FESC Natural Gas Roundtable

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Topics Discussed

• NG Infrastructure Overview
  – Supply
  – How NG Enters Florida

• End Use markets
  – Transportation Applications
  – Residential, Commercial and Industrial Applications
Problem statement

• How do we leverage the low cost of NG across the broader Florida Energy Economy
  – Transportation Sector Expansion
    • CNG
    • LNG
    • Rail
    • Marine
  – Paring Renewables with NG
    • Solar with NG Tankless
    • Solar Electric with NG Fueled DG Technologies
    • Bio-Gas/Landfill Gas integration into NG Infrastructure
Benefits

• Diversity which helps with Reliability
• Job creation and Increased Manufacturing (lower cost per unit produced)
• Emissions Reductions
• Domestic Resource
• Illustrates Florida Leadership on Energy
• Integration into College Engineering programs
• Lower Transportation Costs
Possible Research Approaches

• Technical Feasibility Analysis
• Demonstration Projects
• Cost Analysis for each system
• Economic & Cost Effectiveness Analysis
• Performance Metrics