



WESTERN GOVERNORS' ASSOCIATION

Biomass Utilization

The Western Governors'

Role

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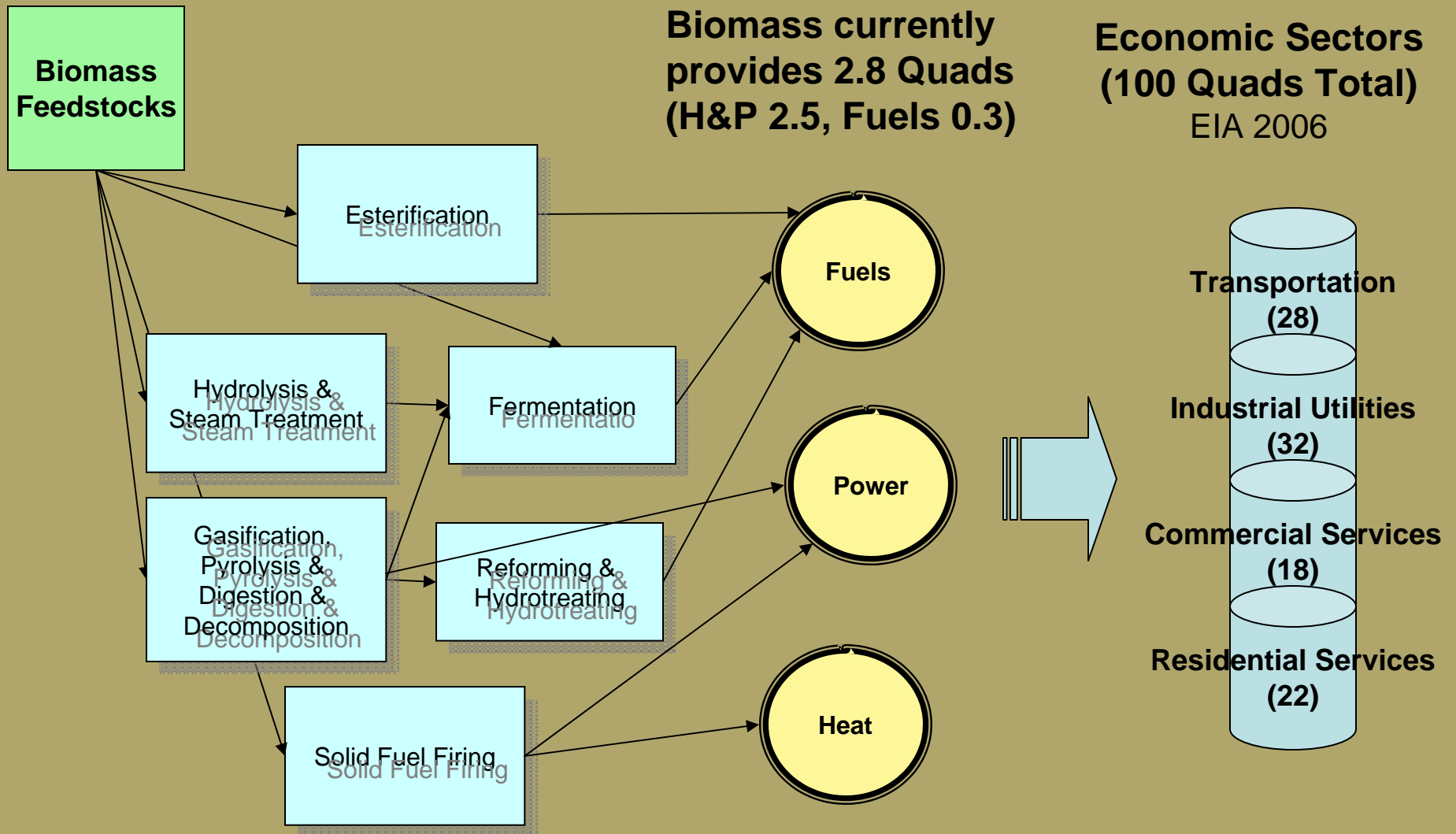
Western Governors' Association



Mission

- WGA addresses important policy and governance issues in the West, advances the role of the Western states in the federal system, and strengthens the social and economic fabric of the region.
- WGA develops policy and carries out programs in the areas of natural resources, the environment, human services, economic development, international relations and state governance.
- WGA acts as a center of innovation and promotes shared development of solutions to regional problems

Biomass Conversion and Product Options



Clean and Diversified Energy Initiative



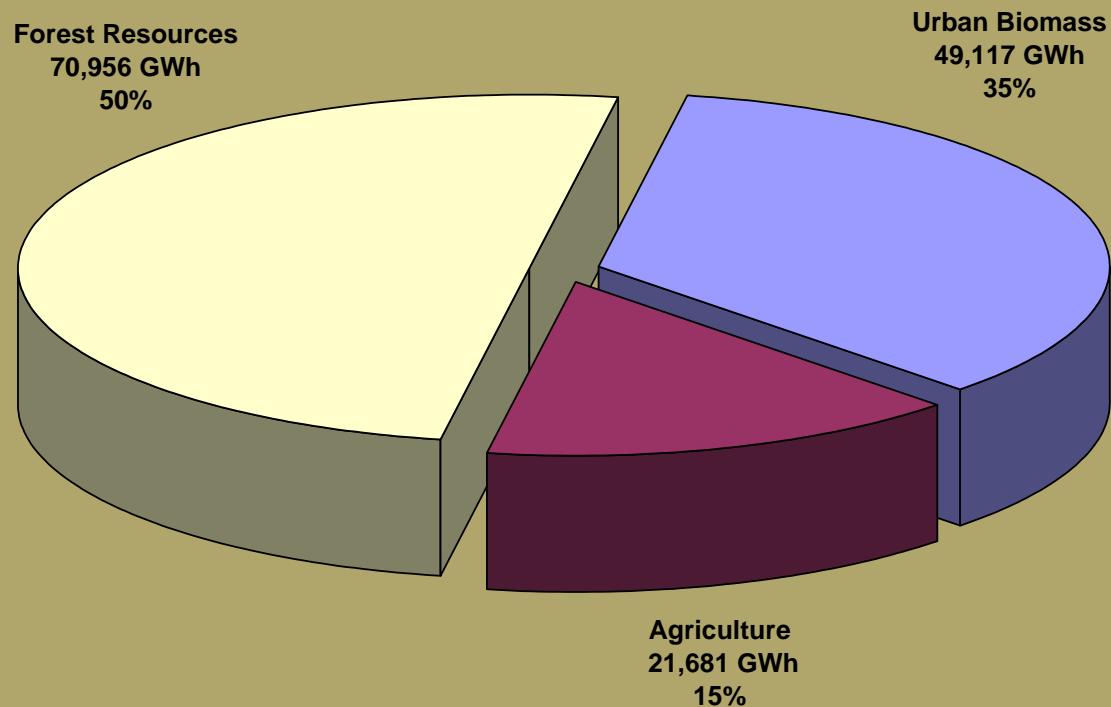
Western Governors' Resolution Goals

1. Add 30,000 megawatts of clean energy by 2015
2. Increase energy efficiency 20% by 2020
3. Meet transmission needs over the next 25 years

Clean and Diversified Energy Initiative

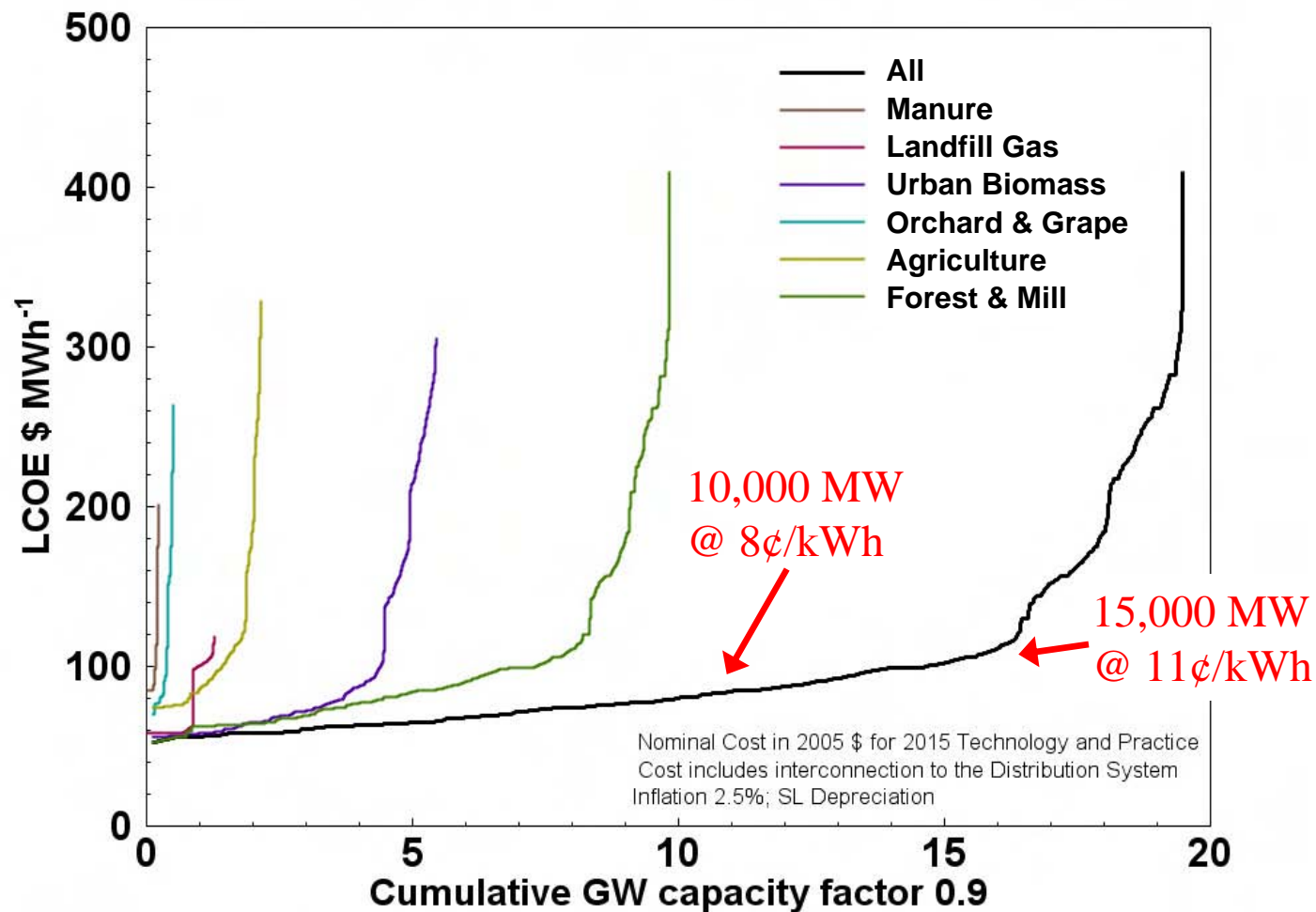


Biomass (GWh/y equivalent) in the WGA Region Available for Power Generation



Biomass Fuel Supply – Cumulative

WGA - Biomass Supply



Biomass Utilization



Development and Operational Issues

- Satisfying community and environmental concerns (not unique to biomass)
- Access to stable fuel supply
- Complexities of fuel supply management with multiple small to medium sources
- Managing fuel deliveries and Inventory
- Highly variable REC & RPS requirements
- Policies that initially encouraged development are not always sustained

Transportation Fuels for the Future



Resolution Goals:

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- Develop alternative/replacement fuels
- Develop adequate infrastructure including conversion facilities, storage facilities, vehicle systems, vehicle refueling facilities, distribution, and refineries

Transportation Fuels for the Future



Implementing the Resolution:

- Established an Advisory Committee and Alternative Fuels Technical Teams
- Teams described current status and drafted recommendations to move biofuels forward
- Public comment on reports (August)
- Workshop to refine recommendations (fall)
- Recommendations to the Governors (Dec)
- WGA has received a Grant from the USDA

Clean and Diversified Energy Initiative



**Please visit the WGA web site for more
information on the:**

- **Clean and Diversified Energy Initiative
and the full task force reports**
- **Future Transportation Fuels**
- **Western Regional Biomass Program**

www.westgov.org

Clean and Diversified Energy Initiative



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