

# **Incident Management**

## ***Gas Supply Interruption***

*presented to:*

**House Special Committee on Energy**

**September 1, 2009**

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# Railbelt Utility Coordination

*The success of meeting the daily energy requirements of Southcentral Alaska requires the coordination of all Railbelt Utilities.*



# Chugach Plans for Potential Events



- Severe weather
- Flood
- Avalanche
- Accidental & Intentional damage
- Fire
- Dam breach
- Hazardous material release
- SCADA disruption
- Gas supply interruption
- Explosion
- Earthquake
- Wildlife
- Volcanic activity

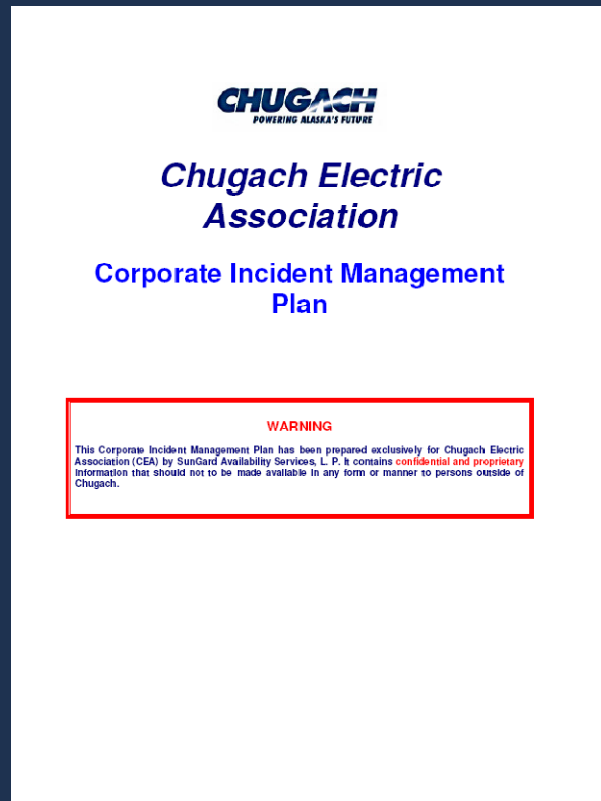
# Most Events do not Impact Consumers



- Knowledgeable and well-trained staff are available 24/7
- Redundancy and backup systems are designed into electric system
- System Operating rules maintain maximum flexibility
- Joint utility coordination reduces risks



# Corporate Incident Management Plan Provides Incident Response Oversight



- Incident notification
- Management reporting
- Management and incident team contact information
- Situation assessment & reporting
- Emergency operations center
- Damage assessment
- Salvage & restoration
- Transition from crisis-to-normal operations

Chugach's Overall Incident  
Management Plan

# Additional Chugach and Inter-Utility Plans

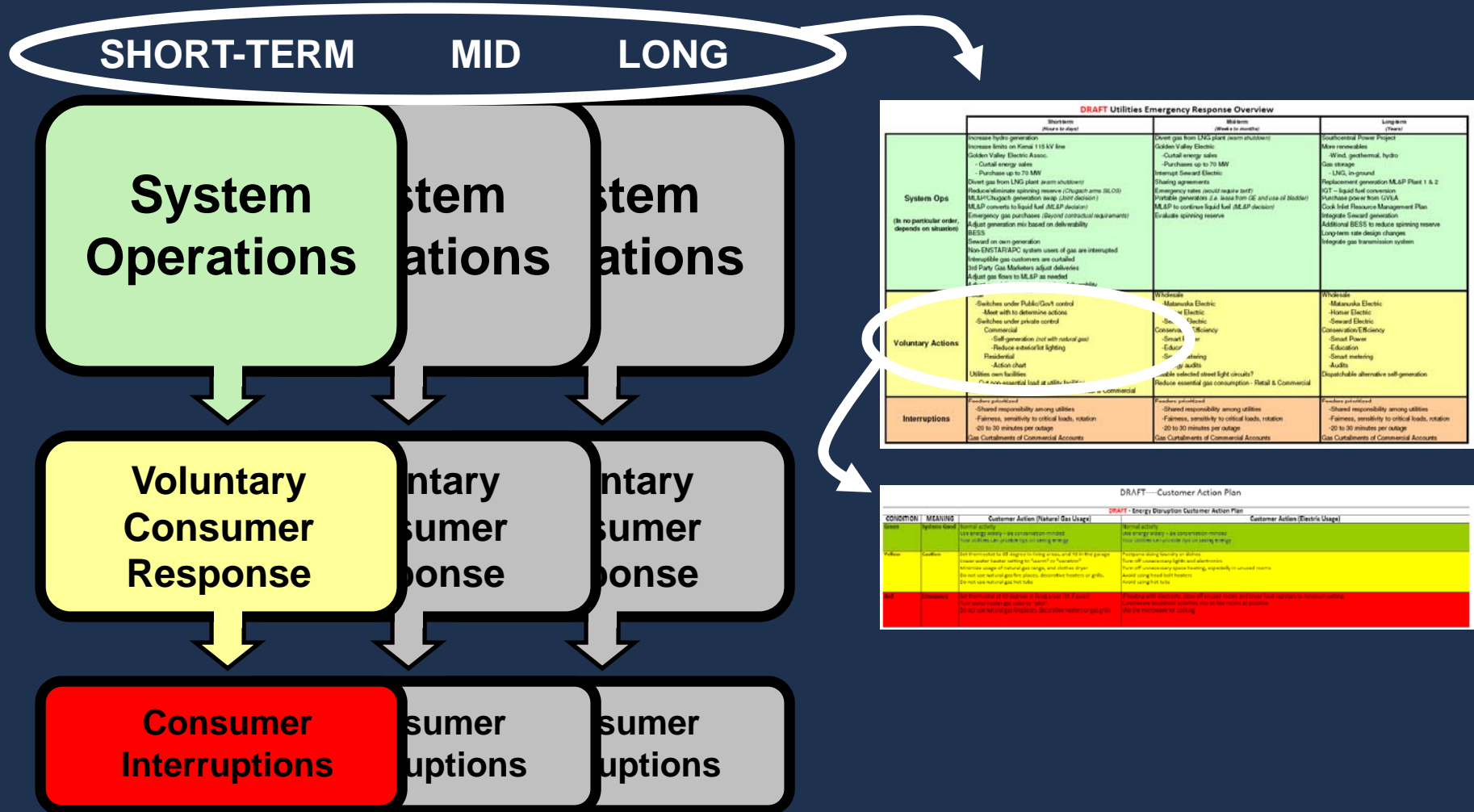
## Chugach Plans

- Accounting Recovery Plan
- Member Services Recovery Plan
- Information Systems Disaster Recovery Plan
- Cooper Lake Hydro Incident Plan
- Volcano Preparedness Plan
- Alstom Strategic Alliance
- WESCO Strategic Alliance

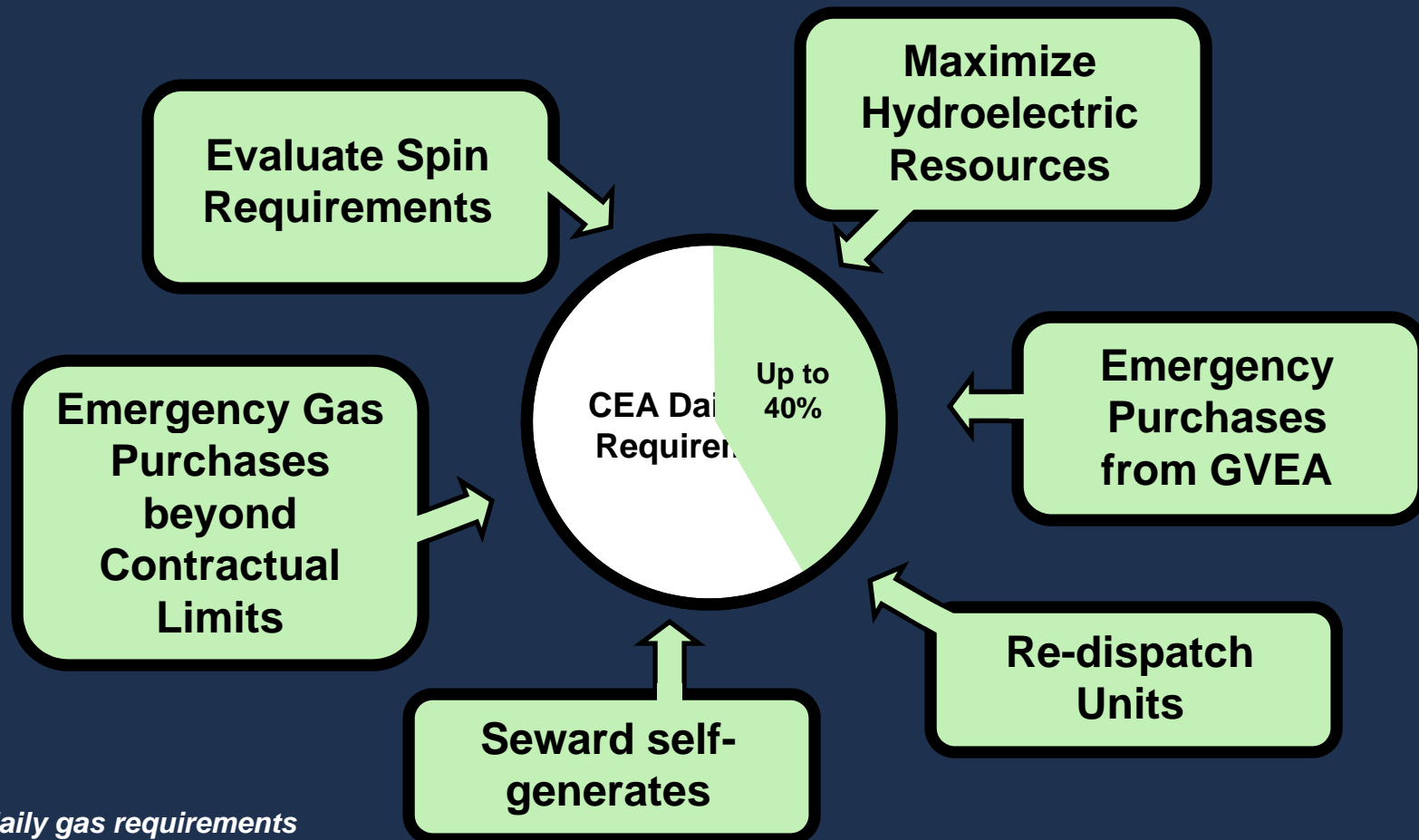
## Inter-Utility Plans

- Intertie Operating Committee and Sub-Committee Agreements
- Railbelt annual joint G&T planning
- Coordinated inter-utility assistance based on ASCC Mutual Assistance Agreement
- Gas coordination working group
- Statewide Operations Managers Group
- Enstar's tariff section 1200 – covering gas shortage cost sharing and a interruption program
- Alaska Partnership for Infrastructure Protection

# Gas Supply Interruption Incident Response Overview



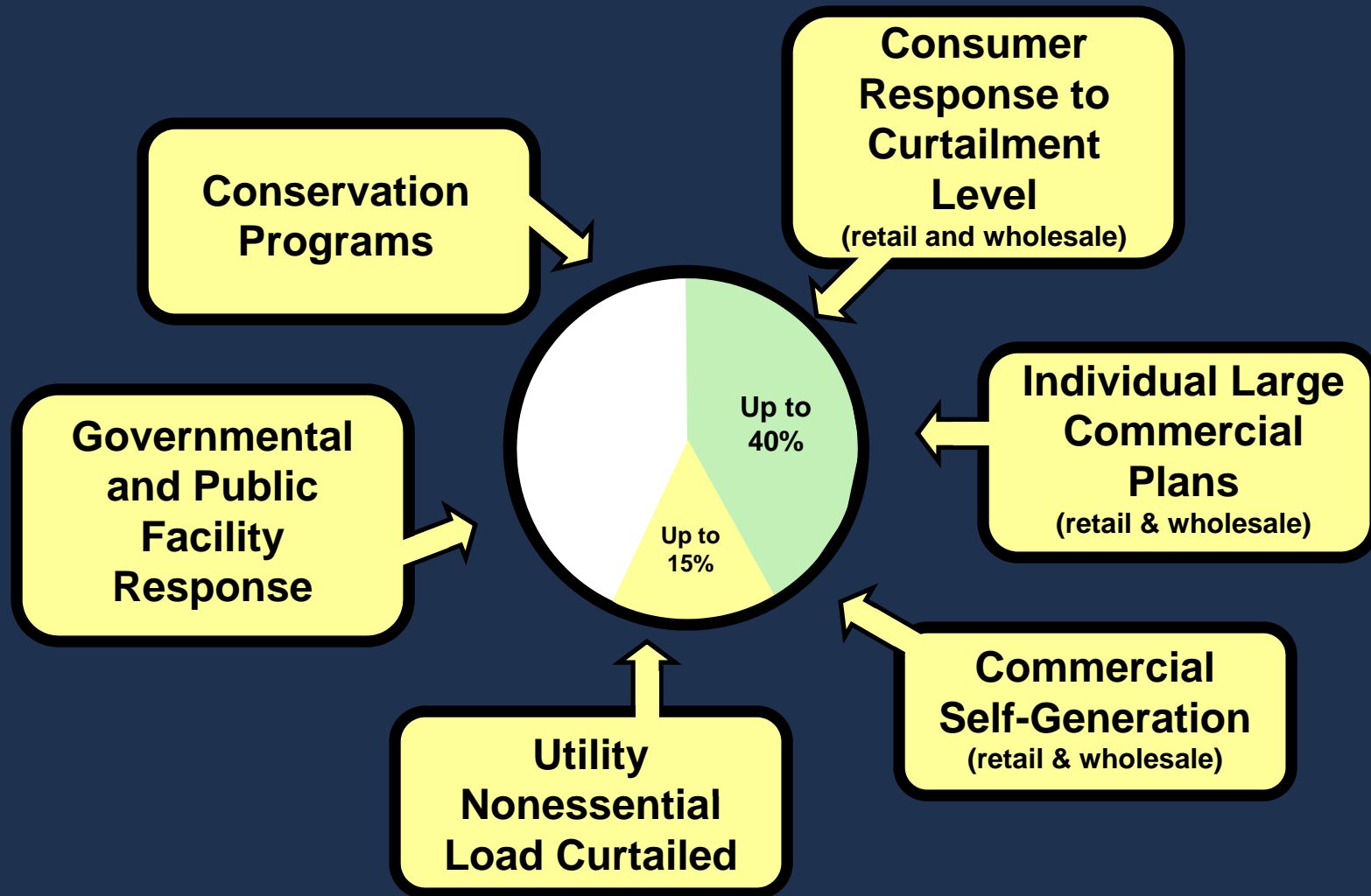
# System Operations Response to a Gas Supply Interruption



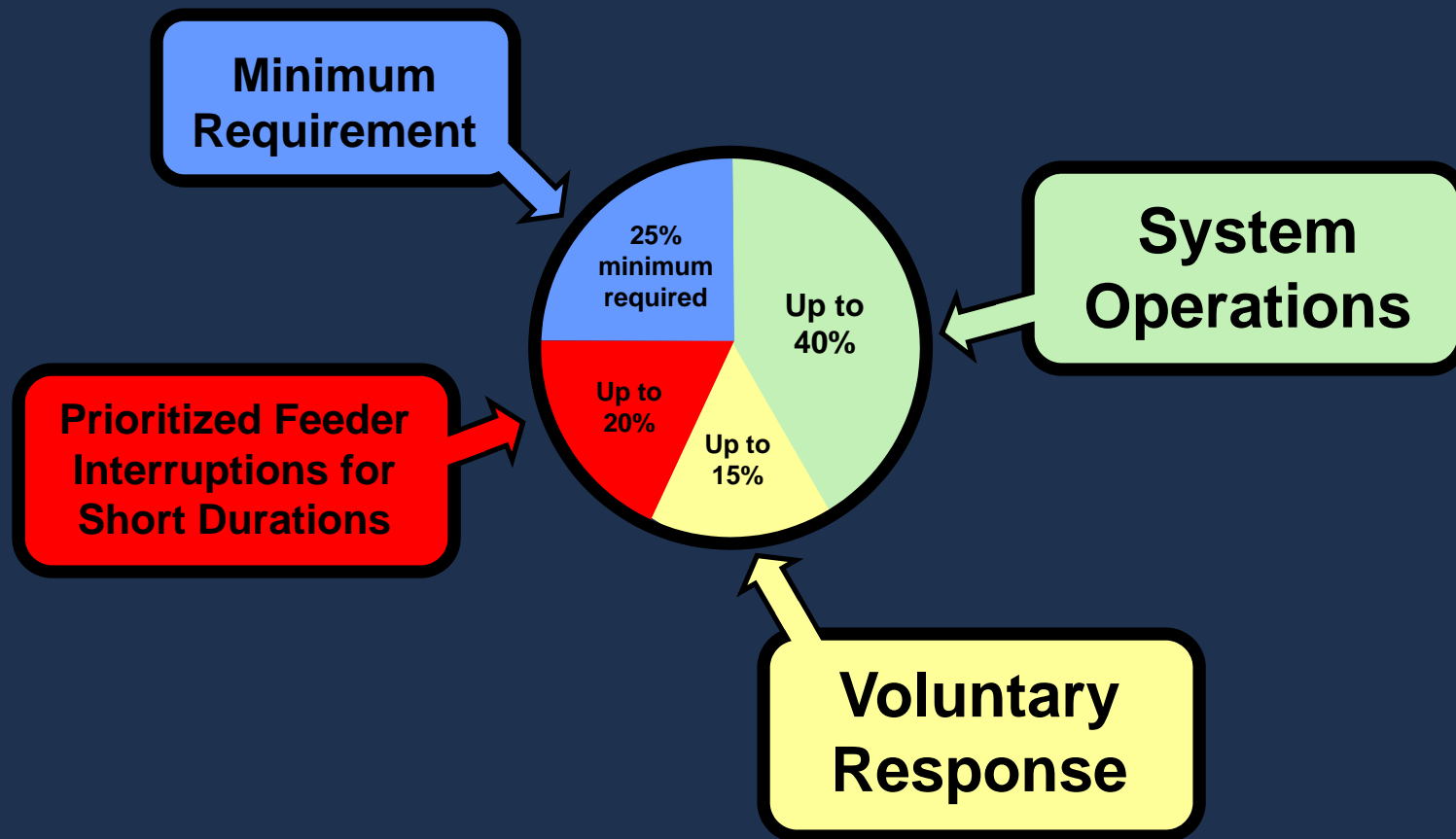
\* - CEA daily gas requirements include Chugach retail and wholesale members MEA, HEA and SES



# Voluntary Consumer Response to a Gas Supply Interruption



# Customer Interruptions

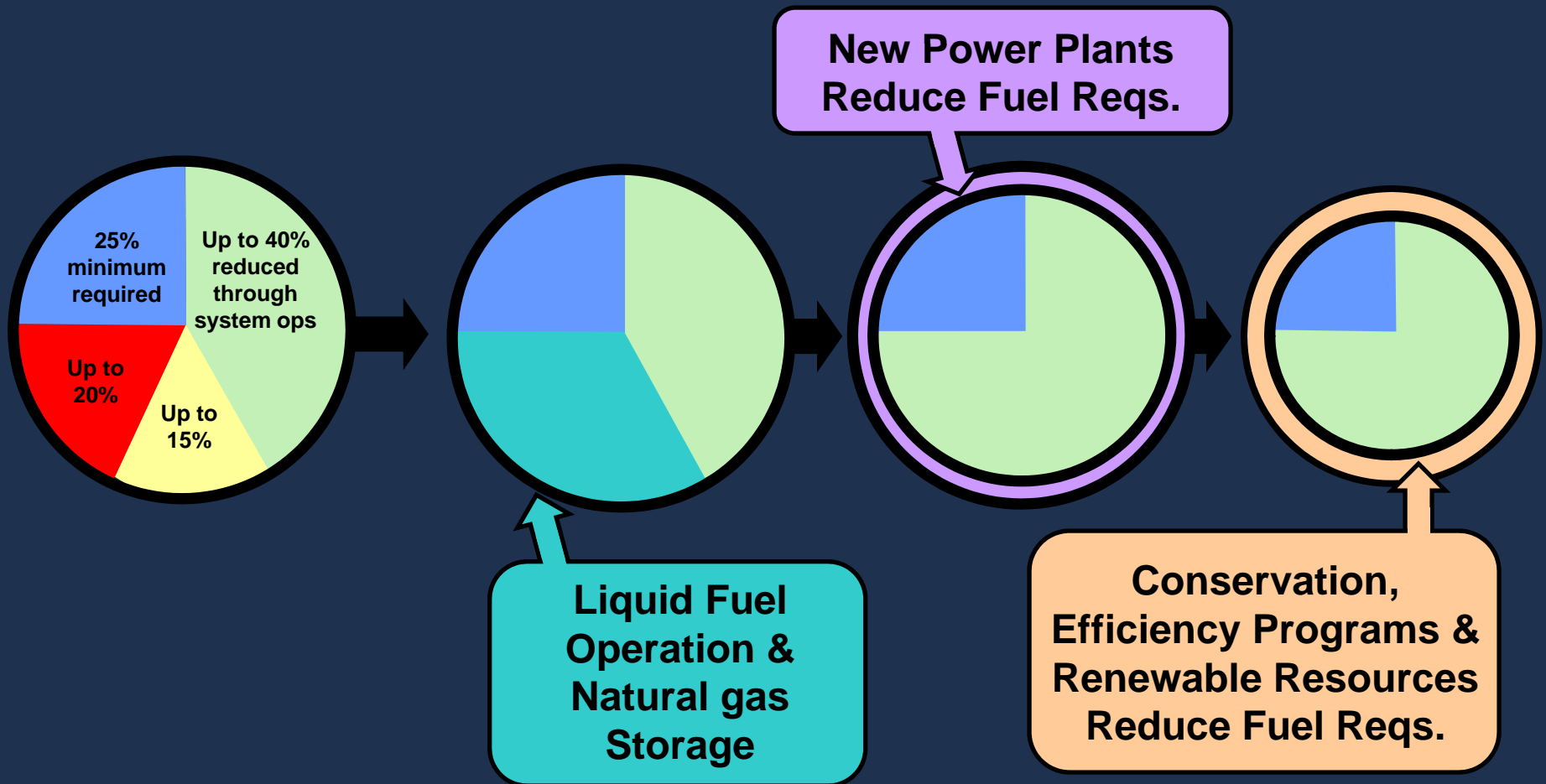


## Daily Gas Peak Requirements & Potential Curtailments

Utility	Daily Demand (mmcf/d)	% Curtailment	Curtailment (mmcf/d)
ML&P	38,000	~75%	~28,000
Chugach	95,000	~75%	~70,000
Enstar	270,000	~10%	~27,000
Total:	403,000	~31%	~125,000

# Looking Forward

## *Reducing Gas Demand*



## Next Steps

### **By September 30, 2009**

- **Conduct electric & gas utility tabletop exercise with system operators**

### **Coordination with Municipality of Anchorage**

- **By September 18, 2009 - community education plan**
- **October 2009 - energy conservation month & notification of alert status**
- **October 2009 – conduct real-world test of voluntary curtailment**
- **By October 23, 2009 - complete MOA Emergency Action Plan**
- **By November 6, 2009 – MOA tabletop exercise**
- **By November 13, 2009 - review of MOA tabletop exercise and modify MOA Emergency Action Plan accordingly**