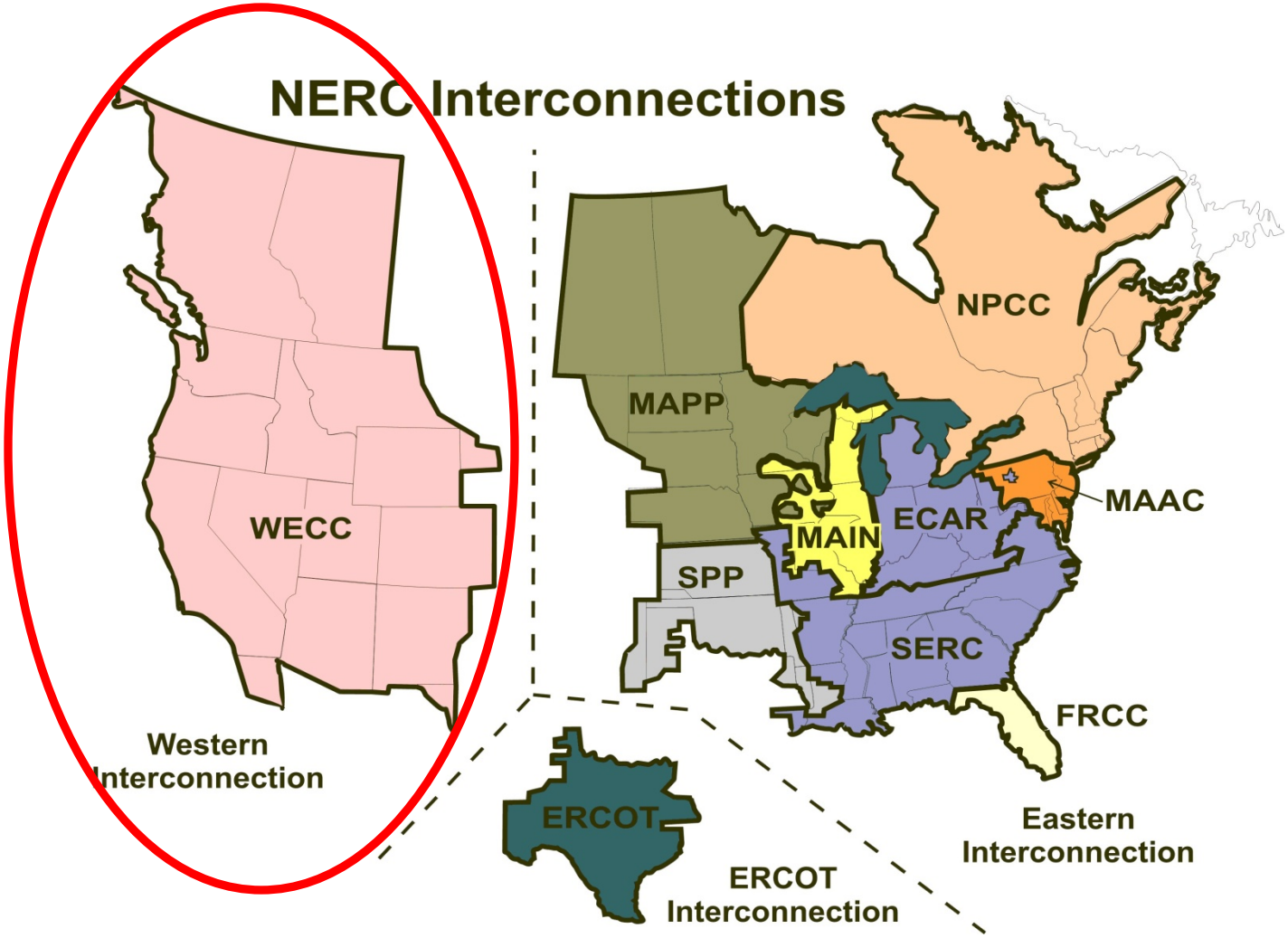
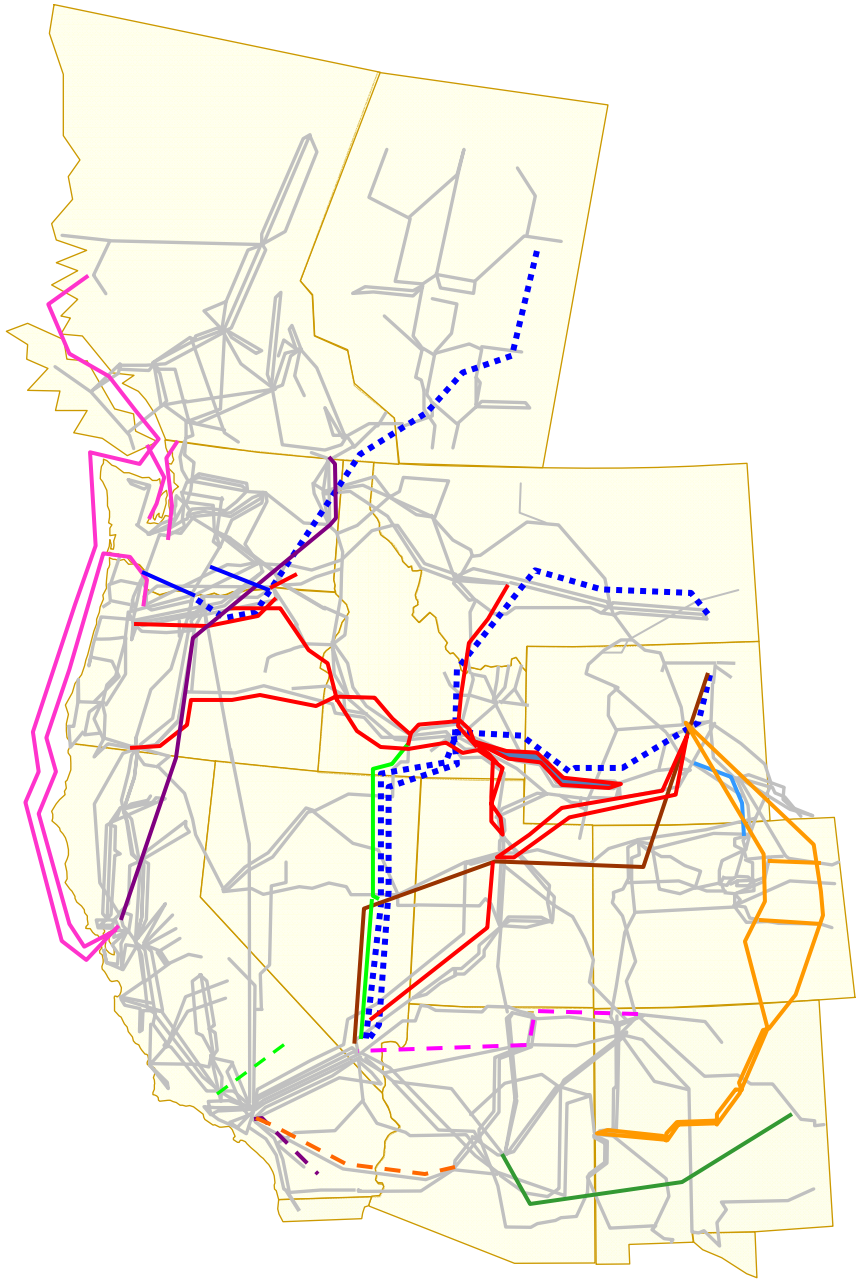
Context – Western Interconnection



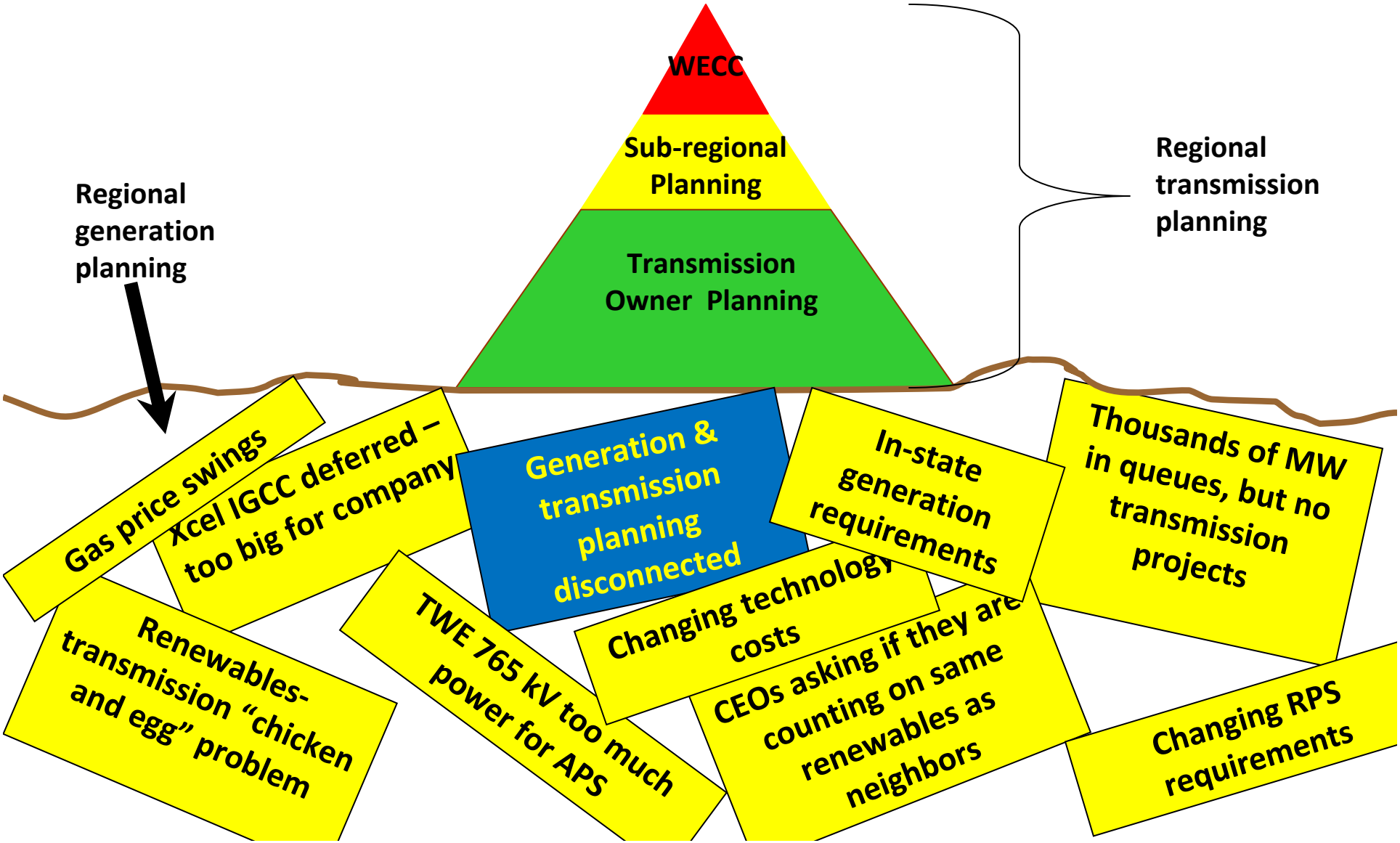


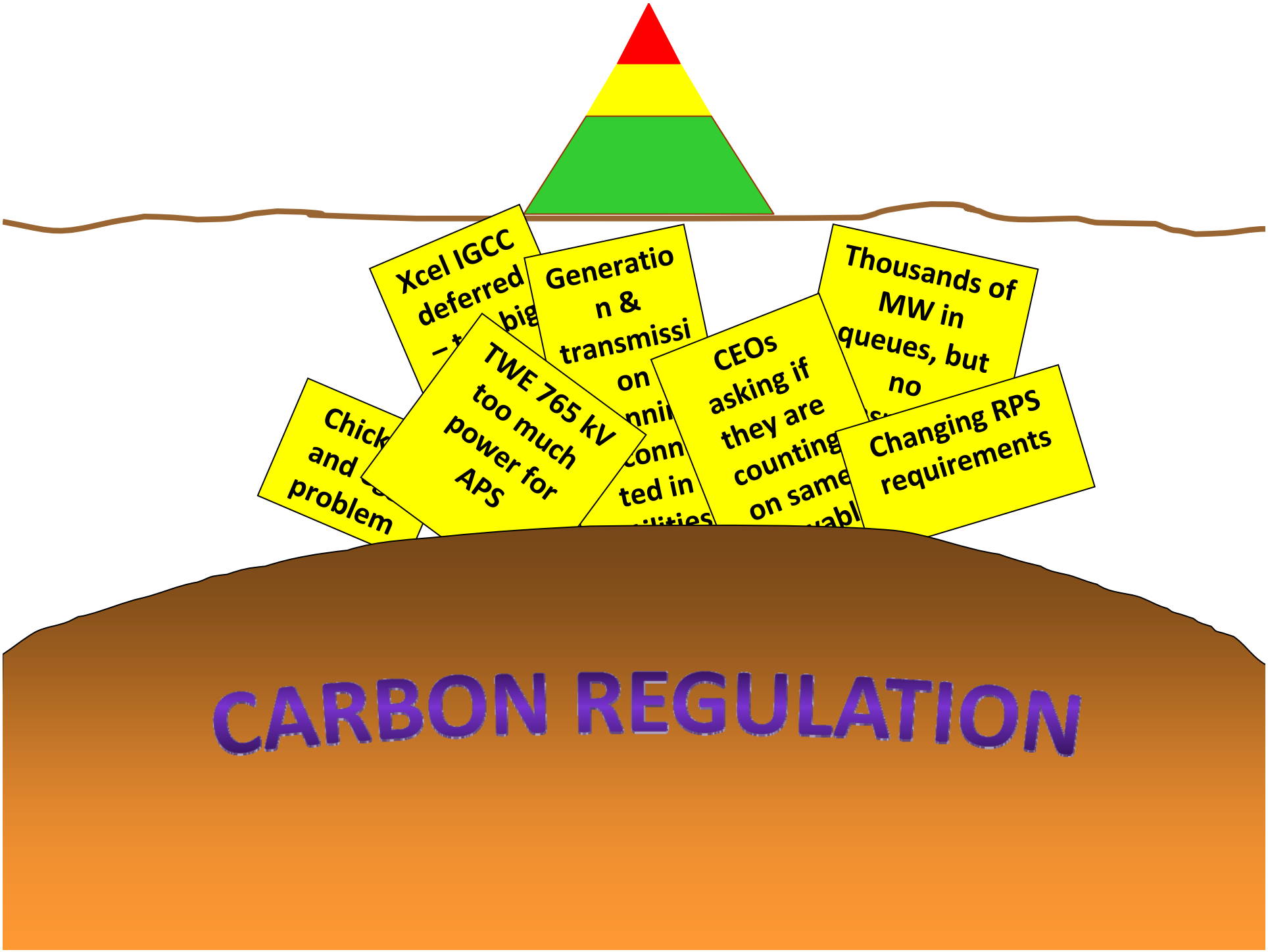
Proposed Transmission Projects in the Western Interconnection

Note: This plot includes selected projects from Table 3.2 of 2008 TEPPC Study Plan(v7) Projects have been grouped to simplify coding.

- **Sea Breeze Projects**
- **TransCanada Projects**
- **Gateway & Other NTTG Projects**
- **Columbia Grid Projects**
- **TransWest Express**
- **LS Power & Great Basin Projects**
- **WY-CO Intertie Project**
- **High Plains Express**
- **Sun-ZIA**
- **Canada/PacNW-NoCalif**
- **Central CA Clean Energy (C3ET)**
- **Green Path North**
- **Devers-Palo Verde 2**
- **Navajo Transmission Project**

Systematic Transmission Planning Processes Built on Generation Quicksand




Xcel IGCC deferred
Generation & transmission
Thousands of MW in queues, but no
TWE 765 kV too much power for APS
CEOs asking if they are counting on same
Changing RPS requirements
Chick and problem
CARBON REGULATION

Pushing <u>and</u> Pulling on the Transmission Expansion String

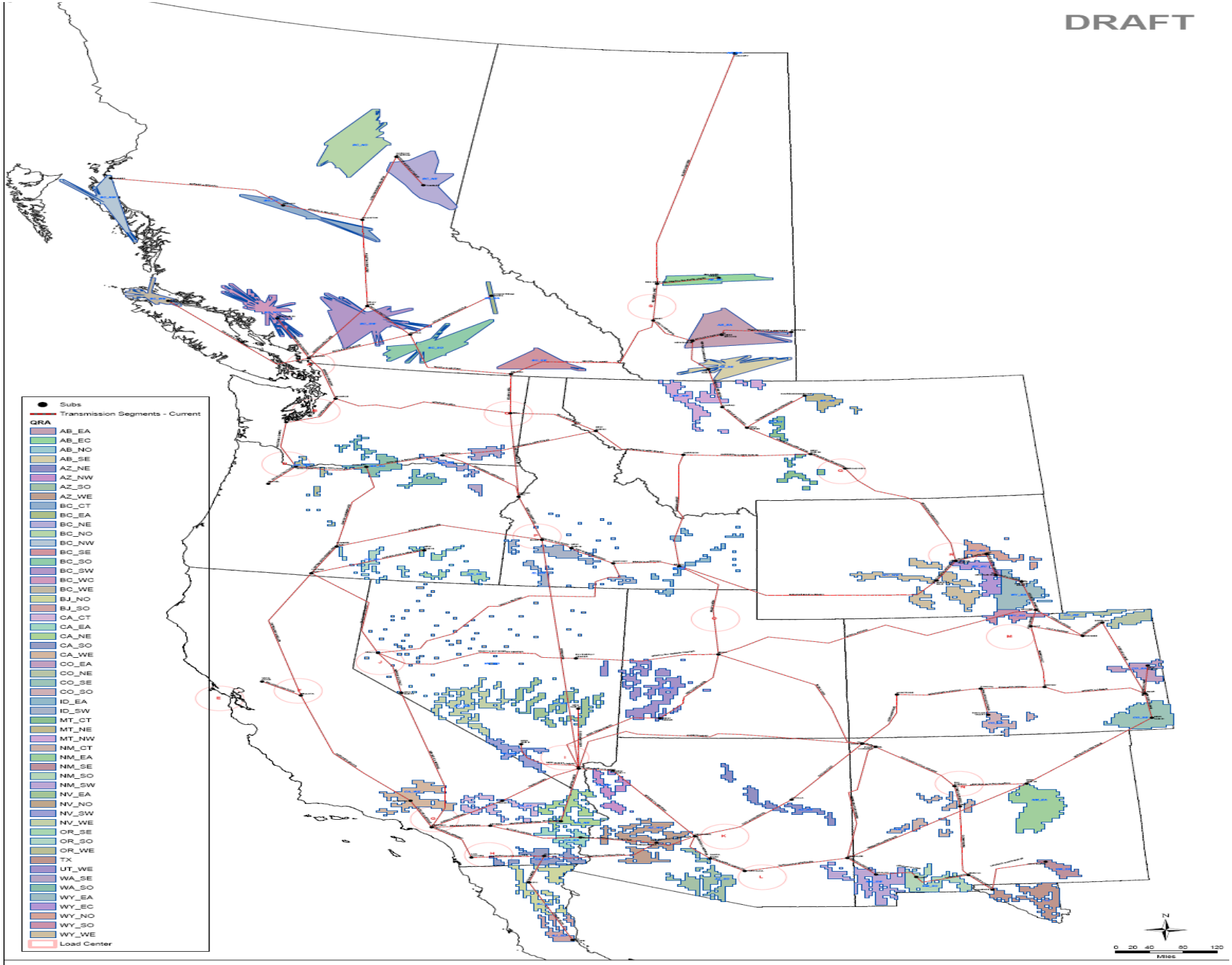
Historical Approach -- <u>Pushing on *a string* by:</u>

- ***Transmission planners evaluating lines to relieve congestion (e.g., Sec 1221; Order 890)***
- ***Increasing rate of return on transmission investments***
- ***Focusing on allocating costs of new lines***
- ***Designating corridors and pre-empting state siting law***

Needed Approach – <u>LSE generation choices:</u>

- ***Informed by consideration of more distant regional generation options***
- ***Enabled by the ability to rapidly access a more distant resource.***

DRAFT



WREZ Transmission Planning

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