



# CHP Survey Results

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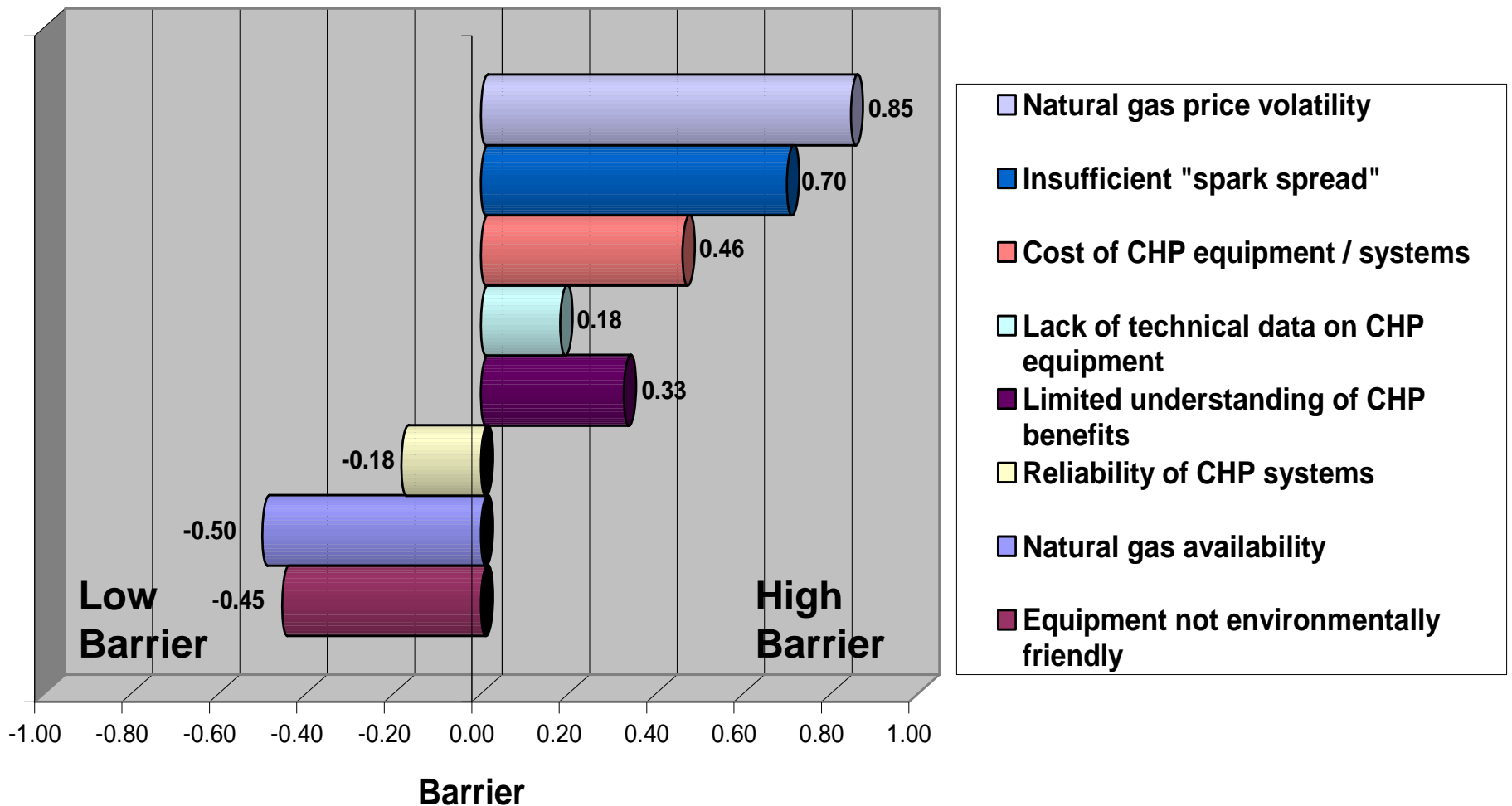
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# CHP Barriers

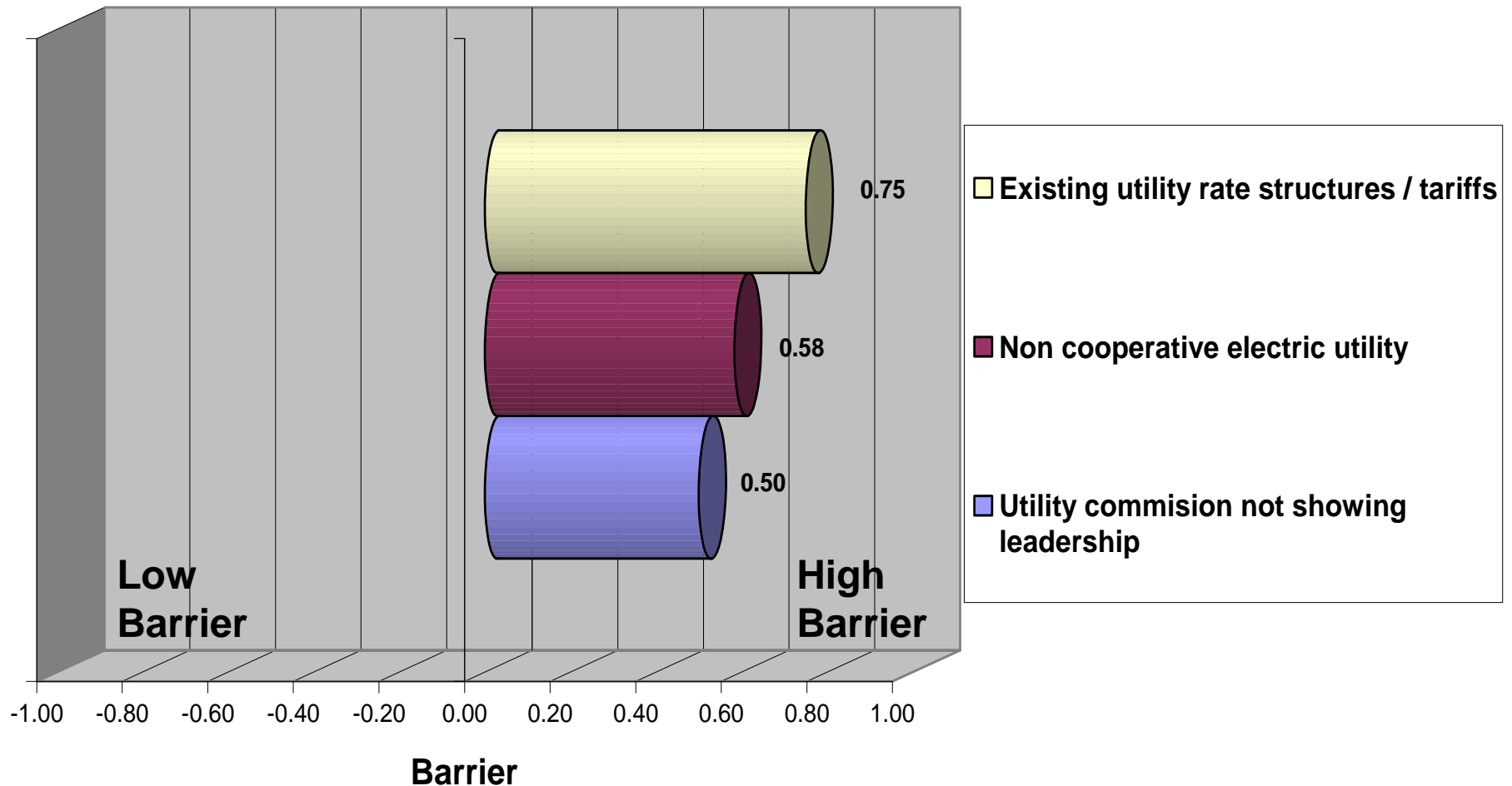


# Market and Technology Barriers



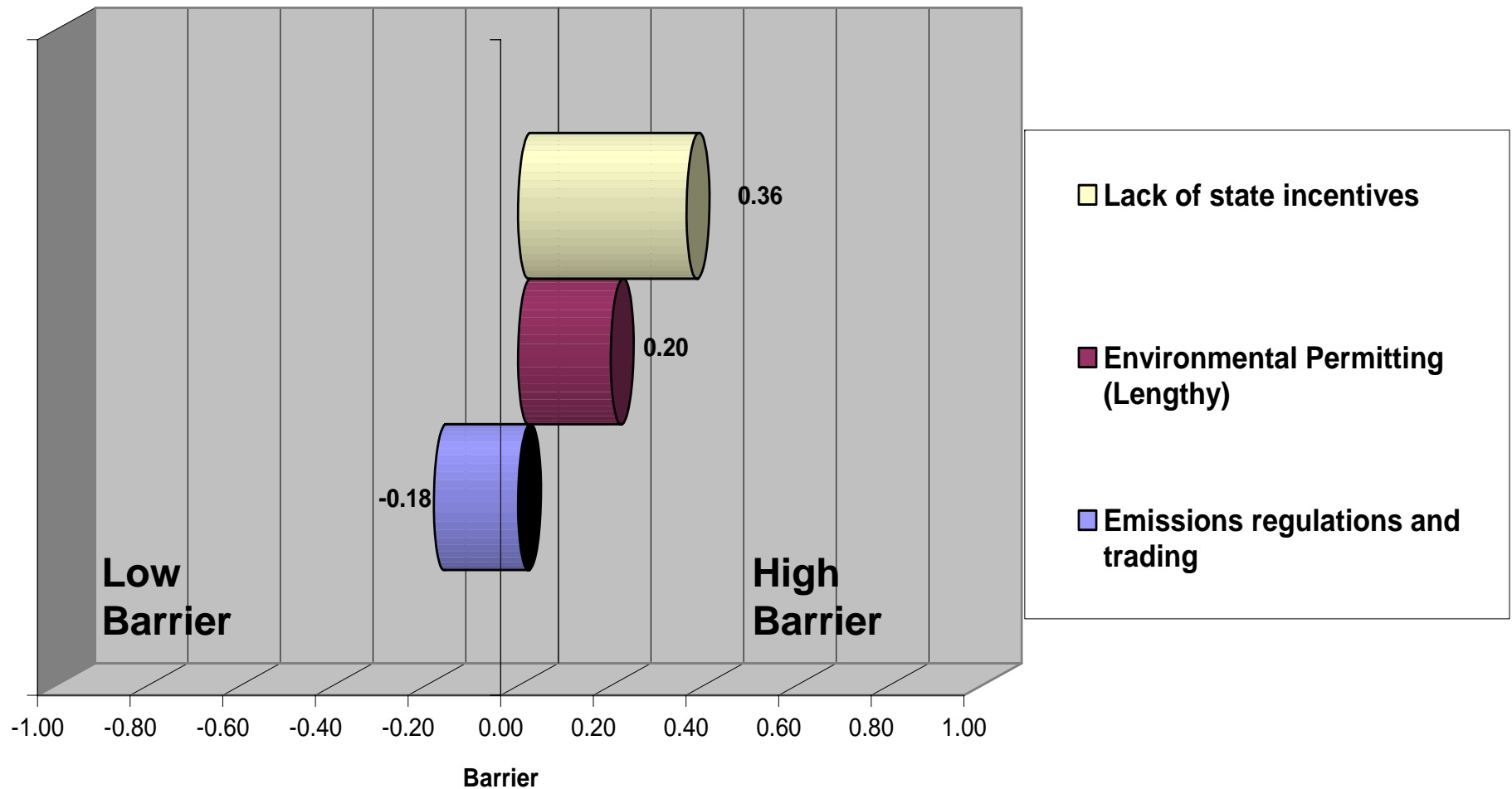


# Utility Interconnection and Regulatory



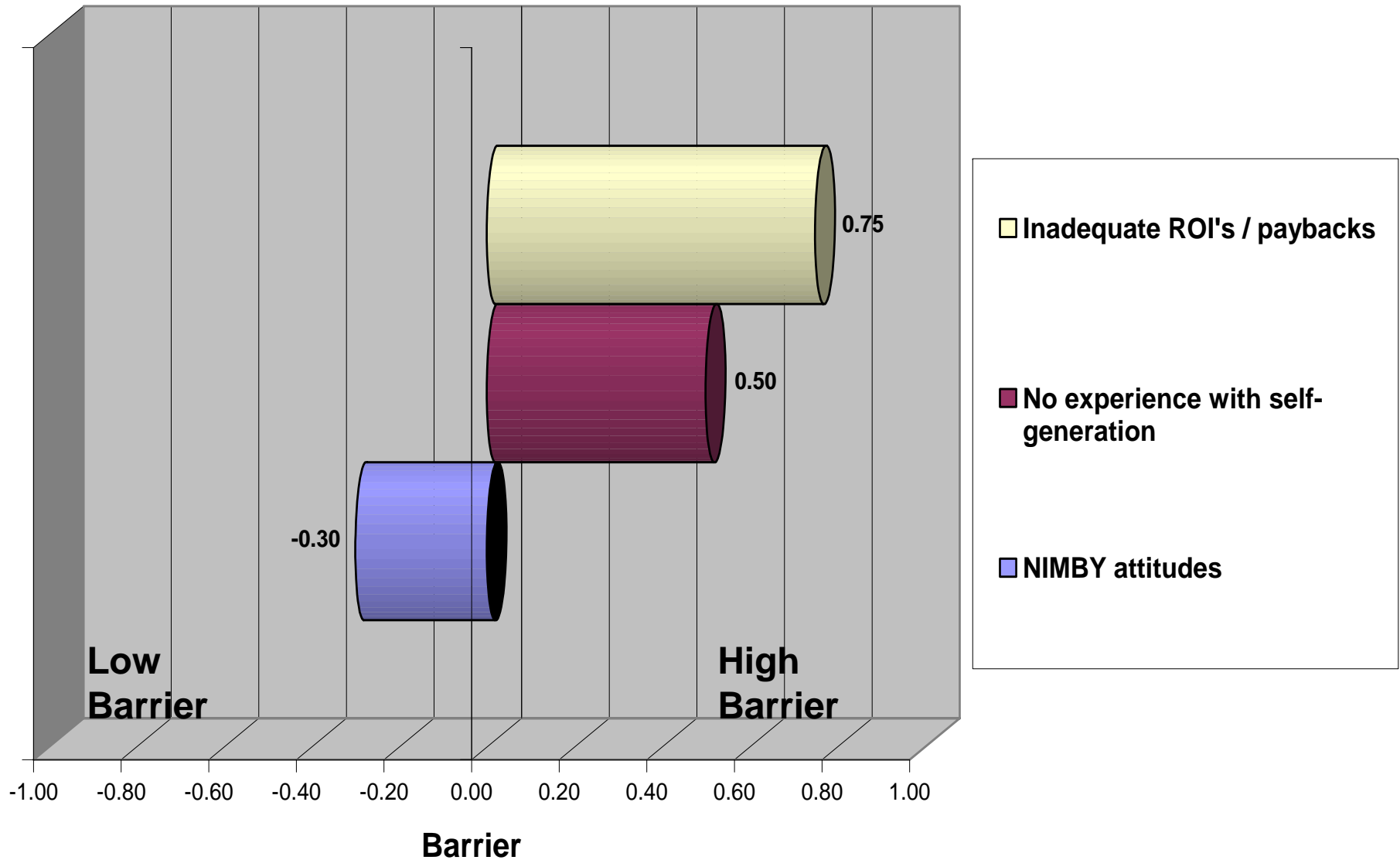


# Environmental Permitting Issues





# End-user Attitudes





# CHP Barriers- Points of Disagreement

- Market and Technology
  - Natural Gas Prices
  - Low Electric Rates
  - Lack of Qualified Engineering Firms knowledgeable in CHP
  - Lack of Engineering Firms Willing to Specify CHP systems
  - Mismatch in sizes & timing of electrical and thermal loads



# CHP Barriers- Points of Disagreement (cont.)

- Market and Technology
  - Mismatch in sizes & timing of electrical and thermal loads
  - Lack of Certified CHP Systems
  - Lack of Packaged CHP Systems
  - Difficult to Install CHP Systems
- Utility Interconnect and Regulatory Issues
  - Lack of Grid Interconnect Standards
  - Non Cooperative Gas Utility





# CHP Barriers- Points of Disagreement (cont.)

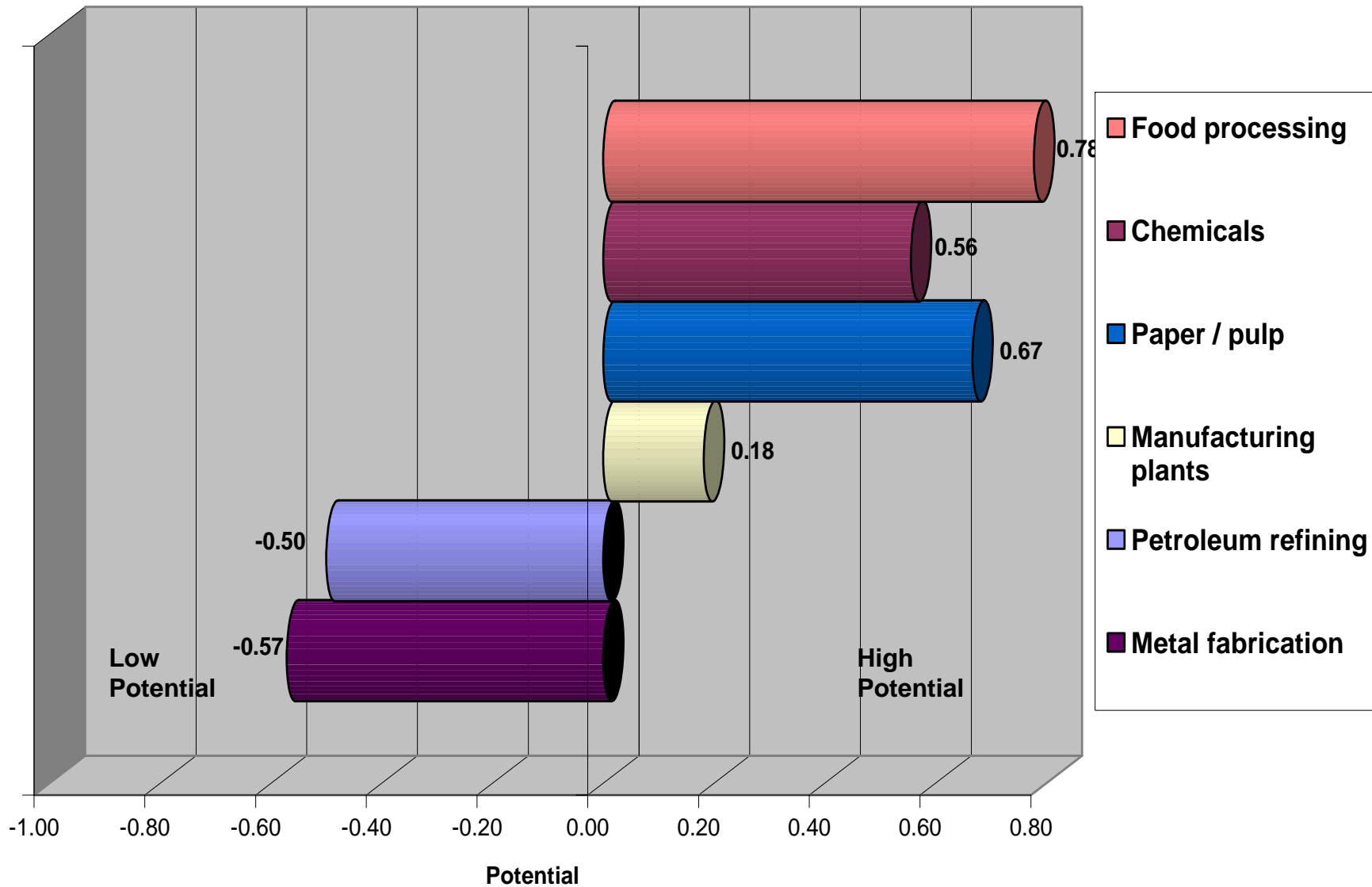
- Environmental Issues
  - Environmental Permitting (complex)
  - Environmental Permitting (too costly)
  - Local Code Issues
- End-user Attitudes
  - Lack of Case Studies & Basic information
  - Lack of Screening Tools & assistance
  - Lack of Accurate Financial Analysis Tools
  - Difficult to Obtain Project Financing



# Potential Markets for CHP

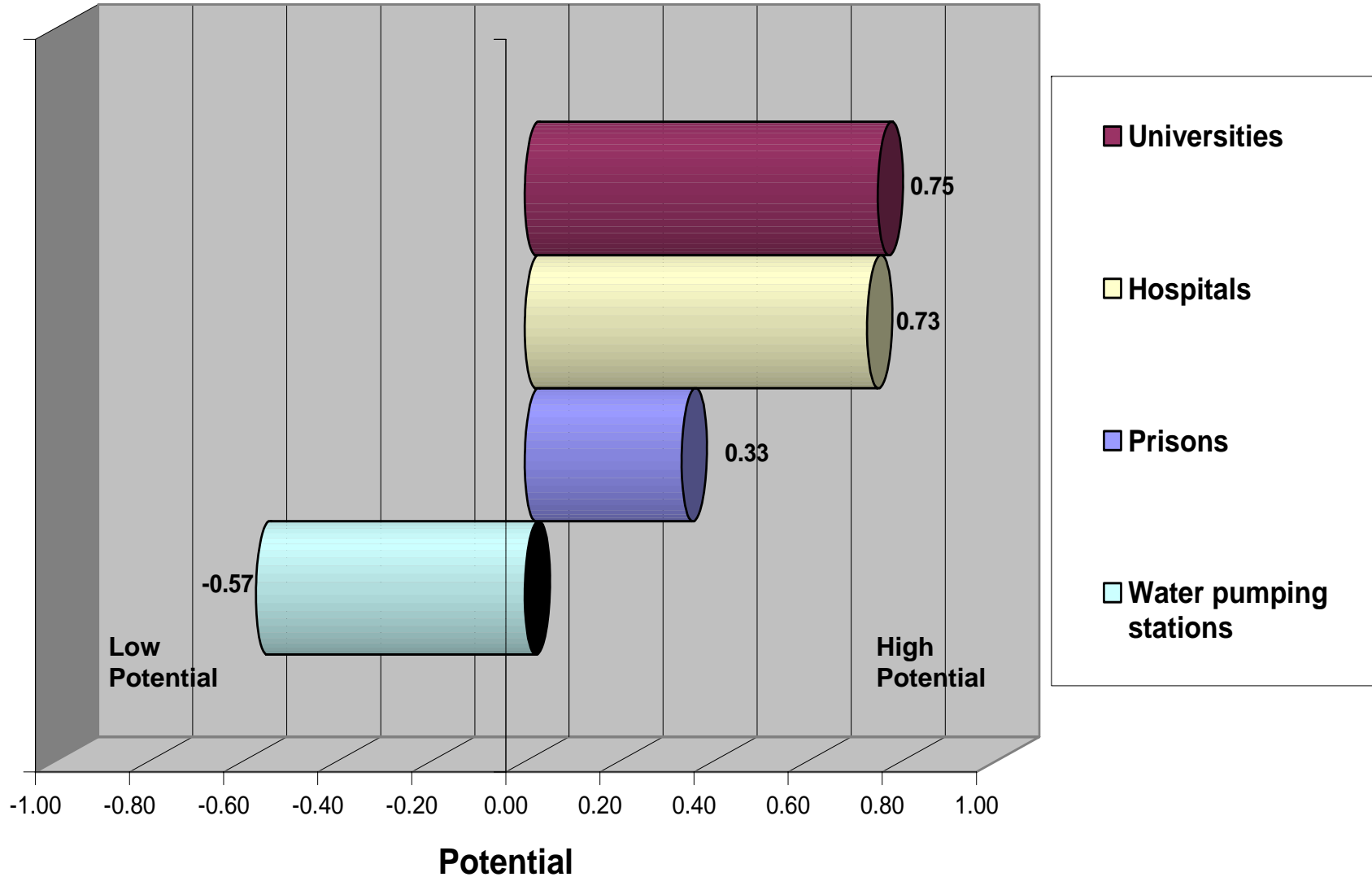


# Industrial Applications



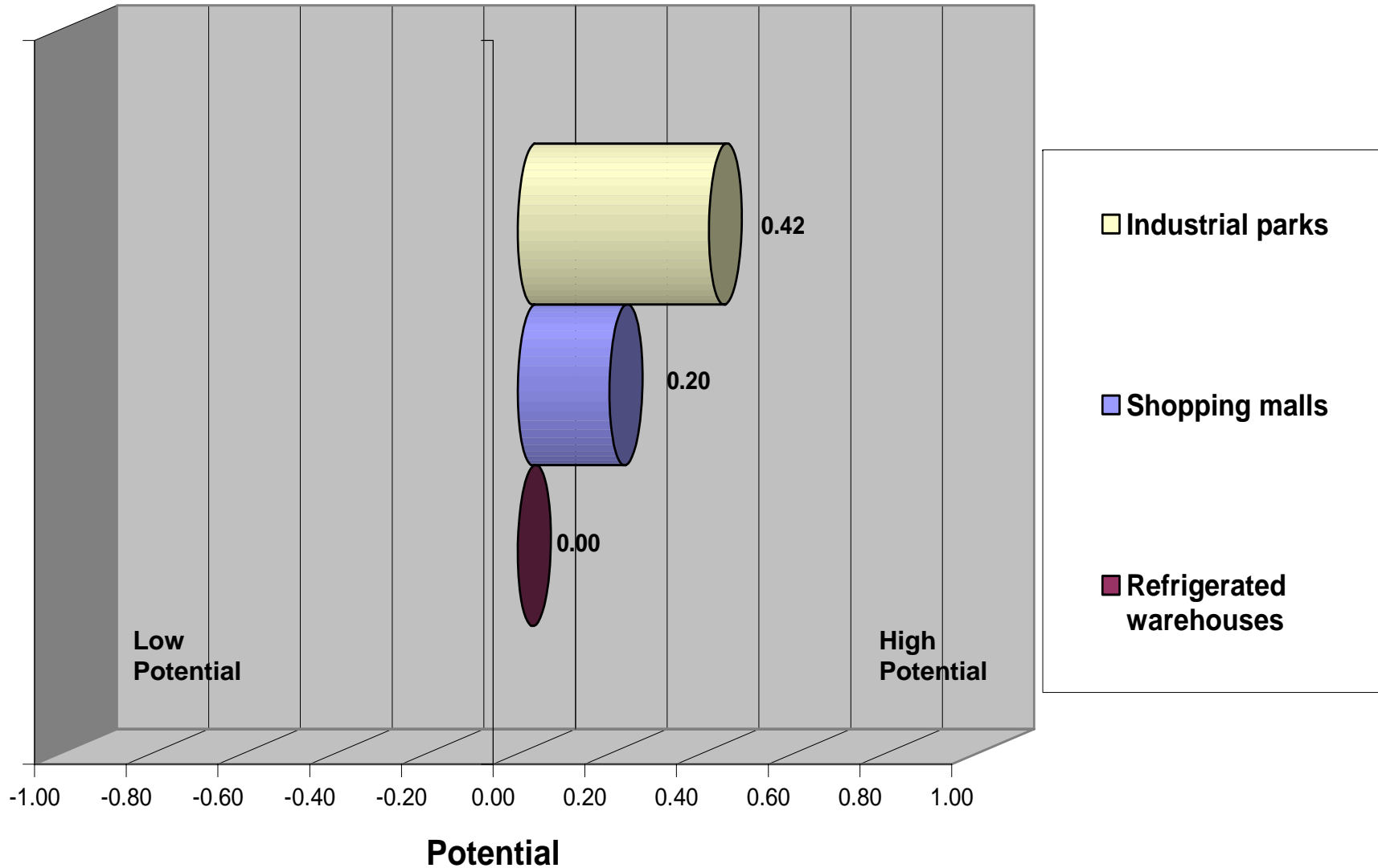


# Institutional Applications



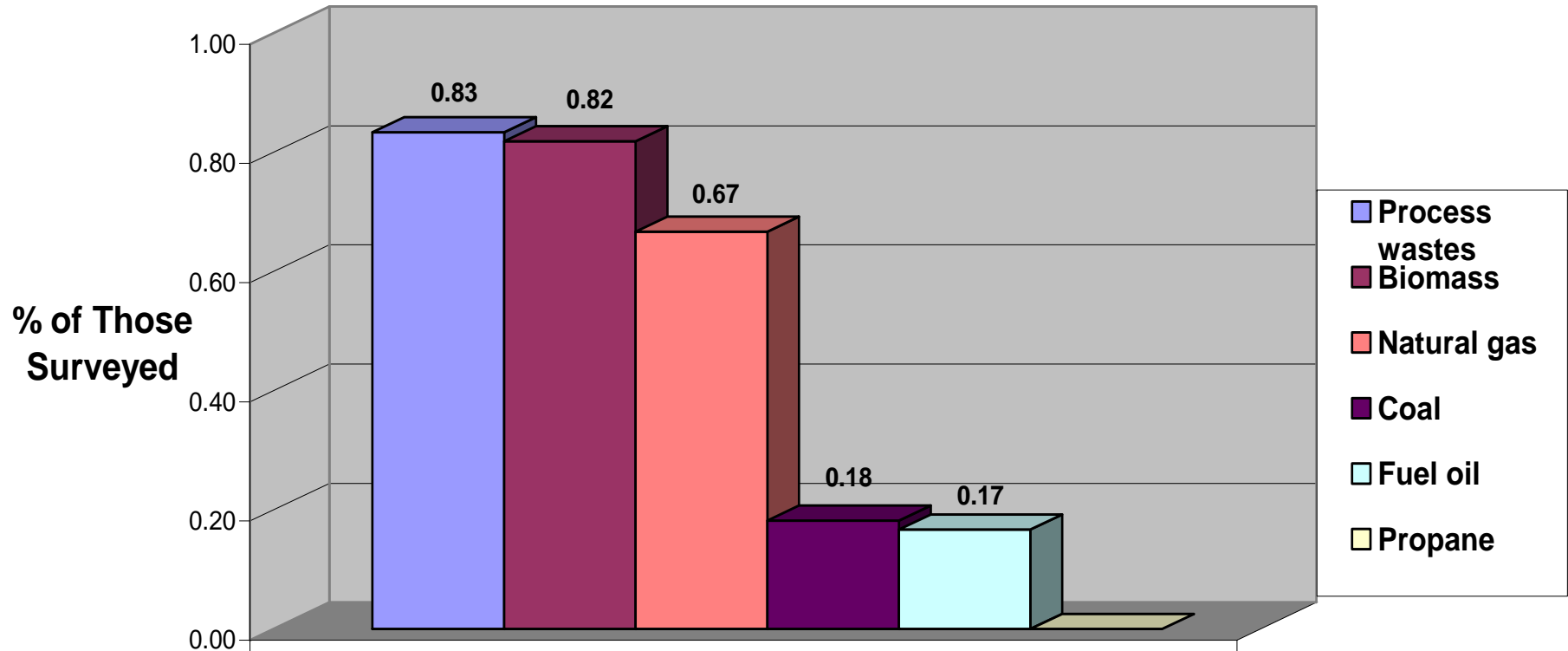


# Commercial Applications



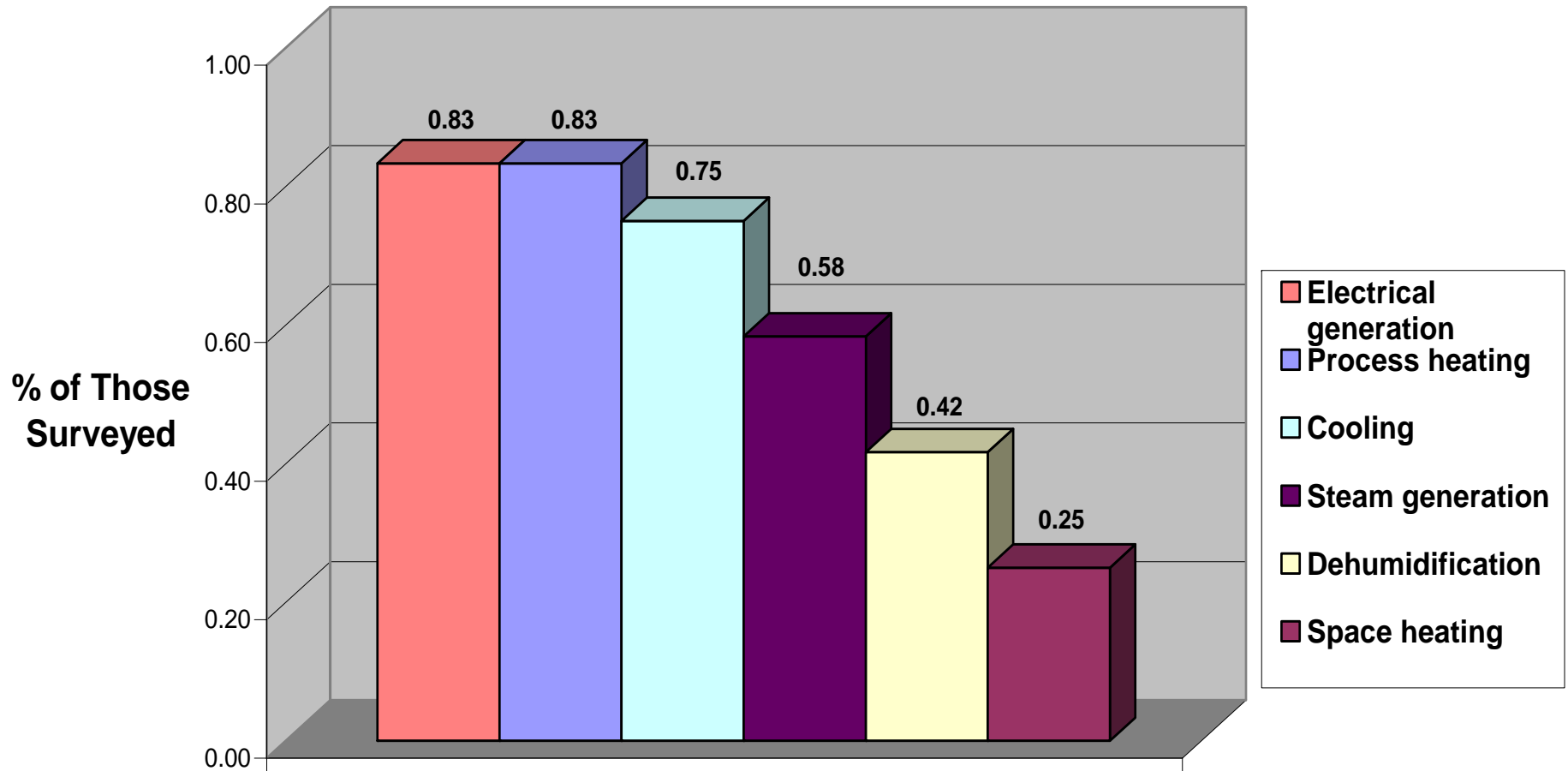


# Fuel Utilization for CHP Systems



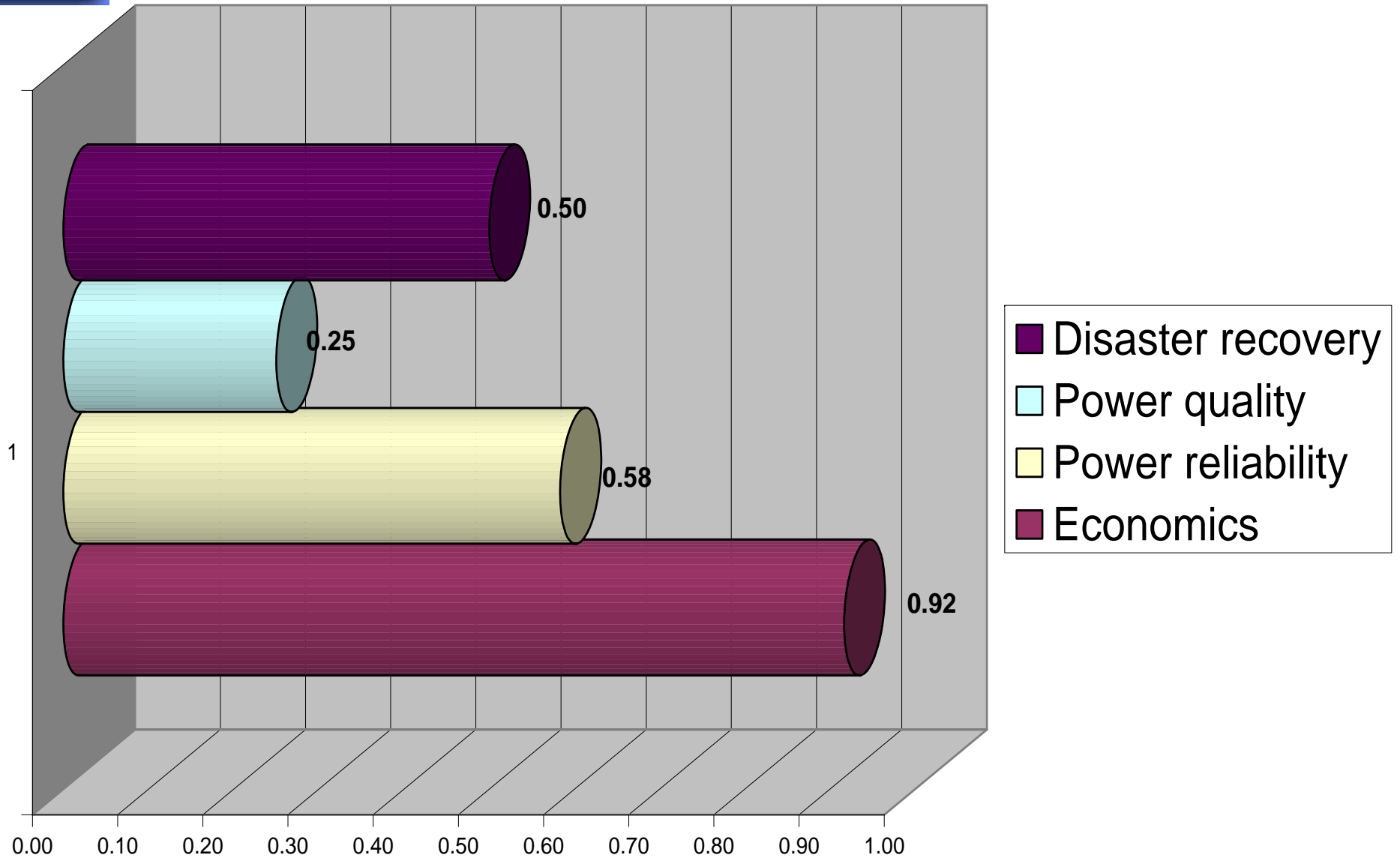


# Application Type





# MOTIVATION





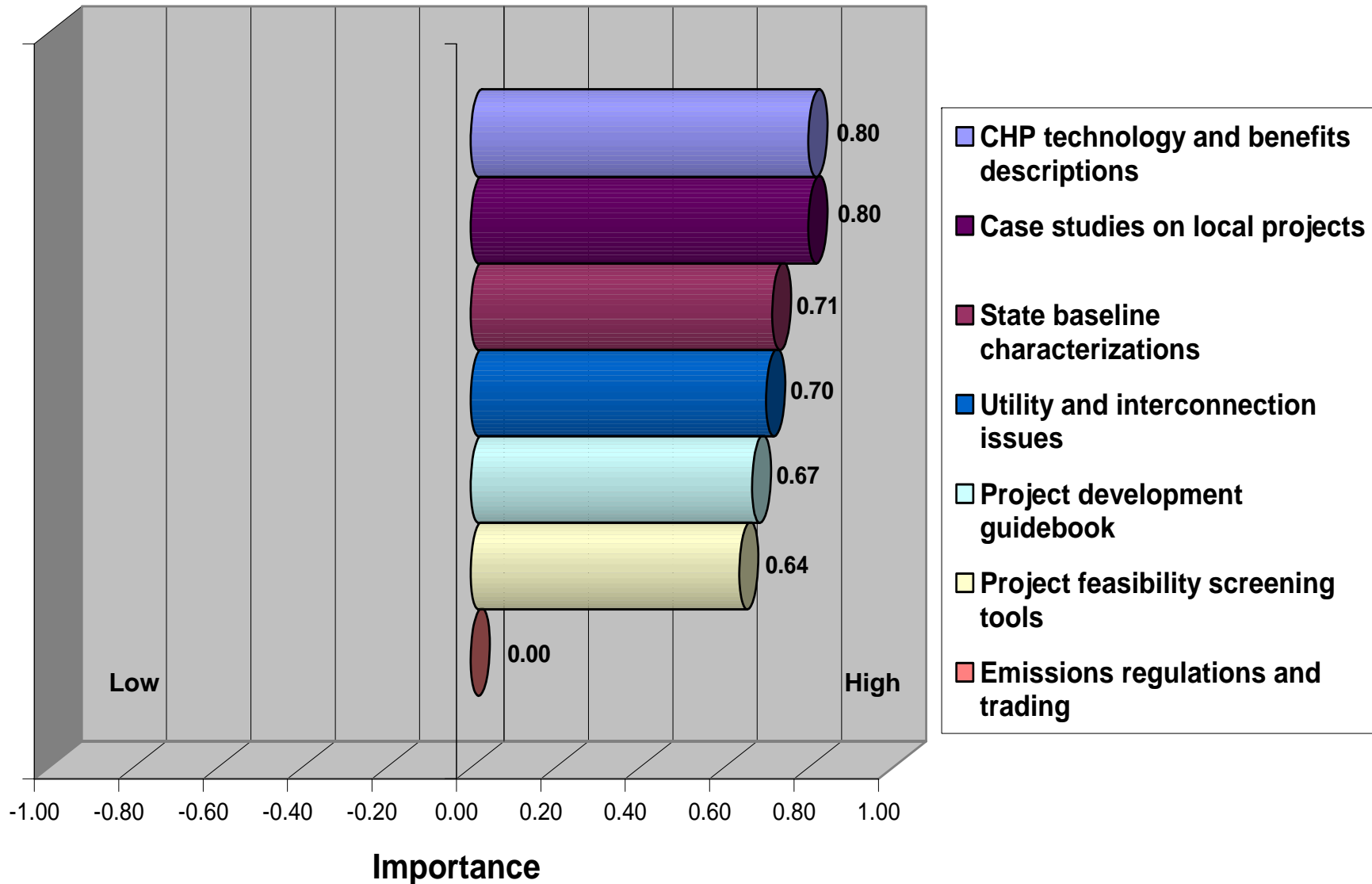


# Southeast CHP Application Center

## ACTIVITIES

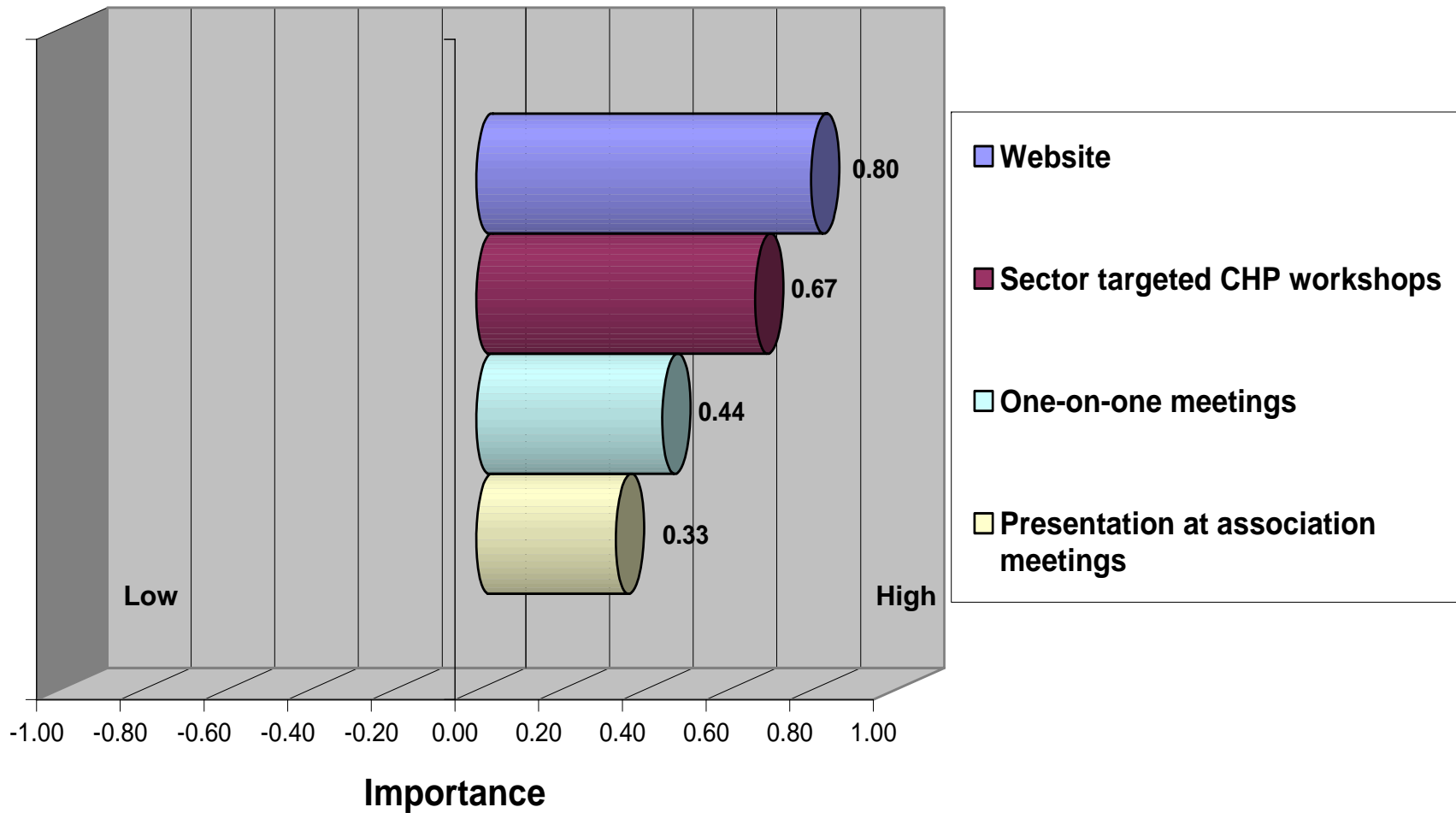


# Education and Outreach



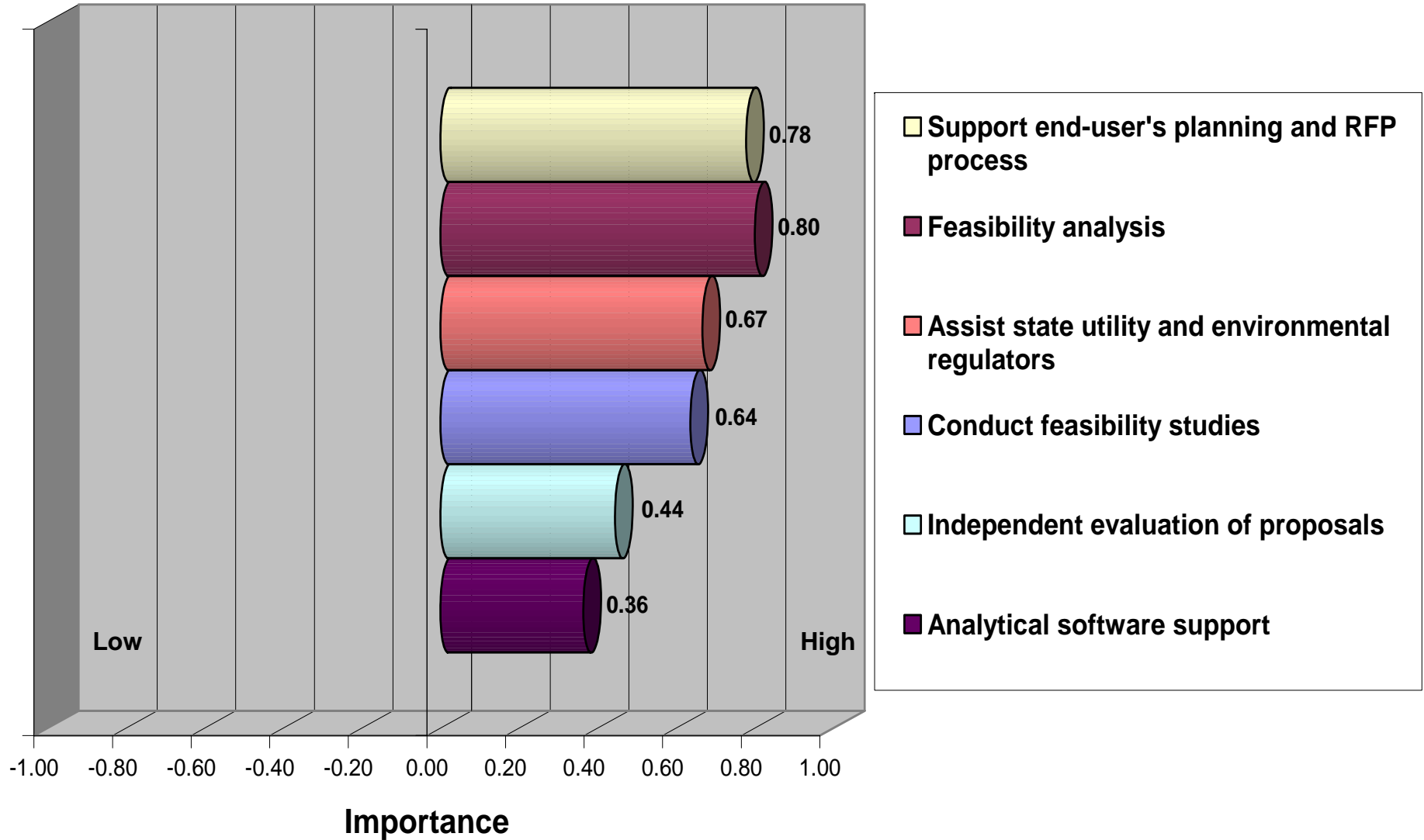


# Communication Channel Priorities



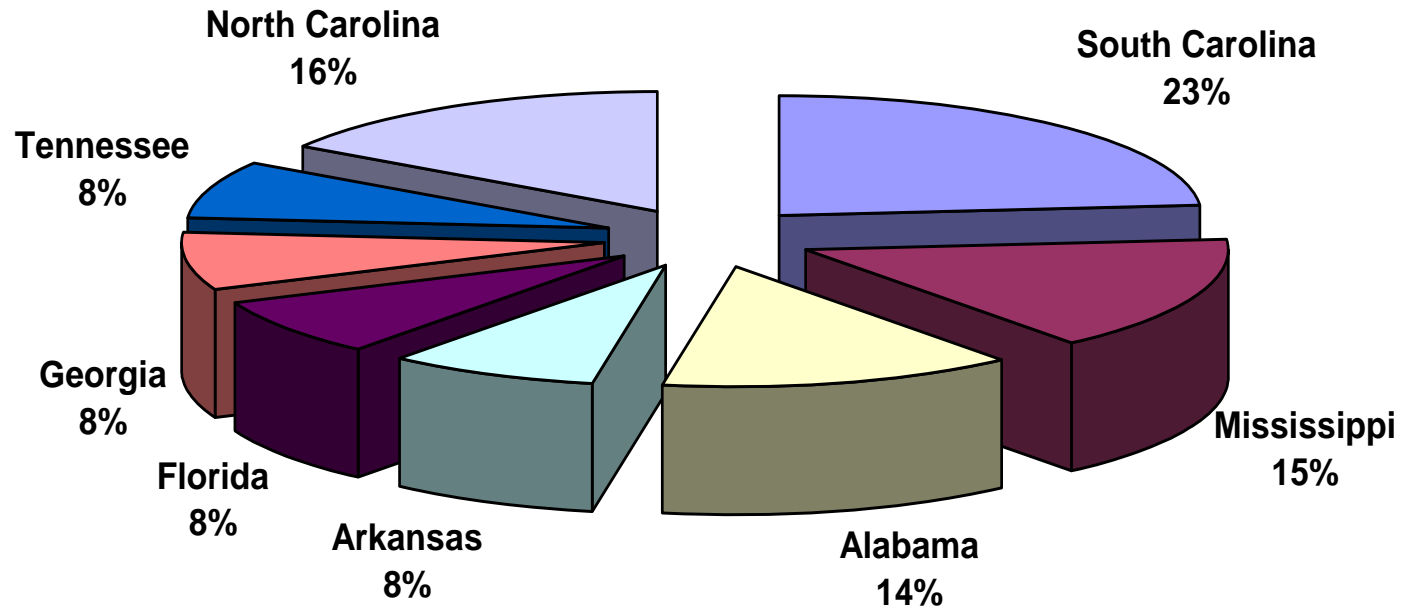


# Technical Assistance





# State Familiarity





# Roles in CHP Industry

