

# **Green Power and Louisiana Renewable Resources**

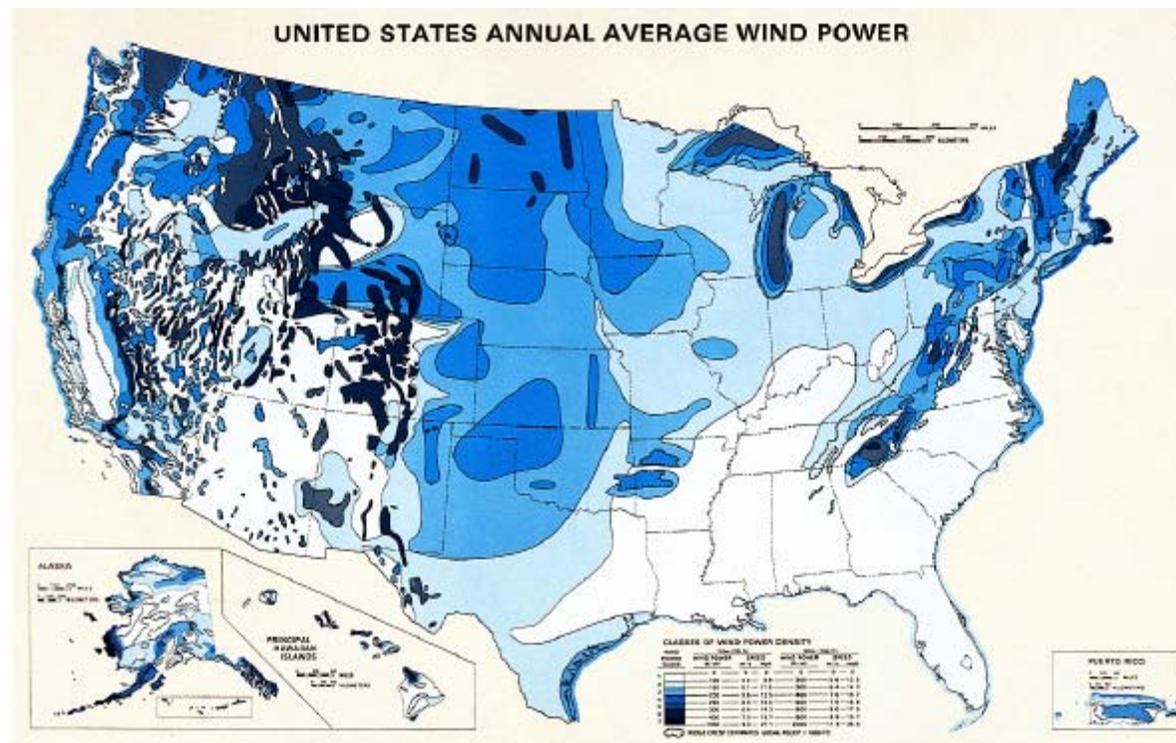
**LSU Center for Energy Studies  
Annual Conference**

Brent Dorsey  
April 25, 2007  
Baton Rouge, LA

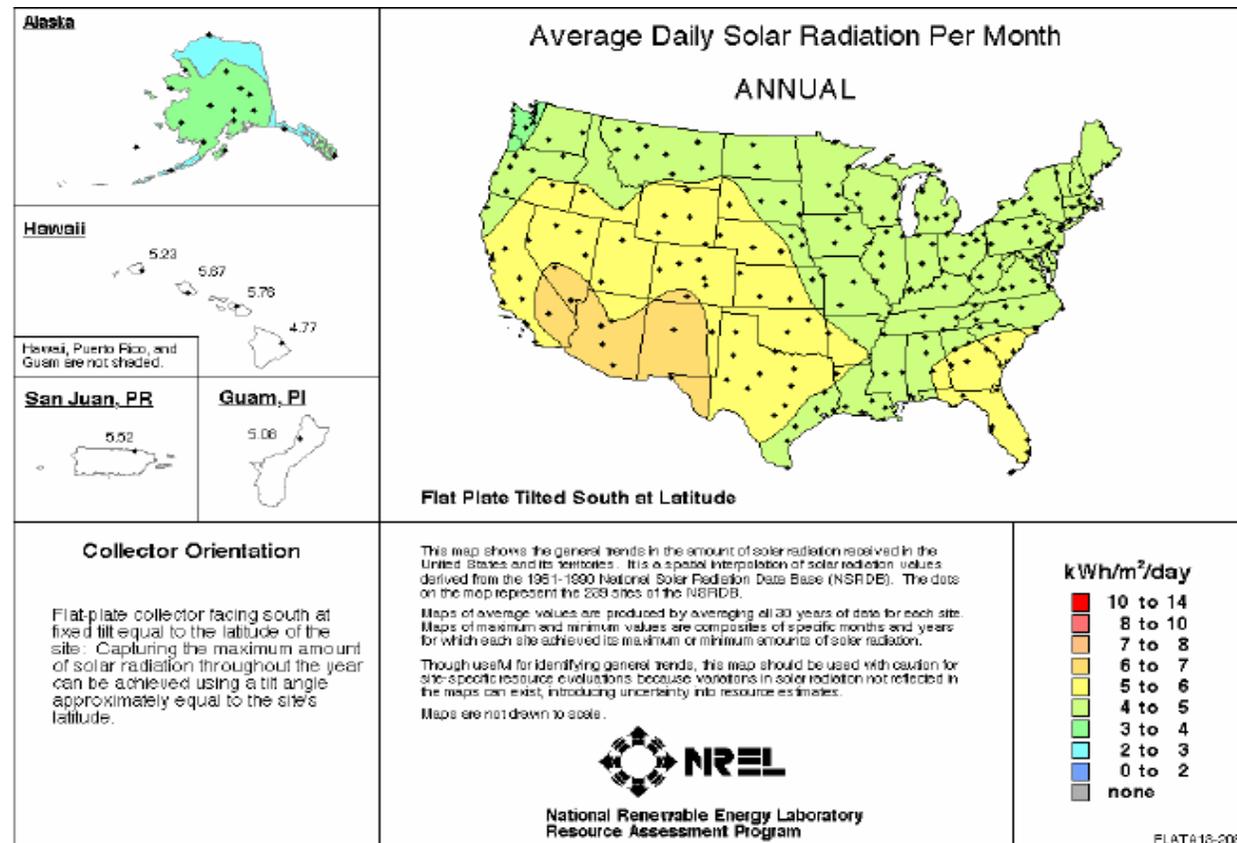
# Entergy's Environmental Commitment

- First U.S. utility to stabilize GHG emissions
  - 1<sup>st</sup> cap at 2000 level through 2005, able to beat our goal by 23% while increasing sales 21%
  - 2<sup>nd</sup> cap 20% below 2000 level through 2010
- Named to the Dow Jones Sustainability Index
  - 5 consecutive years
  - Only U.S. utility named in 2006
- Carbon Disclosure Project
  - Named “best-in-class” for 3 consecutive years

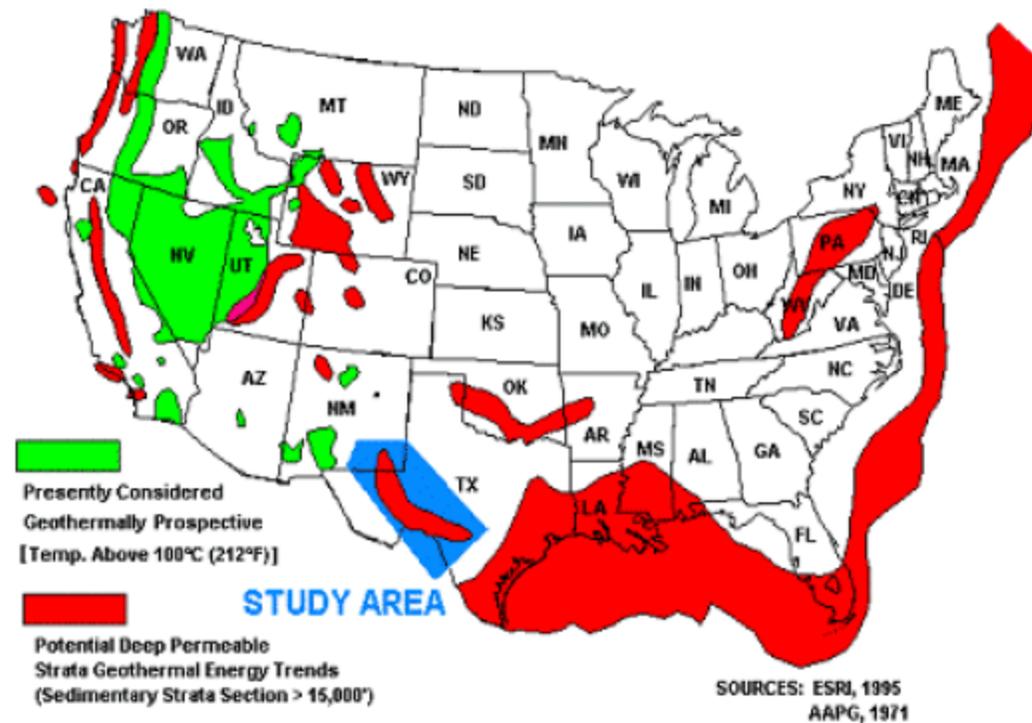
# Wind Resources



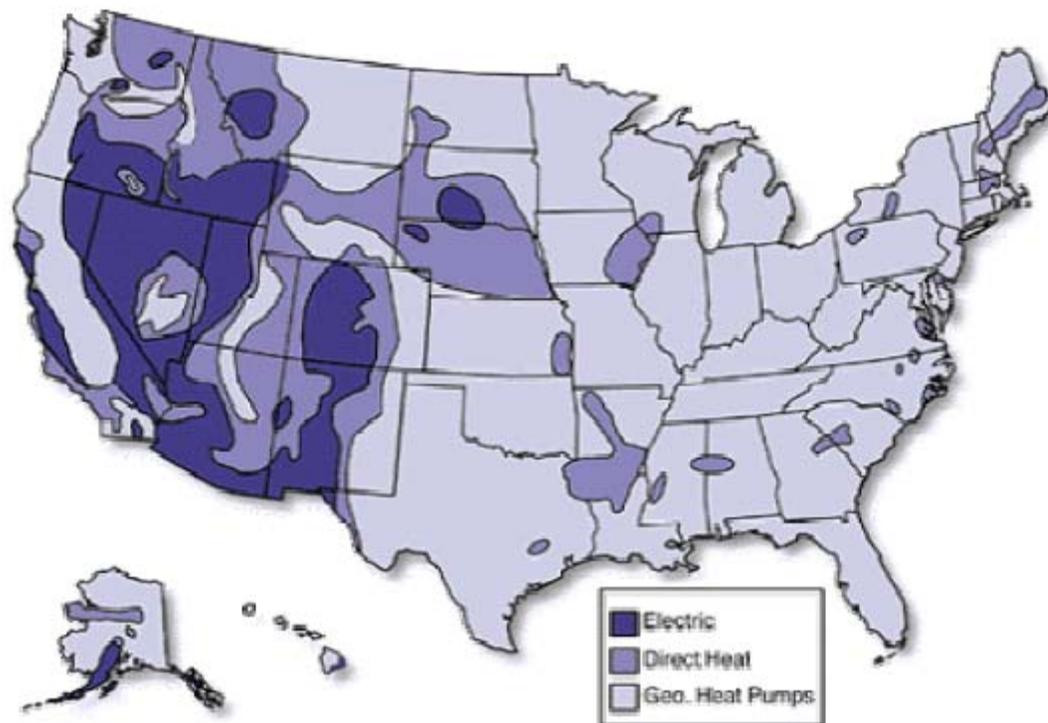
# Solar Resources



# Geothermal Resources

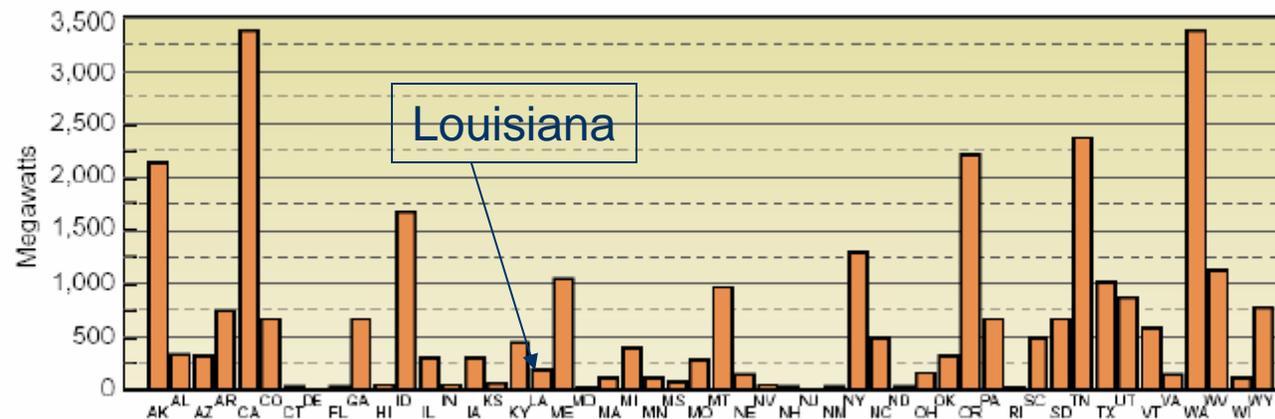


# Low Temperature Geothermal Resources



# Hydroelectric Resources

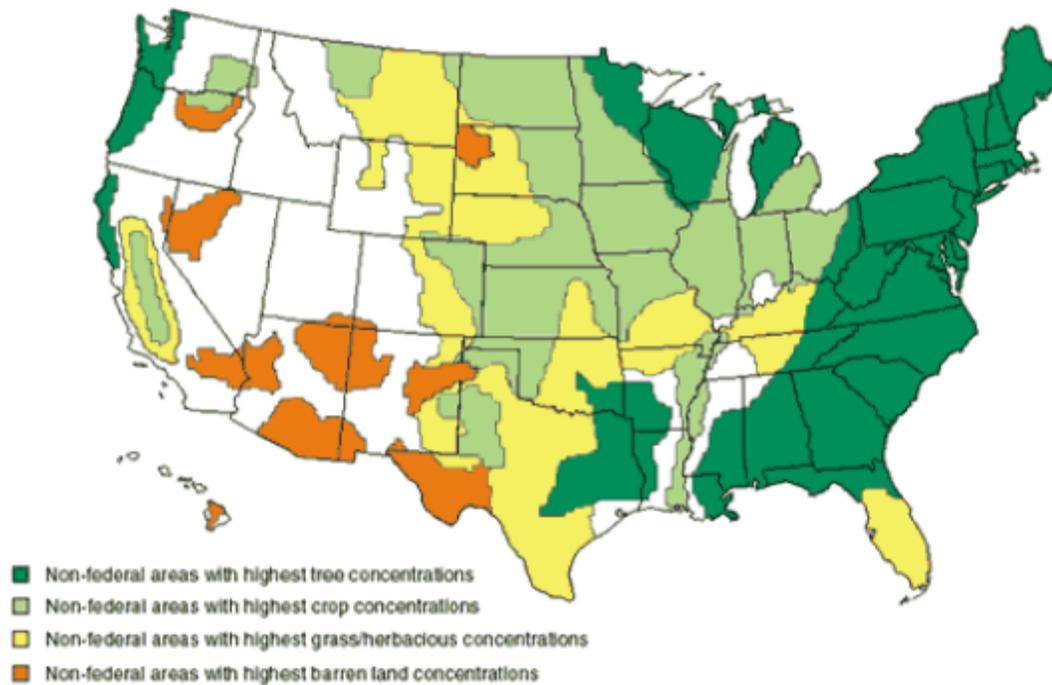
**Undeveloped Hydropower Potential by State - Megawatts**



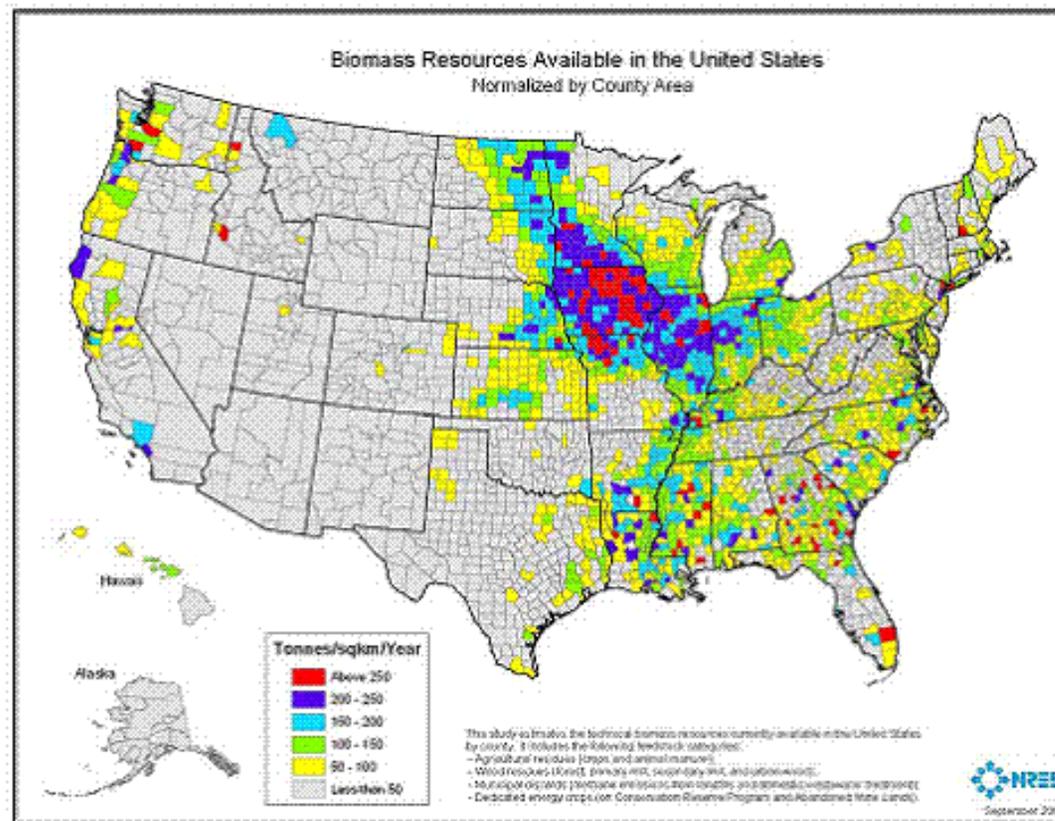
Source: Hydroelectric Power Resources Assessment database (FERC) and Hydropower Evaluation Software (INEEL). DOE has modeled the undeveloped conventional hydropower potential in the United States. This does not include developed capacity. Various state agencies have reviewed the modeled results and provided input. The 50-state undeveloped conventional hydropower potential is approximately 30,000 MW. The model includes environmental, legal, and institutional constraints to development.

# Biomass Resources

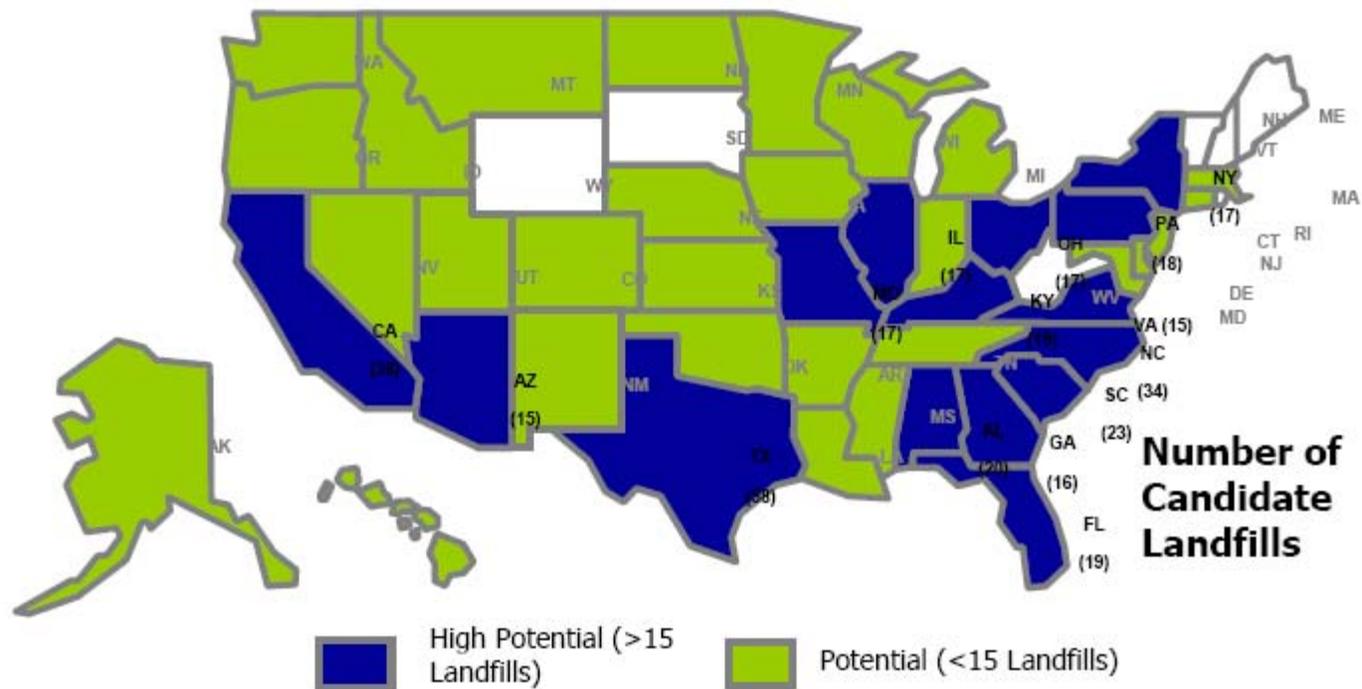
Highest Concentrations of Biomass Resources



# Biomass Resources



# Landfill Gas Resources



# Louisiana's Green Tariff Pilot

Entergy Gulf States – LA

In conjunction with the

Louisiana Public Service  
Commission

# Geaux Green – Pilot tariff

- One year pilot (April, 2007)
- Voluntary green tariff for Entergy GSU – LA
  - Baton Rouge
  - Lake Charles
  - Outlying areas of Lafayette
- One year contract required
- Up to 40,000 MWh to be sold
- \$.0225/KWh sold in 100 KWh blocks (\$2.25/mo.)
- Sourced from Louisiana renewable resources
  - Bagasse
  - Rice hulls

# Geaux Green – how to sign up

- Bill inserts sent to all Entergy Gulf States Utilities – LA customers
- Send back the form included in the bill insert
- [www.geauxgreen.com](http://www.geauxgreen.com)
- Billboard advertising
- Or the toll free number (877) 847-3364

# Geaux GREEN

It's A Good Choice For Louisiana.



*Entergy*

THE POWER OF PEOPLE™

[geauxgreen.com](http://geauxgreen.com)