair and Efficient Markets
3. Infrastructure for the future

**Focus on  
three things**