



ANCILLARY SERVICE WORK GROUP



ADDRESS

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



APPROACH

- Foster Competitive Markets
- Consider Range of RTO Roles and Market Structures
- Recognize Part of Market Design
- Near-term focus
 - Understand Starting Point
 - Understand/Influence Implementation Constraints
 - Define A/S Products
 - Review Structure of A/S Markets



Status

- A/S Work Shop 6/8
- Strawman Proposals
 - End State
 - Products
- Examining Two Structural Options



END STATE "STRAW MAN"

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



A/S PRODUCTS "STRAWMAN"

- Raw Products

Regulation(Up,Down)

Load Following(Up,Down)

Reserves(Spin,Non-Spin,Replacement)

Load Curtailment/Shedding

Supplemental Energy

Congestion Redispatch



A/S Products 'STRAWMAN'

- Raw Products(cont'd)
 - Black Start
 - Voltage Support
 - Remedial Action System Response
(Gen, Load)



Structural Options

- Control Area Based
- Multiple Control Area Based



QUESTIONS/COMMENTS