



# ANCI LLARY SERVI CE WORK GROUP

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## ADDRESS

- Meet Provider of Last Resort Requirement
- Pursue Rules for Self and Third Party Provision

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## APPROACH

- Foster Competitive Markets
- Consider Range of RTO Roles, Market Structures, Implementations
- Joint Meetings/Teams With CM WG
- Near-Term Focus
  - Understand/Influence Implementation Constraints
  - Define A/S Products
  - Review Structure of A/S Markets

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## Status

### Strawman Proposals

- End State
- Products
  
- Examining Four Structural Options
  - Comparison Matrix Developed
  - Options Being Clarified

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## END STATE "STRAW MAN"

- RTO Wide Markets
- RTO Wide Deployment
- RTO Wide Settlements
- Efficient Implementation
  - Regional Focus
  - Efficient Products/Processes

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## A/S PRODUCTS "STRAWMAN"

- Raw Products
  - Regulation(Up,Down)
  - Load Following(Up,Down)
  - Reserves(Spin,Non-Spin,Replacemnt)
  - Supplemental Energy
  - Congestion Redispatch(Forward Market)

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## A/S Products 'STRAWMAN'

- Raw Products(cont'd)

Black Start  
Voltage Support

Load Curtailment & UF/UV Shedding  
RAS(Gen, Load Drop, Transient Excitation  
Boosting, etc)  
Frequency Response Reserve

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## Structural Options

- Avista
- BC Hydro
- Multiple Control Area Based
- Single Control Area Based

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## Issues

- Cost/Timing Of Implementation
- Retaining Value In New Paradigm
- Size Of A/S and Congestion Management Markets
- Independence

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## Questions/Comments

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