

State Energy Facility Siting

Presentation to the Land Conservation & Development
Commission

July 22, 2016

Todd Cornett, Assistant Director
Oregon Department of Energy

Oregon's Energy Facility Siting Division

Review and oversight of most large-scale energy-generating facilities and infrastructure in Oregon.



State Jurisdictional Energy Facilities

Definition of “Energy Facility” – ORS 469.300(11)

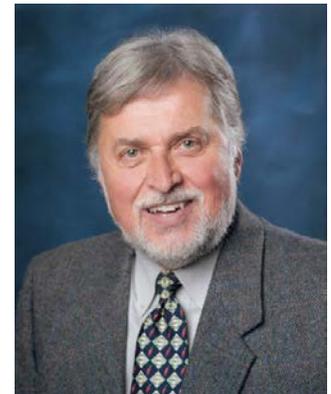
Facilities

- Electrical Power Generating Plants (natural gas, biomass, coal, nuclear and solar thermal)
- Wind
- Solar
- Geothermal
- High Voltage Transmission Lines
- Surface Facility Related to an Underground Natural Gas Storage Reservoir
- Nuclear Installation (other than nuclear power plants)
- Pipelines
- Plants that Convert Biomass to a Gas, Liquid, or Solid
- Synthetic Fuel Plant
- Liquefied Natural Gas Storage Facility
- Uranium Mill or Mill Tailings Disposal Facility



Energy Facility Siting Council (EFSC)

- 7 Member Council
- Appointed by the Governor & Confirmed by the Senate
- Geographic representation and professional diversity
- Decision makers on all applications and rulemakings



OREGON
DEPARTMENT OF
ENERGY

Consolidated Review



Carty Generating Station

- Incorporates all applicable state agency and local government requirements
 - Reimbursement
- Eliminates duplication, different timelines, varied decisions, and different appeal paths
- Easier for public participation

Standards Based Review

- Applicable standards
 - General
 - Specific
 - Other Agency
- Applicant's burden of proof
- EFSC is limited to reviewing what is proposed by applicant



Boardman Coal Plant

14 General Standards

- General Standard of Review
- Organizational Expertise
- Structural Standard
- Soil Protection
- **Land Use**
- Protected Areas
- Retirement and Financial Assurance
- Fish and Wildlife Habitat
- Threatened and Endangered Species
- Scenic Resources
- Historic, Cultural and Archaeological Resources
- Recreation
- Public Services
- Waste Minimization



Land Use Standard



- Local Land Use Requirement
 - Path A – compliance review conducted by local jurisdiction
 - Path B – compliance review conducted EFSC
- LCDC Rules & Statutes
 - Wind
 - Solar PV
 - Sagegrouse

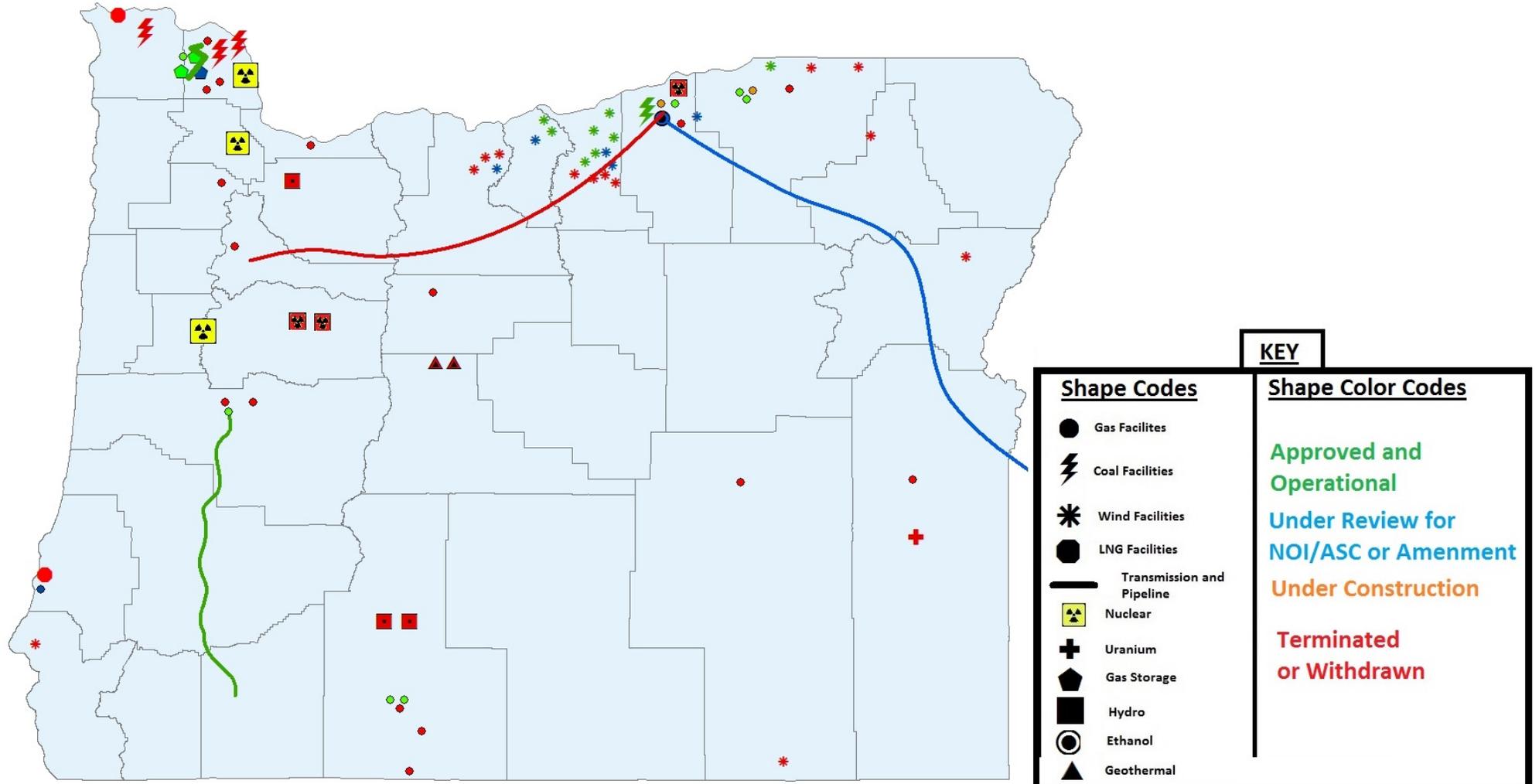


Recent Projects

- Natural gas power plants
- Wind facilities
- Transmission lines
- Surface facilities related to underground natural gas storage
- Ethanol Production facility



Facility Locations



Project Influences



- Access to the Electrical Grid
- Tax Incentives
- Renewable Portfolio Standards
- Technology Advances & Costs
- Price of Natural Gas



OREGON
DEPARTMENT OF
ENERGY

Future Potential Projects

- Wind
- Solar PV
- Gas Plants
- Transmission
- Geothermal



Questions???

