Reality or all Gas? Renewable Energy, Energy Efficiency, and Sustainable Solutions for Biosolids

May 3, 2009

Jim Welp

Why the focus on Energy in biosolids?

- Reduce operating costs through power generation and heat recovery
- Reduce volume/mass of final product
- Reduce carbon footprint
- Revenue from product sales
- Position for renewable energy credits

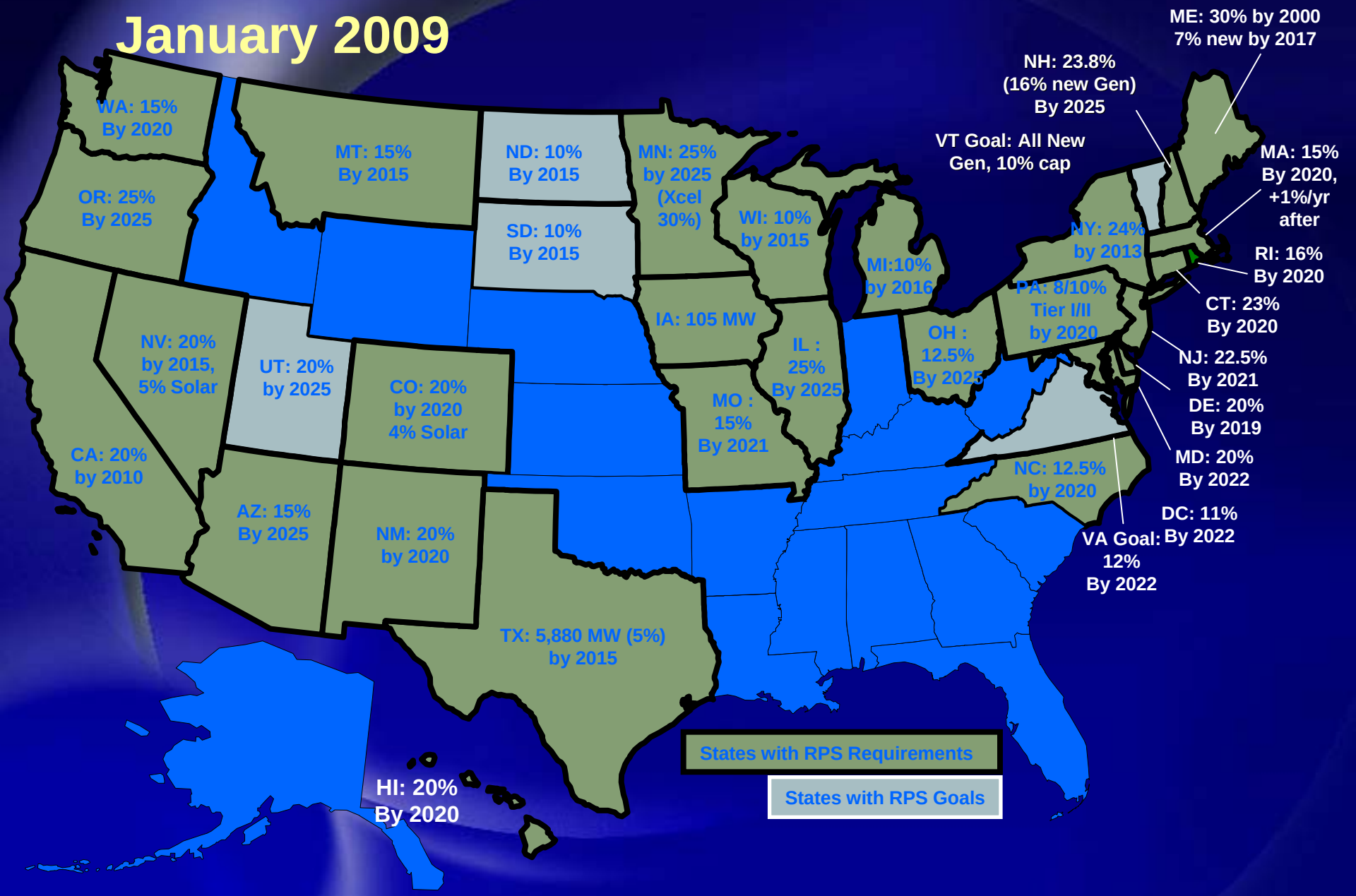
Biosolids to Energy technologies produce renewable energy and help minimize GHG.

Wastewater energy opportunities…

- “Our plant is connected to pipe with energy flowing in every day. My job is to harness that energy and use it wisely”…Jane Watt, Energy and Sustainability Manger, Anytown, USA

….would your utility say this?

State Renewable Portfolio Standards, January 2009



Opening Remarks

- "The 2003 UK Government's Energy White Paper set an aspiration for the UK to reduce carbon emissions by 60% and create a low carbon economy by 2050, accepting the recommendations of the Royal Commission on Environmental Pollution (RCEP) of a need to stabilise greenhouse gas emissions"
  - Carbon Trust