

# Geothermal in Montana



## Where Are We Today?

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# Geothermal in Montana



- Montana partners with US Dept of Energy



- Launch [www.geothermal.mt.gov](http://www.geothermal.mt.gov)

# Geothermal in Montana

- MT Geothermal Working Group
  - Established 2005
  - Direct Use Sub Group
  - Generation Sub Group



# Geothermal in Montana



- 4 areas of interest
  - Large Scale Conventional Generation
    - >20 mw
  - Distributed or Self Generation
    - 250 kw to 3 mw
  - Low Temperature Development
    - Oil and Gas
    - KGRAs
  - Direct Uses

# Geothermal in Montana

- Utility Scale Generation
  - Conventional
  - EGS
    - Hot Dry Rock
    - Recompleted oil and gas wells



# Geothermal in Montana

- Oil and Gas Fields
  - Co-Produced fluids
    - Electricity used on-site
    - PPAs for RPS requirements



# Geothermal in Montana

- Direct Uses
  - Spa and Resort Development
  - Greenhouses
  - Aquaculture
  - District Heating
  - Ground Source Heat Pumps



# Geothermal in Montana

- What's Next?
  - Data base
  - Feasibility Studies
  - Demonstration Sites
  - Assist Developers
  - Constraints

