

Wyoming Infrastructure Authority

Tetra Tech Presentation
May 10, 2011
Cheyenne, Wyoming

Tetra Tech and Gateway West

- Tetra Tech has been closely involved with Gateway West since 2007
- Unique situation on this project
 - Supporting Rocky Mountain Power and Idaho Power in siting, routing, field surveys, and other permits such as NPDES, 404, and state and local permitting
 - Supporting BLM as the third party EIS contractor and as support staff for other consultations
- Tetra Tech understands the challenges faced by both developers and agencies in managing a multi-jurisdictional, complex linear project

Tetra Tech Overview

- Record of success supporting the energy industry for 40+ years
- Our component of the company has evolved from EBASCO - Foster Wheeler - Tetra Tech
- Supported development of more than 900 energy projects
 - 100 transmission lines
 - 300 renewable electric generating facilities
 - 200 power generating facilities
 - 300 natural gas pipelines
- Executed \$25B in engineering and construction services, including \$5B in power plant construction
- Permitted, designed and/or constructed 13,000+ MW of power
- Industry-leading safety performance
- ISO 14001 Certification

#1 rankings



Water



**Water Supply/
Treatment**



**Treatment/
Desalination**



Wind Generation



**Environ.
Mgmt.**



#8
**Transmission
& Distribution**



- #5 Top 200 Environmental Firms
- #3 Engineering Design
- #3 Consulting/Studies
- #3 Solid Waste
- #4 Hazardous Waste
- #20 Top 100 Green Design Firms



- #8 Top 500 Design Firms
- #4 Dams/Reservoirs
- #4 Solar Generation
- #9 Sewer/Wastewater
- #10 General Building
- #16 International Markets

Energy Markets Supported by Tetra Tech

- **Renewable Generation**
 - **Wind**
 - Provide full-service environmental, engineering & construction capabilities to 20 of the top 25 wind project developers/owners in US
 - #1 provider of front-end services to the U.S. wind industry
 - Have worked on over 300 wind projects totaling more than 20,000 MW including Wyoming, Colorado, Washington, Oregon, Idaho, Alaska
 - **Solar**
 - Supporting development on over 25 sites in 7 states—almost 500,000 acres
 - Focus in Southwest—CA, NV, AZ, NM, TX, but also in NJ and MD and even Ontario, Canada
 - **Biomass, Geothermal, Hydroelectric**
- **Conventional Generation**
- **Transmission**
 - Transmission Siting and Permitting Experience in 35 States including AK, CA, CO, ID, NM, NV, OR, WA, WY
 - We have supported development and construction of lines up to 500kV, AC and DC, and up to 1,200 miles long

Tetra Tech Transmission Support Services

- **Critical Issues Analysis** for newly proposed lines
- **Siting and Routing**—GIS, aerial photos, maps, and field
- **All field surveys** needed to support permitting
- **NEPA** compliance documents
- **Federal permitting**—CWA 404, 401, 402, support for Section 7 ESA and Section 106 NHPA consultations
- **State permitting**—like WIA
- **Local permitting**—conditional use permits
- **Support for preparation of EPC bid documents**
- **Environmental compliance support during construction**

Tetra Tech Transmission Experience

