

DEPARTMENT OF THE INTERIOR

# Planning for Success

National Tribal Energy Summit  
September 24-26, 2019



DIVISION OF ENERGY & MINERAL DEVELOPMENT



# ENERGY DEVELOPMENT MOTIVATIONS

- **Energy Security and Reliability**
- **Energy Independence**
- **Environmental Benefits**
- **Economic Impacts**
  - Reduce costs for local users
  - Revenue and jobs through resource development
  - Energy for new development

**One project often cannot address all of these topics**

**Must prioritize goals and assess opportunities that align with top goal(s).**

# COMPREHENSIVE PLANNING

Do you have a comprehensive plan?

Are you using it?

How does energy fit in?

**“If you fail to plan,  
you plan to fail.”**

- Benjamin Franklin





# PROACTIVE PLANNING MATTERS



**Creating or controlling the situation by CAUSING something to happen rather than RESPONDING to it.**

# PLANNING AND ECONOMIC SUCCESS



**Be in charge  
of own  
destination**



**Anticipate  
changes in  
economic  
conditions**



**Streamline  
development**



# HOW TO BE PROACTIVE



Plan to Plan



Structure and Schedule the Process



Gather and Analyze Data



Identify Problems, Issues, and Concerns



Develop a Vision



Develop a plan, goals, and objectives



Generate and Evaluate Plan Options



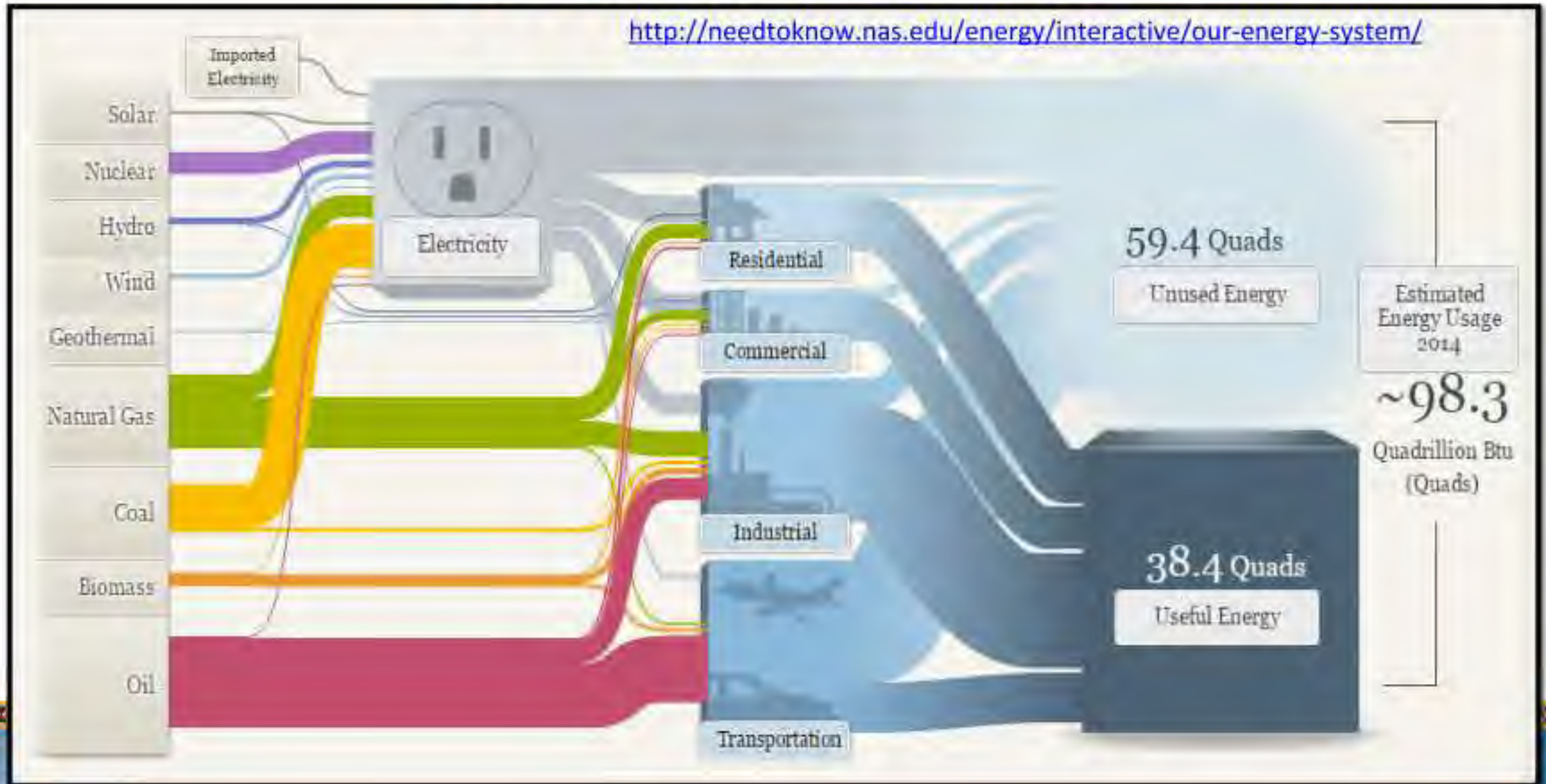
Adopt and Implement the Plan



Monitor

# U.S. ENERGY SYSTEM

<http://needtoknow.nas.edu/energy/interactive/our-energy-system/>





# ENERGY DEVELOPMENT CAPACITY



Source: Midwest Tribal Energy Resources Association (MTERA)



# TRIBAL UTILITY AUTHORITY FEASIBILITY WORK

q Analyze Energy Infrastructure

## Existing Infrastructure



Three of the largest electric infrastructure providers in the world have access to wholesale markets

## Current Consumption Electric



Peak consumption is 224 MW/year

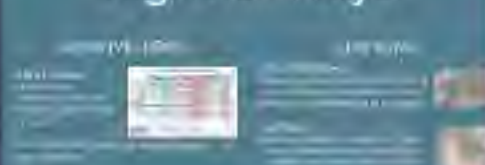
## Cost-of-service



The tribe pays for the electricity, the tribe pays for the infrastructure, the tribe pays for the cost of service

q Review Legal & Regulatory Issues

## Right-of-ways



It has significant leverage over (M) as a consequence of the special ROW

## State and Tribal Laws



Based on the current state and tribal laws, but legal counsel is needed

q Asses Business Entity Options

## Organizational options



## Org. Chart



Many positions exist today, or can be filled by contract. Exception: GM and Meter Reader

q Financial Analysis



The Tribal Energy Development Capacity (TEDC) Grant Program has funded nearly 20 TUA projects in FY 2015 & FY 2016. The below information is a case study from a FY 2015 TEDC Project.

# ENERGY PLANNING

- **Define short term and long term goals**
  - Work with tribal leadership to assess priorities and articulate vision for their energy future
- **Know your current energy usage**
  - Residential, commercial, industrial, transportation
- **Evaluate available energy resources**
  - Conventional and renewable
- **Inventory existing infrastructure and generation assets**
  - Transmission & Distribution
  - Current Generation
- **Utility assessment**
  - Current relationship
  - Interconnection and net-metering policies
  - Micro-grid; willingness to collaborate



## Contact Information for the Panel

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