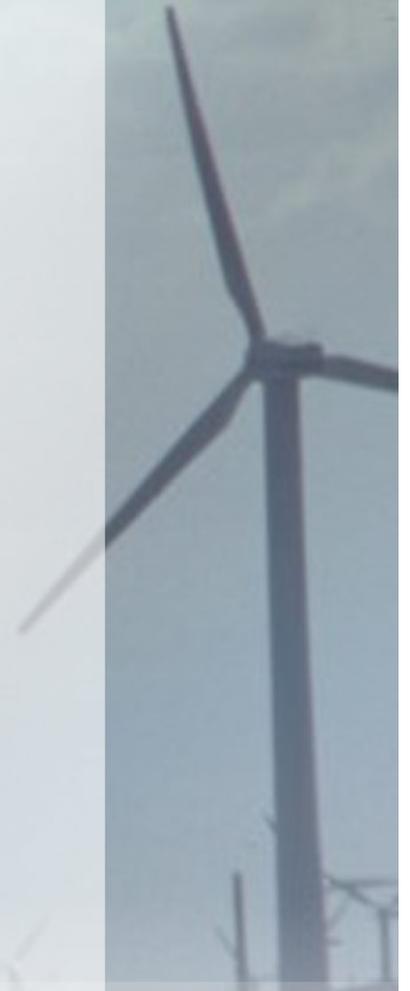
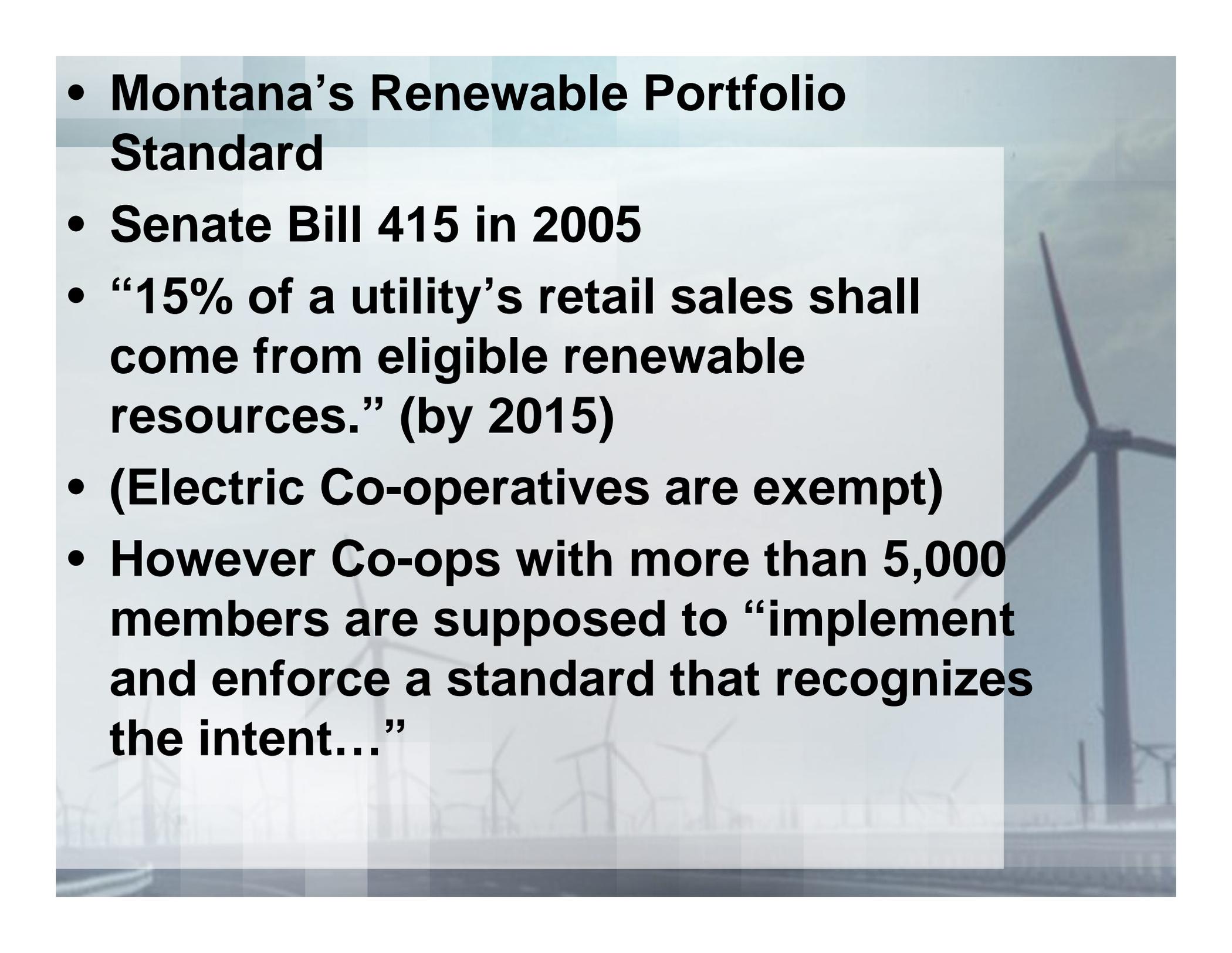


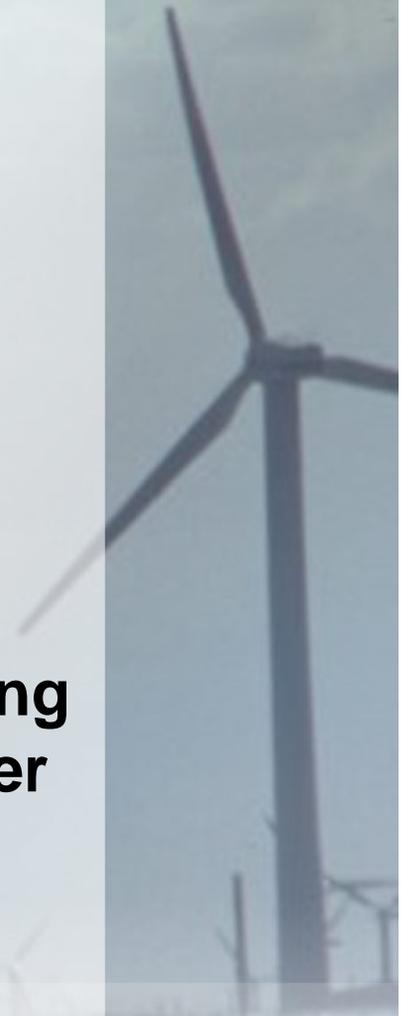
# Montana's First Landfill Gas to Energy Project



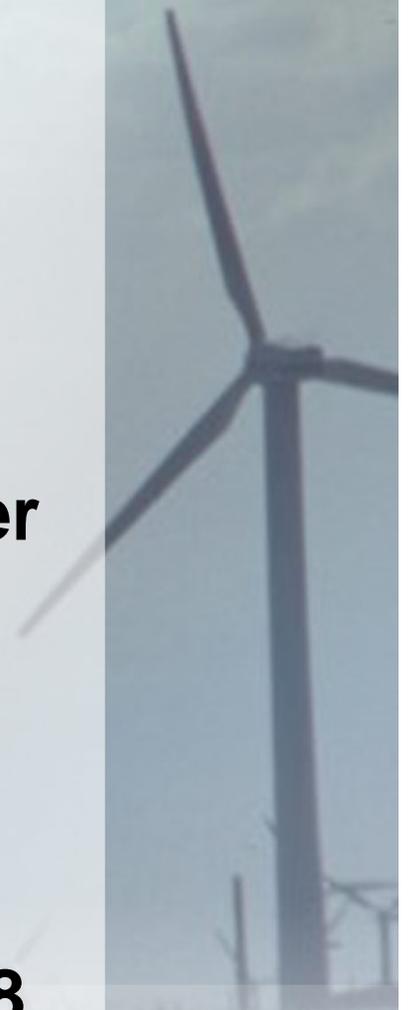
- 
- **Montana's Renewable Portfolio Standard**
  - **Senate Bill 415 in 2005**
  - **“15% of a utility's retail sales shall come from eligible renewable resources.” (by 2015)**
  - **(Electric Co-operatives are exempt)**
  - **However Co-ops with more than 5,000 members are supposed to “implement and enforce a standard that recognizes the intent...”**

# Potential resources in our area?

- Wind-no, all in Eastern Mt.
- Solar- some but not great
- Geothermal-investigating now
- Hydro-some small micro's possible
- Biomass/Cogen-possible
  - Plum Creek-10-17 MW (tabled)
  - Stoltze Land and Lumber-(our board recently opted not to purchase this power due to the cost. We are continuing to work with Stoltze and looking at other options)
  - **Landfill Gas-yes!**



- **Flathead County-5<sup>th</sup> largest in Mt.**
- **Already was collecting and flaring methane for water quality purposes.**
- **County had to go through RFQ process.**
- **Flathead Electric responded in conjunction with SCS engineering...a worldwide firm specializing in LFG power projects.**
- **FEC applied for \$3.5 million in Clean Renewable Energy Bonds (CREBS)-awarded in July of 2008.**
- **Began construction in November of 2008**
- **Start-up and ribbon cutting June 2009!**

































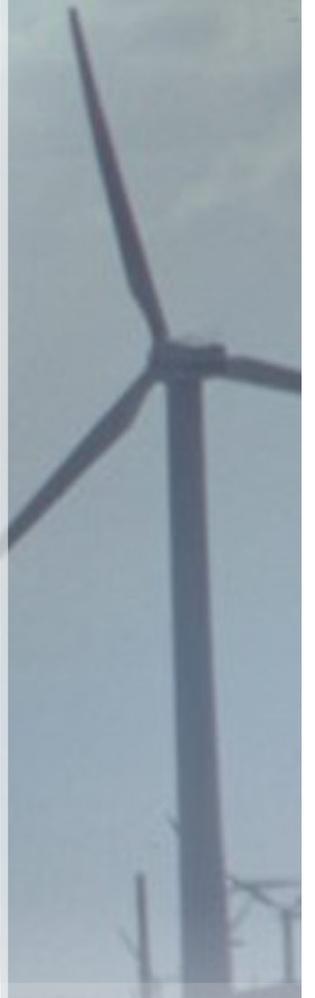












# Dedication was Friday, June 26, 2009

- **Started at about what was expected....600kw.**
- **September 1, 2009 up to 750kw or so. November up to 800.**
- **Enough to power about 800 average homes.**
- **Ramps up to about 1.6 mW in about 8 years...(1,600 homes)**
- **Cost is about 7 cents per kWh...over twice what we pay for BPA power.**

