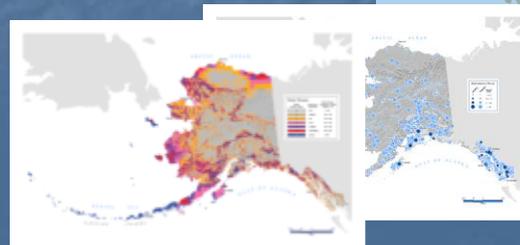
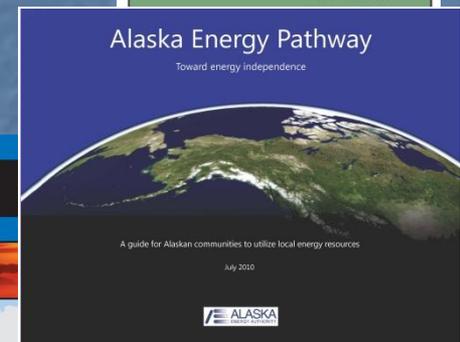
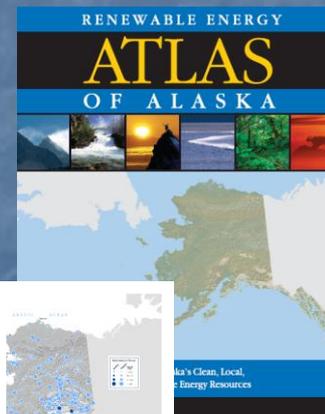
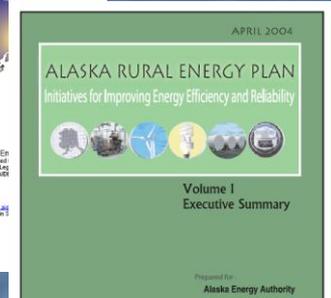
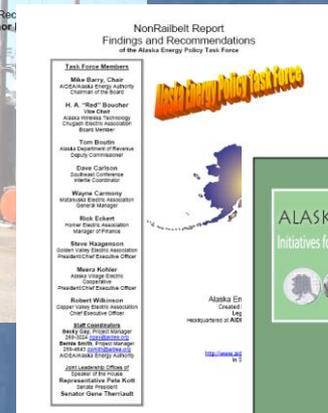
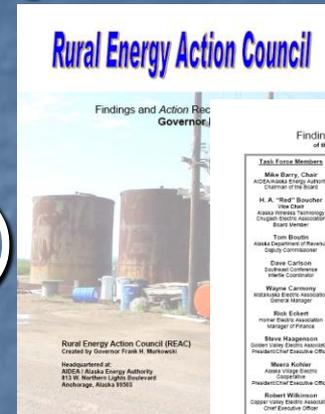


Regional Energy Planning Overview



Statewide Energy Planning

- Alaska Energy Pathway
- Rural Energy Plan (2002)
- Energy Policy Task Force
- Rural Energy Action Council
- RE Atlas of Alaska
- Alaska Power Statistics
- Alaska Energy Inventory



Regional Planning Status

- Ahtna – Beginning discussions
- Aleut – Have a regional team
- Bering Straits – Talking with Kawerak
- Bristol Bay – BBNA proposal; L&PB plan
- Calista - Nuvista Light and Power
- Doyon – TCC leading-plan
- NANA- regional plan by NW Arctic Borough
- Railbelt & Southeast – plans led by AEA

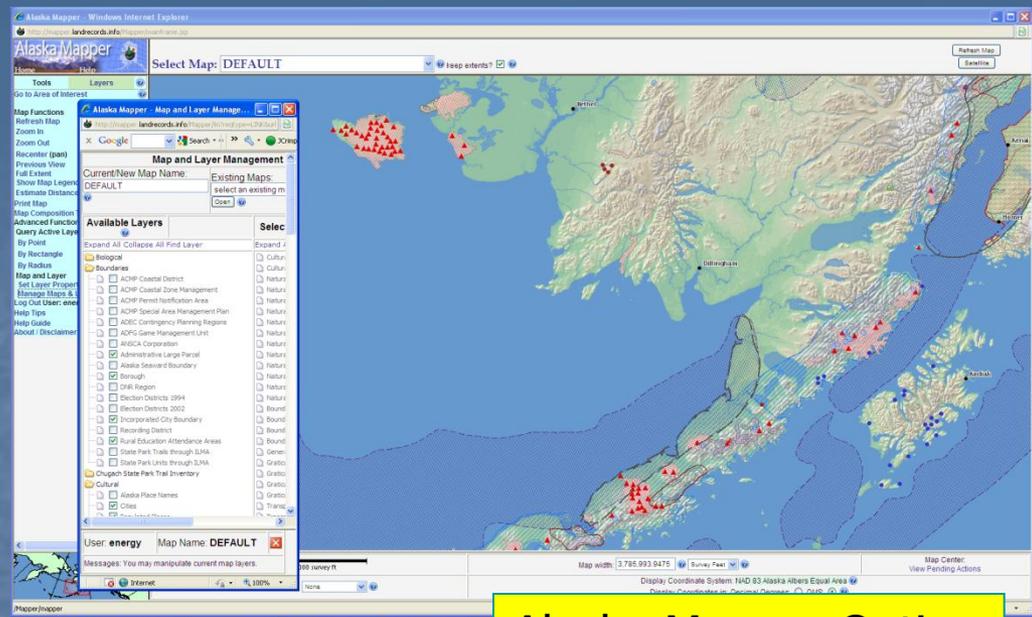
Rural Regional Planning Approach

- Regional Steering Committee Should Lead Efforts
- Focus on Construction Projects
- Coordinated Agency Funding and Technical Support
- Public Involvement and Transparency
- Use Common Assumptions and Data Sources
- Measure Performance and Progress Toward Plan Objectives
- Coordination and consolidation of buying power
- Infrastructure Attention Needed

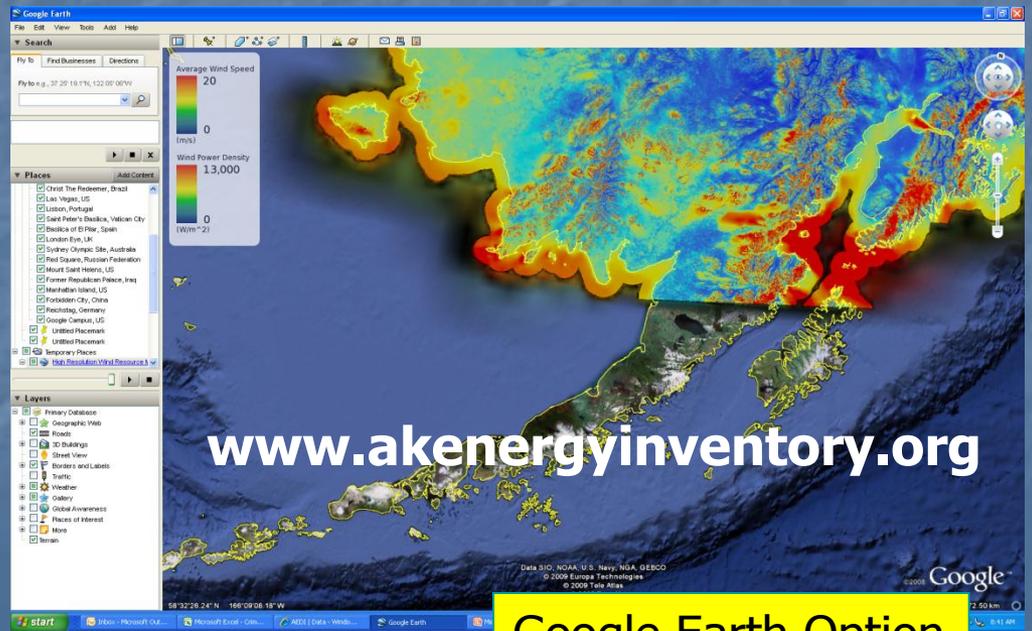
Alaska Energy Inventory

-  biomass
 -  coal & peat
 -  geothermal
 -  infrastructure
 -  oil & gas
 -  power systems
 -  renewable energy general
 -  wind
- High-resolution Wind Resource Maps of Alaska
[Google Earth](#) [AK Mapper](#) [Shapefiles](#) [Metadata](#)
- Gridded Wind Parameters of Alaska
[Google Earth](#) [AK Mapper](#) [Shapefiles](#) [Metadata](#)
- High-resolution Wind Resource Maps of Southeast Alaska
[Google Earth](#) [AK Mapper](#) [Shapefiles](#) [Metadata](#)
- Gridded Wind Parameters of Southeast Alaska
[Google Earth](#) [AK Mapper](#) [Shapefiles](#) [Metadata](#)

GIS Download Option



Alaska Mapper Option



www.akenergyinventory.org

Google Earth Option

Future datasets:

- Alaska Energy Statistics
- Energy conservation measures
- Renewable Energy Fund project performance

State Programs that Address Energy Cost

| Direct Aid | |
|---|----------------------|
| Power Cost Equalization | AEA |
| Low Income Home Energy Assistance Program — LIHEAP | DHSS |
| Energy Efficiency Improvements | |
| Alaska Energy Efficiency Revolving Loan Fund Program | AHFC |
| Commercial Energy Audit Program | AEA |
| Energy Efficiency Block Grants | AEA |
| Energy Efficiency Interest Rate Reduction Program | AHFC |
| Alaska Home Energy Rebate Program | AHFC |
| Second Mortgage Program for Energy Conservation | AHFC |
| Village Energy Efficiency Program | AEA |
| Weatherization Program | AHFC |
| Infrastructure Development | |
| Alternative Energy & Energy Effic Development Prog | AEA |
| Bulk Fuel Construction Program | AEA, Den Comm |
| Emerging Energy Technology Fund | AEA |
| Renewable Energy Fund | AEA |
| Rural Power System Upgrades | AEA, Den Comm |

Thank you.

Alaska Energy Authority
813 West Northern Lights Boulevard
Anchorage, Alaska 99503

www.akenergyauthority.org