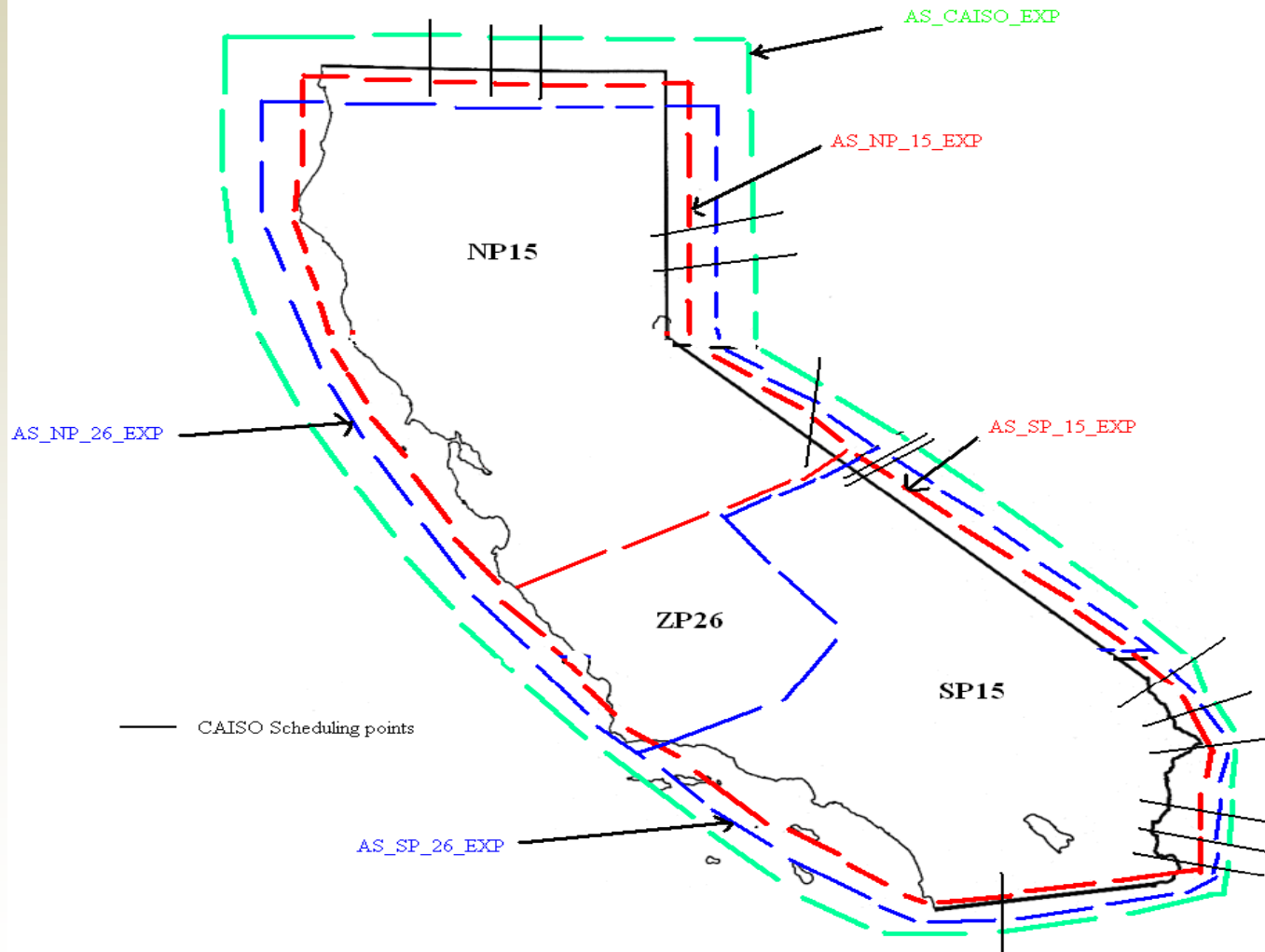
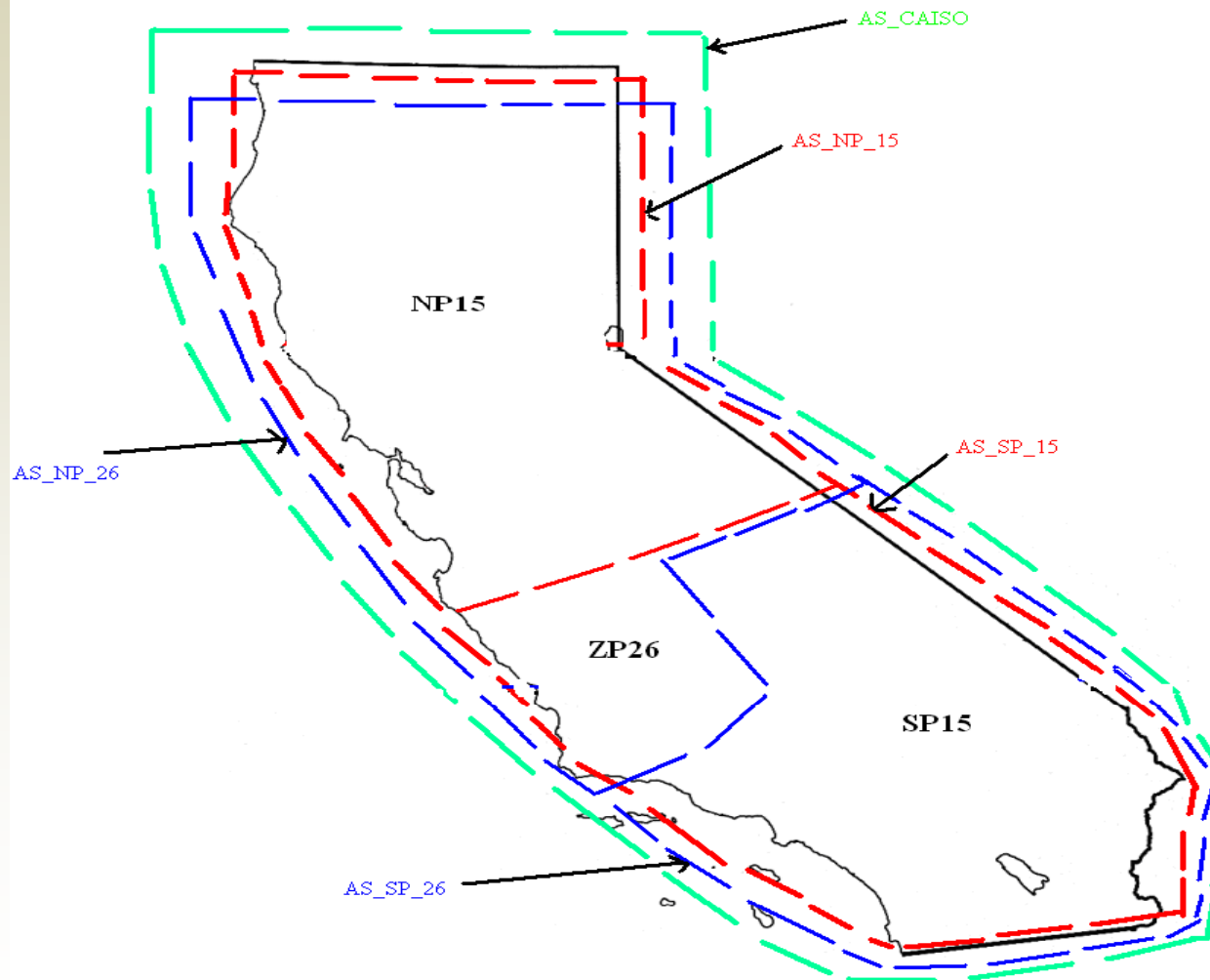


Extended AS Region



AS Sub-Regions MAP



Scarcity Pricing Implementation

- A major Scarcity Pricing requirement is NOT to double count scarcity prices between AS sub-regions.
- Double counting is allowed between AS sub-region and the AS Region (Extended CAISO)

Scheduling Run (simplified math version)

$$\sum \text{Resource}_{\text{SP-26}} \geq \text{Requirement}_{\text{SP-26}}$$

$$\sum \text{Resource}_{\text{SP-26}} + \sum \text{Resource}_{\text{SP-26-inter-ties}} \geq \text{Requirement}_{\text{SP-26-Exp}}$$

Partition Concept: Pricing Run (simplified math version)

$$\text{Resource}_{\text{SP-26_P}} \geq \text{Requirement}_{\text{SP-26_P}}$$

$$\sum \text{Resource}_{\text{SP-26-inter-ties}} \geq \text{Requirement}_{\text{SP-26-Exp-P}}$$

Definition of AS Partitions of Active AS Sub-Regions

