

Barriers to DER / CHP / Hybrids

Lack of Knowledge

Industry Outreach & Educate

Grid and consumer Economics

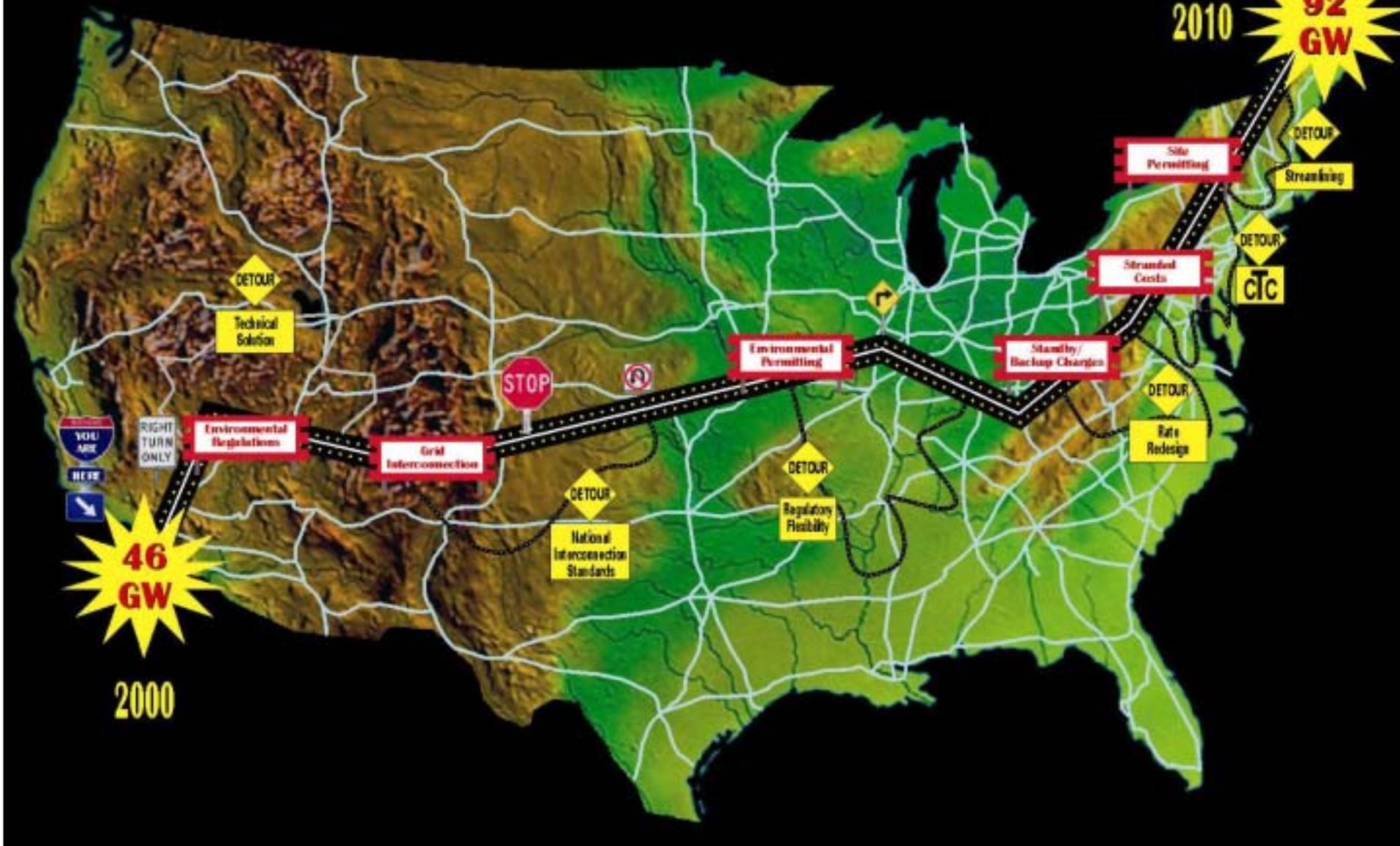
Win – Win - Win

- **Interconnection Challenges**
- **Punitive Rates, tariffs for utility services**
- **Differal Rates, Economic Value not Modeled**
- **Inappropriate tax treatment**
- **Unfulfilled technological promise**
- **Failure to credit emission savings**
- **No common standard in permitting**
- **Broad Institutional inertia, lack of knowledge**
- **FUNDS !!!!**

Leg.Policy and Reg.Practice to provide...

- **National interconnection standards**
 - **Reasonable utility rates and services**
 - **Tax credits and adjusted depreciation**
 - **Funding of energy technology R,D & D**
 - **Cost share critical ... Leverage !**
 - **Support of output-based air quality standards and Streamline permitting**
 - **Education and outreach to Market influencers & potential users.**
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CHP Challenge Initiative Goal: The Path to 92 GW



Solar Turbines

A Caterpillar Company



The Last Word

"I improvise.
Adapt.
Overcome."