

Options once you've plugged  
the holes.

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# Smart Solar

- Chose energy efficient appliances
- Weatherize for the hot, cold, & windy
- Use appropriate landscaping
- Match size with use
- Think about convenience and appearance
- Do not get caught in a rigid mindset

**Design with Solar in Mind**

# Two Categories

## NEW STUFF

Minimize additional costs  
Longer term outlook  
Look at what creates energy costs

## REDO

Be mindful of replacements  
Realize maintenance as a future cost

# Leadership in Energy and Environmental Design-LEED

- Green Building Rating System
  - Whole building issues
  - Indoor air quality
  - Energy efficiency
  - Recycling
  - Maintenance
  - Systems upgrades

# Building Stuff

- Sky lighting
- Building orientation
- Materials and strategies to reduce heat gain and loss
- Ventilation
- Waste reduction



# Resources

- Natural resources
- Intellectual resources and education
- Tribal money & Tribal priorities
- Third-party financing opportunities
- Competitive technologies
- Consultants and brokers
- Business ownership issues



# Natural Energy Resources

## Fossil & Nuclear

- NM 4<sup>th</sup> largest coal reserves in USA
- NM #2 in natural gas production in USA
- Significant Uranium reserves
- Abundant oil reserves

## Solar and Biomass

- Southwest best sunlight in the USA
- NM 5<sup>th</sup> largest wind generation in the USA
- Biomass resources  
Abundant (excluding Santa Fe)

# Resources

- Solar industry
  - Check yellow pages
- NMSEA
- Non-profits
- Tribal Colleges
- Dreaded Consultants
- Federal, state and Tribal organizations
- CERT
- NM Energy, Minerals, & Natural Resources
- SNL and NREL
- DOE and DOI

# Resources- Your Utility

- PNM is primary energy provider in Albuquerque. PNM.com a prime source for educational material on solar electric and wind technologies, and general energy education. Try these topics:
  - Solar PV
  - Free DVD
  - PNM Sky Blue
  - Weatherization Tips and Videos- English and Espanol

# Plug the Holes

- First—realize that energy cost continue to rise and may become dominant in any development
- Second—get the information you need from the people who know
- Third—do the most cost-effective things first, do not be hurried but maintain a steady involvement
- Fourth—get help (The best is to build intrinsic infrastructure)
- Last and first—get going; energy costs are not getting any cheaper