

# Region 8 Modeling Issues

2010 EPA R/S/L Workshop

# Energy Development Issues

## Cumulative Impact Concerns of O&G Dvmt

- Recent wintertime O3 NAAQS exceedences, elevated PM2.5, AQRV issues.
- Continuing rapid development
- Lack of historical monitoring data

## CAMx Use for O3/PM in Large NEPA Projects

- Area source emissions dominate
- Performance poor for wintertime O3/PM
- Duplicative modeling efforts with many EISs
- AERMOD/Calpuff used for local & AQRV impacts for most NEPA projects

Submitted FEMs

Existing FEMs

Lower Priority New FEM

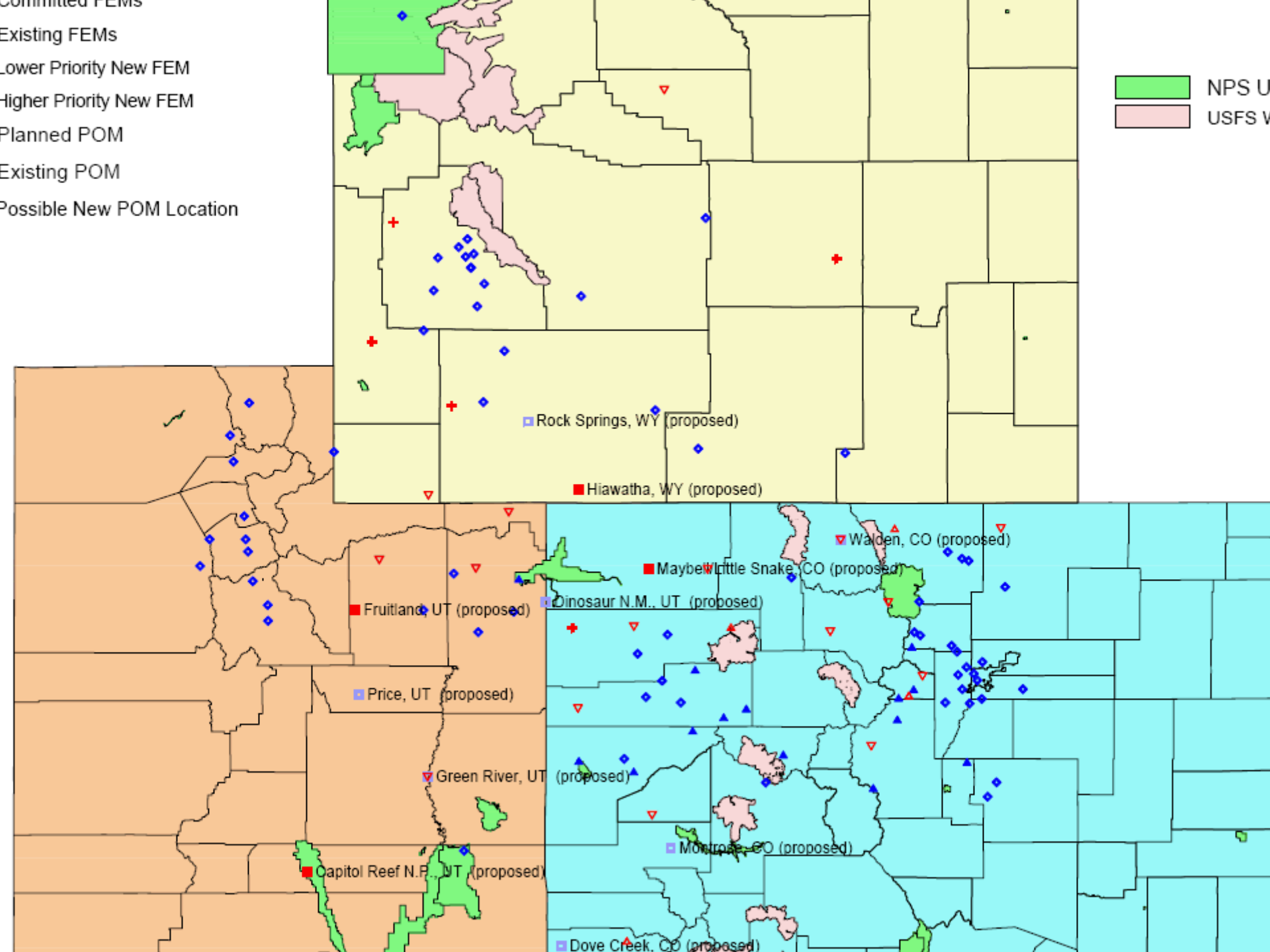
Higher Priority New FEM

Planned POM

Existing POM

Possible New POM Location

NPS U  
USFS V



# Energy Development Issues

- Common need for comprehensive AQ tools for NEPA, State AQ Planning
  - States, EPA, FLMs discussing data warehouse/modeling center concept
  - Program would include monitoring, data archive (EI,met,AQ data), modeling components
  - Funding from FLMs, EPA, States

# Energy Development Issues (Continued)

- Program would take some time to implement. Monitoring network expansion currently underway
- Interim NEPA air quality planning approaches being discussed with stakeholders

Permitting Issues related to new NO<sub>2</sub>  
NAAQS/PM surrogate policy