

Energy Policy Strategy

Tampa Bay Regional Planning Council

February 13, 2012

Agenda

- ▶ EDA Grant Overview
- ▶ Analysis and Scope
- ▶ Energy Issues
- ▶ Intra-Agency Engagement
- ▶ RPC Collaboration



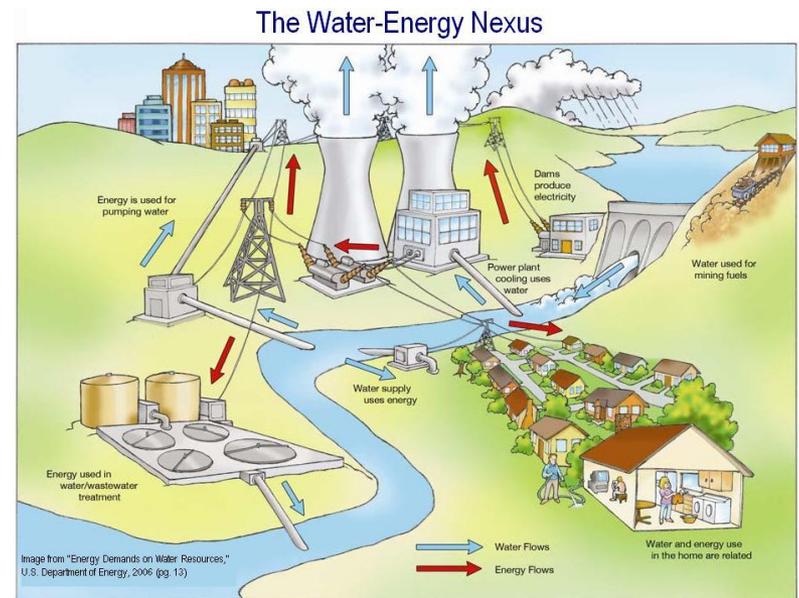
Grant Overview

- ▶ Timeframe
- ▶ Scope
 - Preliminary Survey and Analysis
 - Detailed Analysis
 - Energy Summits
 - Analysis of Options
 - Strategy Development
 - Strategy Coordination
- ▶ Deliverables
- ▶ RPC Involvement and Structure



Preliminary Survey and Analysis

- ▶ Identify Major Stakeholders by Energy Usage
- ▶ Survey Citizens about Energy Usage
- ▶ Identify Current and Planned Alternative Energy
- ▶ Logistics of Distributive Power



Detailed Analysis

- ▶ Expand upon Preliminary Survey and Analysis
- ▶ Model
 - Price Shocks
 - Alternative Energy Uses and Installations
 - Incentive Programs
- ▶ Examine Impacts using Modeling Software
 - REMI
 - Implan
 - CFAPT
- ▶ Datamine Other Data Sources
 - QCEW
 - BEA
 - Disaster Resiliency Studies
 - PDRP



Energy Summits

- ▶ Multiple Energy Summits in Every Region
- ▶ Vulnerabilities to Energy
 - Security
 - Policies
 - Disaster
 - External Factors
- ▶ Reach Consensus for Strategies and Implementation on Future at Each Summit
- ▶ Results and Information Collected and Analyzed

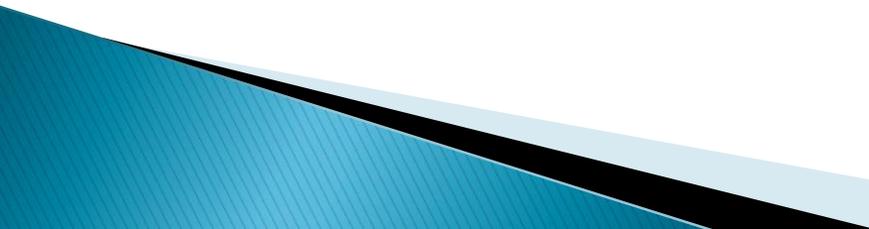


Analysis of Options

- ▶ Data from each Summit will be Collected, Analyzed, and Redistributed
- ▶ Model Suggestions in REMI
- ▶ Report Results
- ▶ Options may differ by Region(s)
- ▶ Options might include Solar Energy, PV Cells, Net Metering, Distributive Power, Solar Thermal, Day Lighting, Passive Solar, Wind Power, Biofuels, etc.



Strategy Development

- ▶ Regional and State Strategies will be Developed Based Upon Previous Information
 - ▶ Draft Strategies will be Presented and Discussed before Final Recommendation
 - ▶ Goals
 - Job Creation
 - Job Retention
 - Business Disruption
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Statewide Coordination

- ▶ Coordinate with

- DEO
- State Energy Office
- Enterprise Florida



- ▶ Discuss with

- PSC
- Florida Reliability Coordinating Council

- ▶ Find Innovation Solutions that Synergize with State and Local Efforts

Deliverables

- ▶ Preliminary Analysis and Survey Reports
- ▶ Detailed Analysis Reports
- ▶ Energy Summit Reports and Solutions
- ▶ Strategies and Implementations
- ▶ Final Report



Energy Issues

- ▶ Energy Spikes
 - Variable cost of production to industry
 - Variable cost to households/consumers
 - ▶ Energy Disasters
 - ▶ Energy Shortages
 - ▶ International Issues / Defense spending
 - ▶ Dependence
 - ▶ Health
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Analysis

- ▶ Energy Price Spikes
 - Diversity smoothes out shocks
- ▶ Alternative Energy Production
 - Policy considerations to model
- ▶ Phasing in of alternatives and Renewables



Intra-Agency Involvement

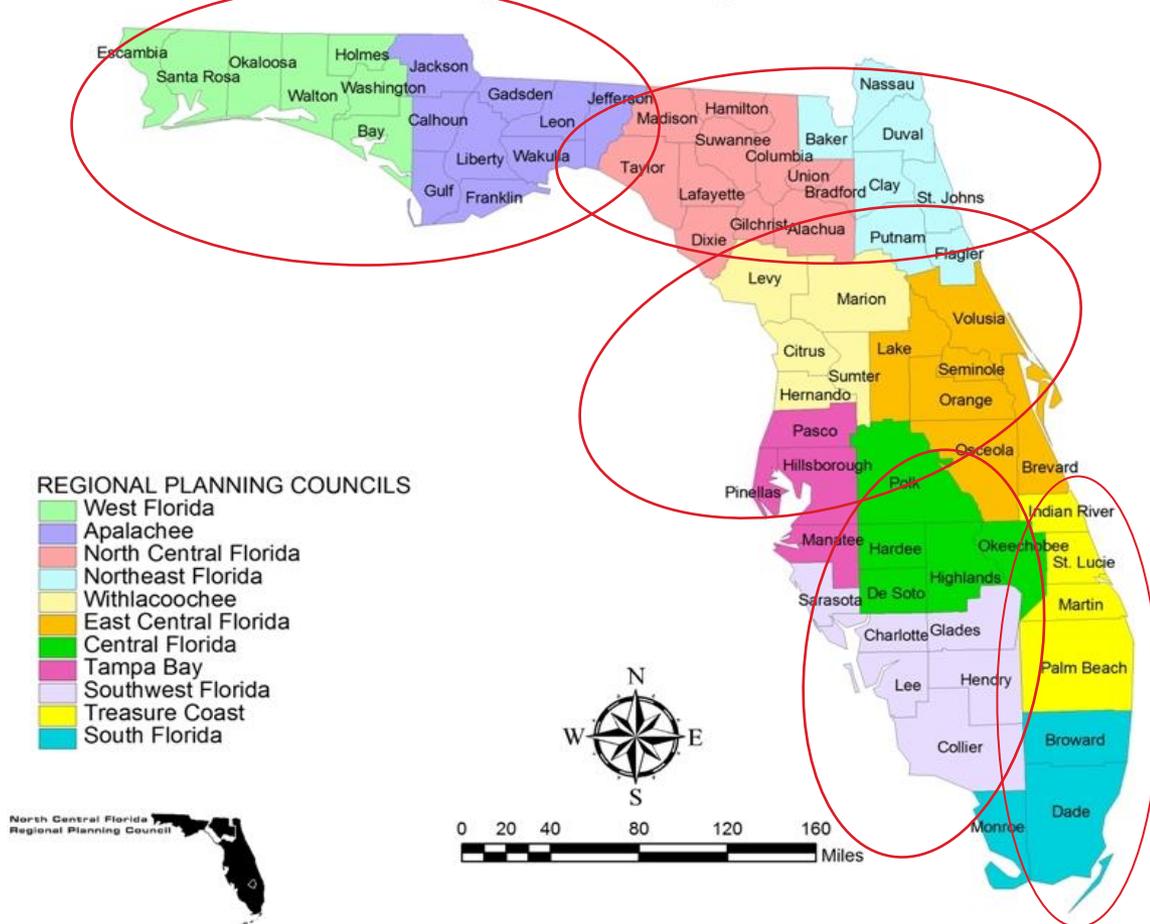
- ▶ Department of Economic Opportunity
- ▶ FL Chamber
- ▶ Florida Energy Office
- ▶ Energy/Utilities within Florida



RPC Colloboration

- ▶ WF,A
- ▶ NE, NC
- ▶ W, TB, EF
- ▶ C, SW
- ▶ TC, S

Florida Regional Planning Councils



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