

COAL GASIFICATION IN MONTANA

Montana Department of Environmental Quality - June 2006

Gasification in Montana

- Air program has had preliminary discussions with one company
- Permitted 780 MW PC plant
- Convert permit to CTL or IGCC for power
- Company still considering options

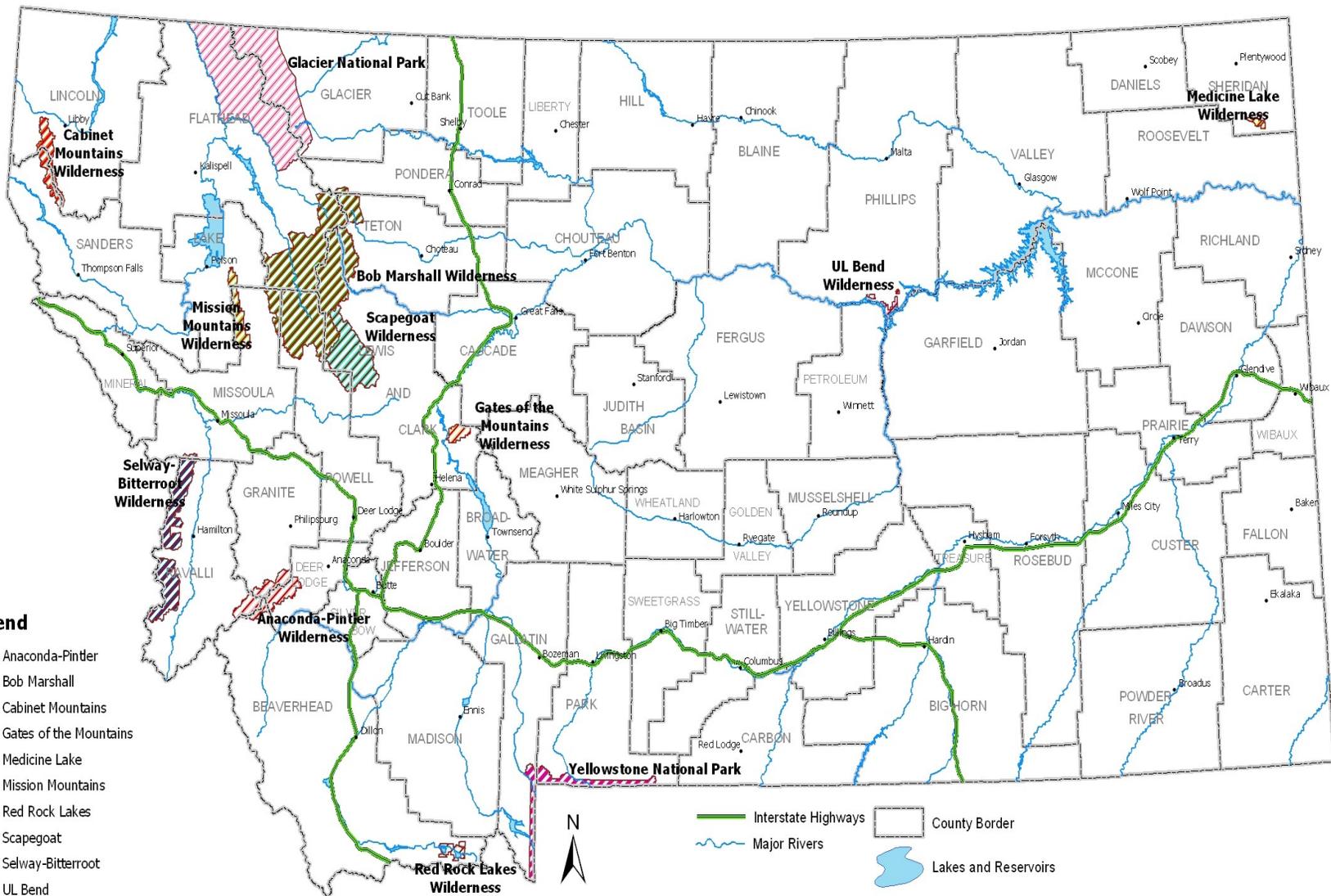
Montana's Permitting Process

- **SIP-Approved state for NSR Program**
 - Similar to EPA's program
- **Minor Source Permitting Program**
 - Mirrors NSR program
- **Same timeframes apply to both programs**
 - 60 days to final decision for non-PSD
 - 75 days to final decision for PSD
 - Based on a complete application submittal
- **Montana Environmental Policy Act applies to all state actions**
 - Similar to NEPA

Issues with Energy Development in Montana

- **BACT**
- **Increment**
 - Class I primary concern
- **AQRVs**
 - visibility in mandatory and non-mandatory Class I areas
- **Public Concerns**
 - Seeking source re-definition
 - Mercury
 - Any proposal should have renewable component
 - Carbon Capture and Sequestration

Montana Mandatory Class 1 Areas



Solutions??

- Gasification may provide the best opportunity to deal with many of these issues
- Companies should meet early and often with DEQ

Contact Information

- **David Klemp**
Air Permitting Program Manager
1520 E. 6th Ave
Helena, MT 59620
(406)444-0286
dklemp@mt.gov