



# Grid Reliability Activities Joint FERC/NRC Meeting

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# Overview

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- Progress since January 2007
- Reliability Standards Activities
- Nuclear Power Plant Uprates
- License Renewal

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## Progress Since 2007

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- Completed Grid Reliability Assessment
  - Closed Generic Letter 2006-02
- Continue Monitoring Grid Status
  - Daily Grid Status Report



# Reliability Standards Activities

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- Involvement with Reliability Standards
  - Identified Critical Standards for Nuclear Plants
  - Nuclear Plant Interface Coordination Standard (NUC-001)

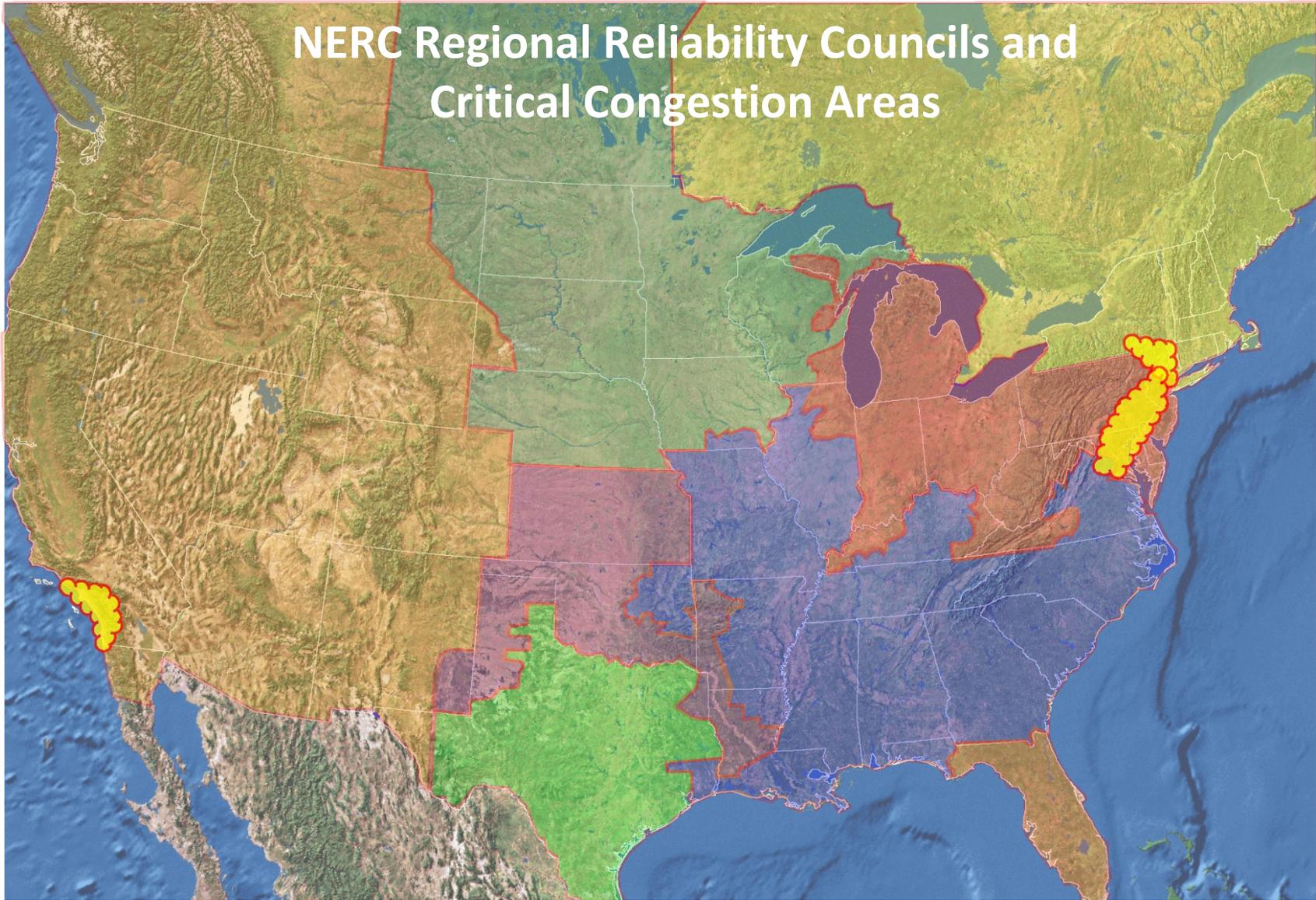


## Upgraded Nuclear Plants

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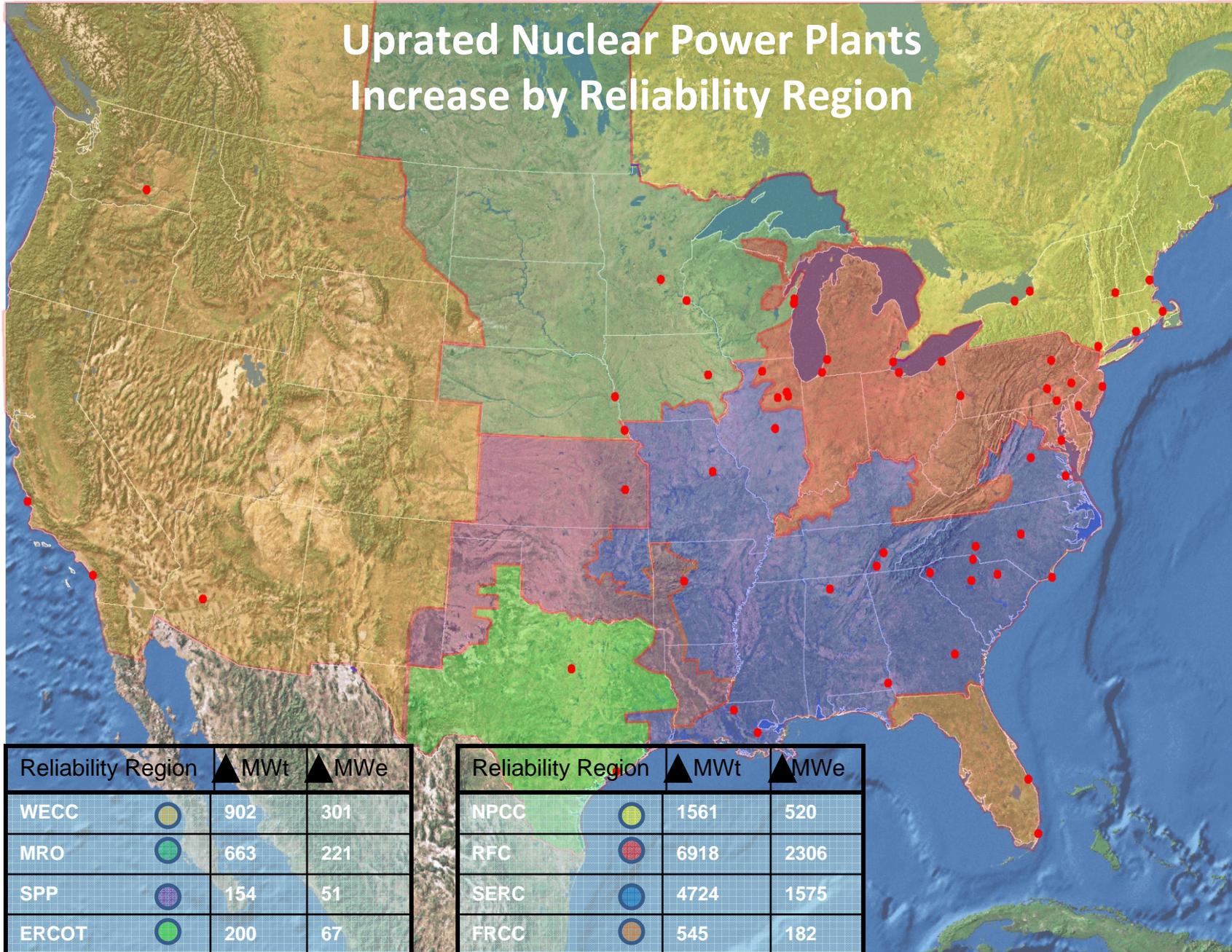
- Added 5,200 MWe Since 1977
  - Does Not Include Efficiency Gains
- Approximately 2900 MWe Proposed
- Power Upgrade Applications Must Include Grid Impact Studies

# NERC Regional Reliability Councils and Critical Congestion Areas



Electric Reliability Council of Texas		Florida Reliability Coordinating Council		Midwest Reliability Organization	
Northeast Power Coordinating Council		Reliability First Corporation		South East Reliability Corporation	
Southwest Power Pool		Western Electricity Coordinating Council		Critical Congestion Area	

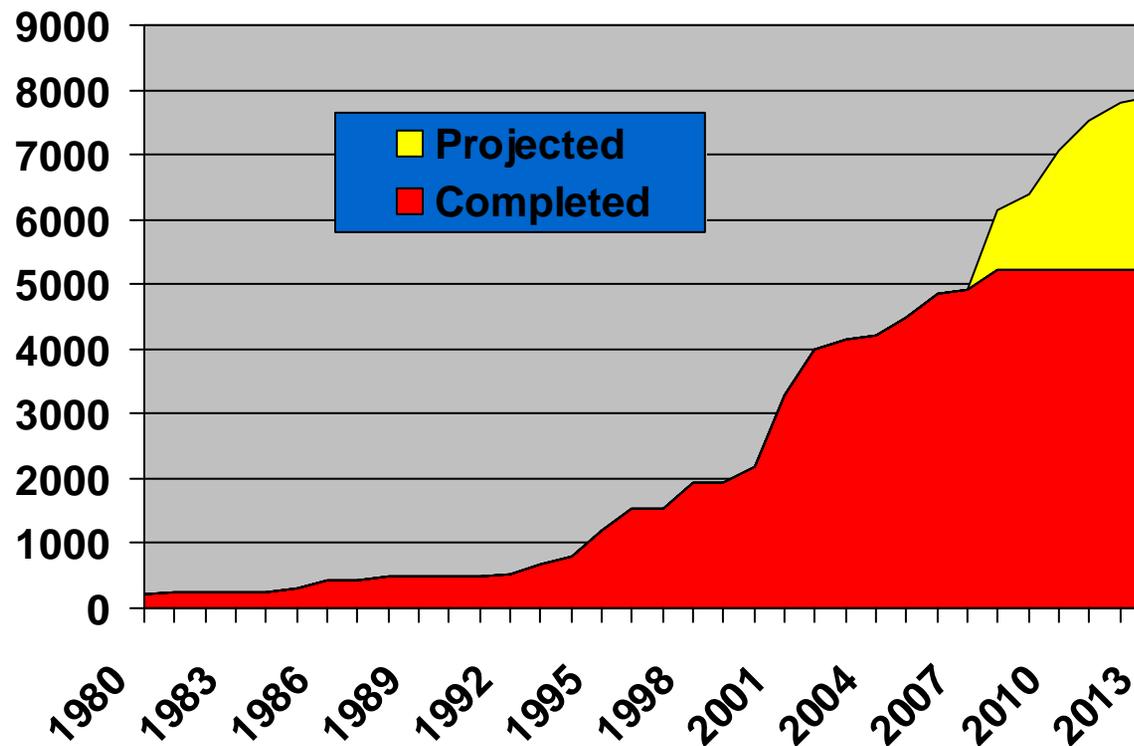
# Updated Nuclear Power Plants Increase by Reliability Region



Reliability Region	▲ MWt	▲ MWe
WECC	902	301
MRO	663	221
SPP	154	51
ERCOT	200	67

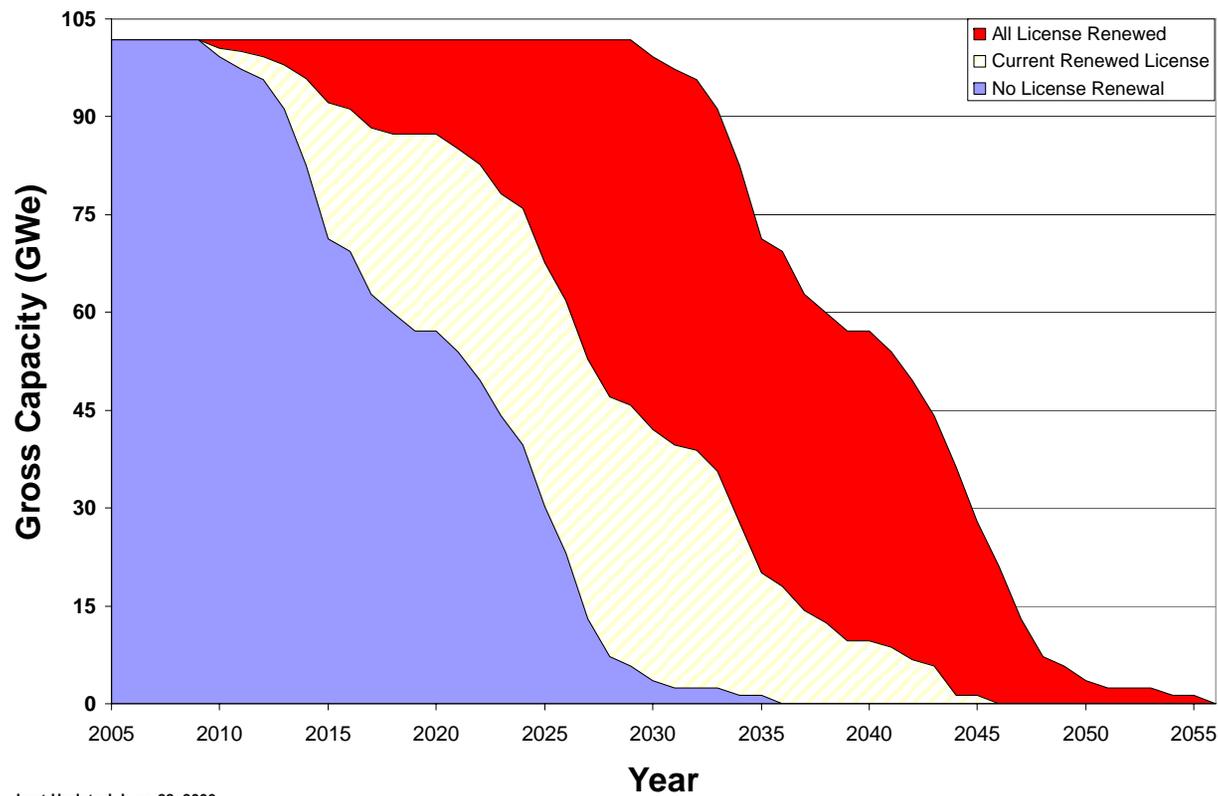
Reliability Region	▲ MWt	▲ MWe
NPCC	1561	520
RFC	6918	2306
SERC	4724	1575
FRCC	545	182

# Power Uprate Additions



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## License Renewal Impact on Nuclear Power



Last Updated June 28, 2006

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# List of Acronyms

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- DOE - Department of Energy
- FERC - Federal Energy Regulatory Commission
- MWe - Megawatts Electric
- NERC - North American Electric Reliability Corporation
- NRC - Nuclear Regulatory Commission