

Nevada Geothermal 2006 Statistics

A total of ~300 MW nameplate capacity installed Geothermal Base Load

14 Geothermal Plants are delivering energy to Nevada

1.3 million MWH of electric generation from NV Geothermal Plants

Delivered Energy to Nevada increased by 9% between 2005 – 2006

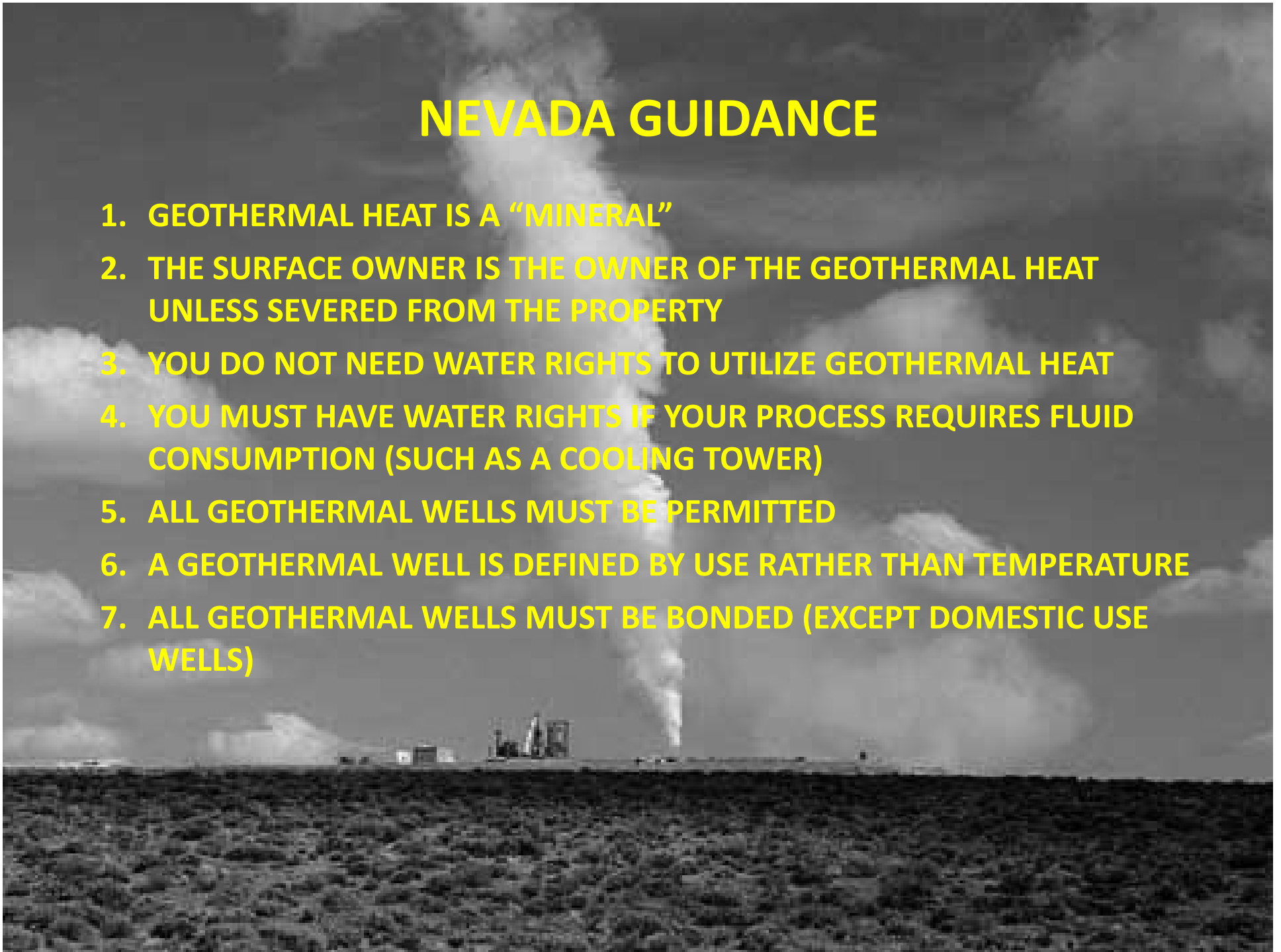
There are approved contracts for ~73 MW of new power to be delivered by 2010

There is currently a new RFP out calling for new renewable resources beginning in 2010

Of note: the new RFP includes turnkey and transfer of ownership options to the utilities

NEVADA GUIDANCE

1. GEOTHERMAL HEAT IS A “MINERAL”
2. THE SURFACE OWNER IS THE OWNER OF THE GEOTHERMAL HEAT UNLESS SEVERED FROM THE PROPERTY
3. YOU DO NOT NEED WATER RIGHTS TO UTILIZE GEOTHERMAL HEAT
4. YOU MUST HAVE WATER RIGHTS IF YOUR PROCESS REQUIRES FLUID CONSUMPTION (SUCH AS A COOLING TOWER)
5. ALL GEOTHERMAL WELLS MUST BE PERMITTED
6. A GEOTHERMAL WELL IS DEFINED BY USE RATHER THAN TEMPERATURE
7. ALL GEOTHERMAL WELLS MUST BE BONDED (EXCEPT DOMESTIC USE WELLS)



Nevada State Office of Energy (NSOE)

- Information on Policy and Incentives

energy.state.nv.us

Nevada Division of Minerals (NDOM)

- Registering as a Geothermal Operator in the State
- Bonding
- Drill Permits
- Production and Well Maintenance Reporting

minerals.state.nv.us





Nevada Division of Environmental Protection (NDEP)

Water Pollution Control

- Discharge permits

Underground Injection Control

- Injection Permits, Protection of Water and Well Integrity
- Water Quality Monitoring

Bureau of Air Pollution Control

- Surface Area Disturbance Permits
- Facility Air Quality Permits

Chemical Accident Prevention Program

- Construction Permit

ndep.nv.gov



Nevada Division of Water Resource (DWR)

- Temporary Permits for Water use in Drilling
- Water Appropriations for Consumptive Facilities

water.nv.gov

Public Utilities Commission of Nevada (PUCN)

- Utilities Environmental Protection Act Permit
- Permits to Construct Generation Facilities

pucweb1.state.nv.us/PUCN/PUCHome.aspx

State Fire Marshall

- Hazard Materials Permits

fire.state.nv.us/hazmat.shtml

Division of Occupational Health and Safety

- Pressure Vessel Inspections

dirweb.state.nv.us/OSHA/osha.htm

County and Local Agencies

- Washoe and Clark Air Quality Permits for Drilling and Construction
- Washoe Administrative Permit for Drilling
- Special Use Permits
- Building Permits

<http://www.nvnaco.org/>



