

Arizona Corporation Commission

Fifth Biennial Transmission Assessment Commission Decision 70635

**Workshop #2 on Transmission to Support
Renewable Energy Development**

**ARRTIS/RTTF/Finance/Overall
BTA Order Analysis Updates**

Amanda Ormond (Ormond Group LLC) and Greg Bernosky (APS)

John Lucas (APS)

Tom Wray (Southwestern Power Group)

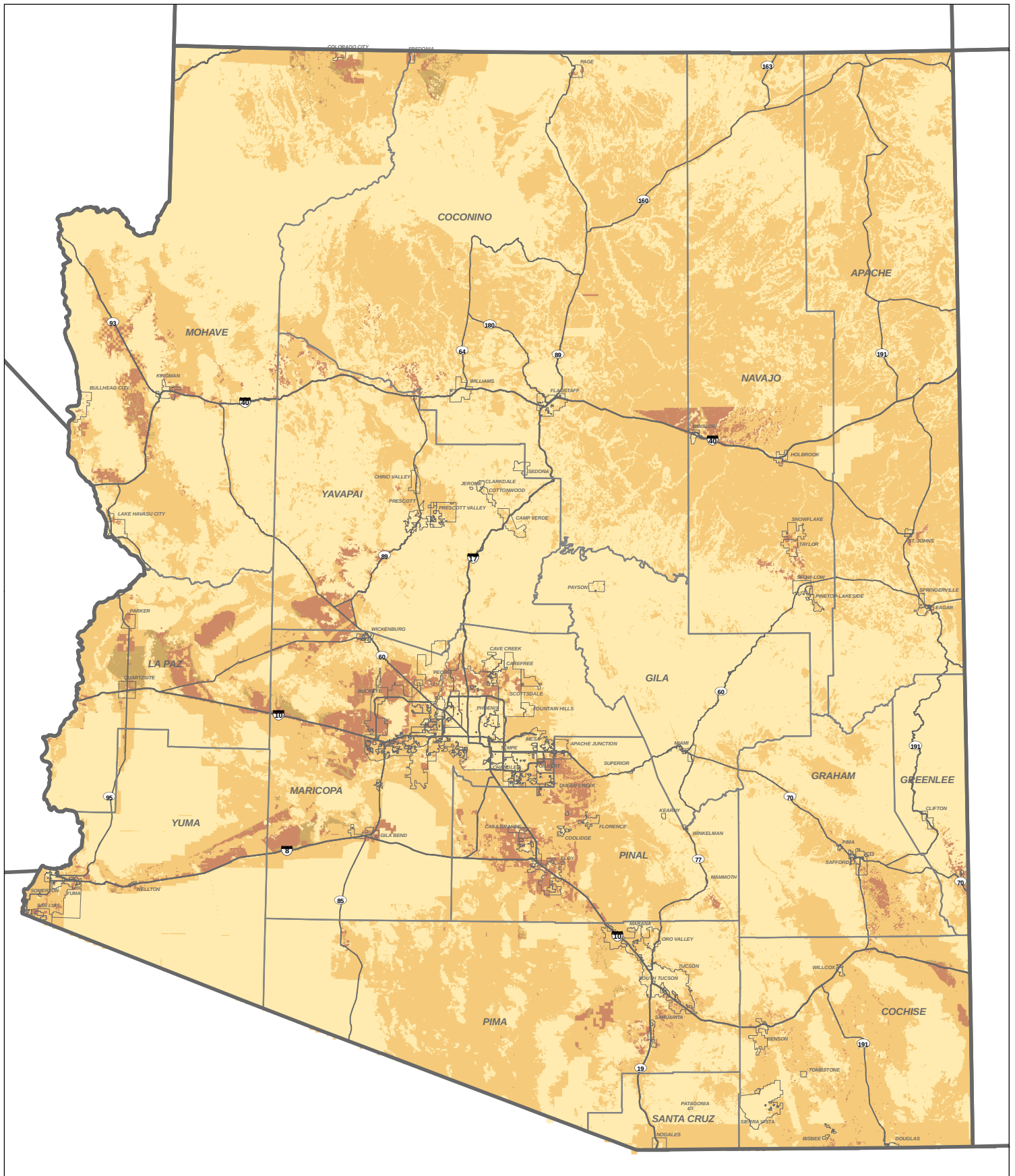
Brian Cole (APS)

June 5, 2009

Docket E-00000D-07-0376

ARRTIS Update

- Developments since April 20th Workshop:
 - Two additional meetings conducted
 - Completed resource data acquisition and categorization
 - Finalized resource sensitivity mapping
 - Developed existing transmission and federally-designated corridor overlays
 - Developed summary White Paper outline
 - Supported RTTF corridor identification efforts



ENVIRONMENTAL EXCLUSION AND SENSITIVITY AREAS

- Exclusion - Includes areas greater than 5% Slope
- High Sensitivity
- Moderate Sensitivity
- Low Sensitivity

GENERAL REFERENCE

- Interstate/Highway
- Major Road
- City Boundary
- County Boundary
- State Boundary

SOURCES

ASLD, AGFD, BLM, NREL, USFS, USFWS,
USGS, WREZ, EPG, 2009

ENVIRONMENTAL RESOURCE EXCLUSION AND SENSITIVITY AREAS

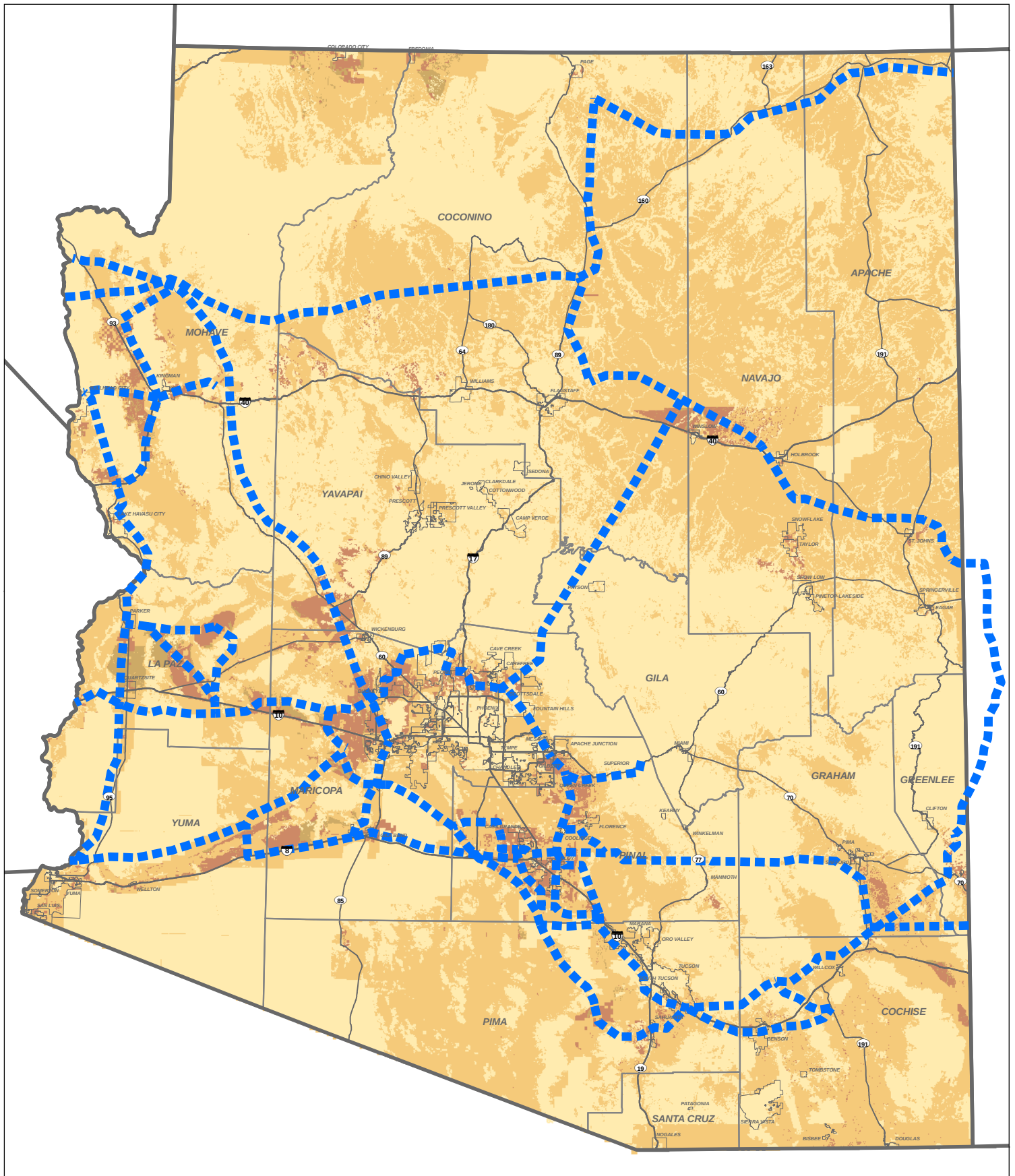
**ARRTIS - ARIZONA RENEWABLE RESOURCE AND
TRANSMISSION IDENTIFICATION SUBCOMMITTEE**

DRAFT: June 5, 2009



RTTF Update

- Developments since April 20th Workshop:
 - Two meetings conducted (May 12th and 22nd)
 - May 12th meeting
 - Attended by ~40 utility, developer, and agency representatives
 - Divided into three groups to develop state-wide renewable transmission options based on ARRTIS data, interconnection requests, etc.
 - May 22nd meeting
 - Assimilated options into a single set of potential renewable transmission corridors
 - Discussed next steps/technical flow studies, etc.



RTTF Proposed New Transmission/Upgrades

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PROPOSED RENEWABLE TRANSMISSION CORRIDORS

SWAT RTTF- SOUTHWEST AREA TRANSMISSION
RENEWABLE TRANSMISSION TASK FORCE

DRAFT: June 5, 2009



Utility Evaluation Process

