Scenarios Overview Planning Area Level Highlights pages 16-17

Public Workshop

California Water Plan, Update 2009

June 16th, 2009

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Hydrologic Region Scale Model

Uncertain Factors (X) and Scenarios	Management Actions (L) & Response Packages
Population Household factors Employment factors Irrigated Crop Area — 3 scenarios Temperature Precipitation — 12 Climate Sequences + historical	Current management (no response)
Model (R)	**Performance Measures (M)**
WEAP model by Hydrologic Region	Demand (historical climate) Demand (projected climate)

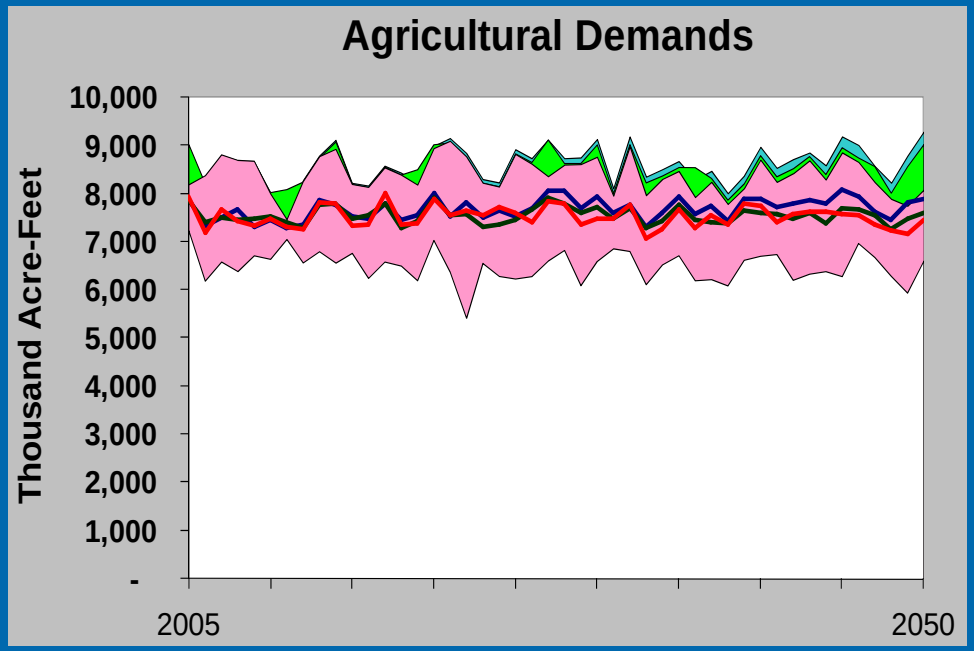
Planning Area Scale Model
Sacramento River and San Joaquin River HR's

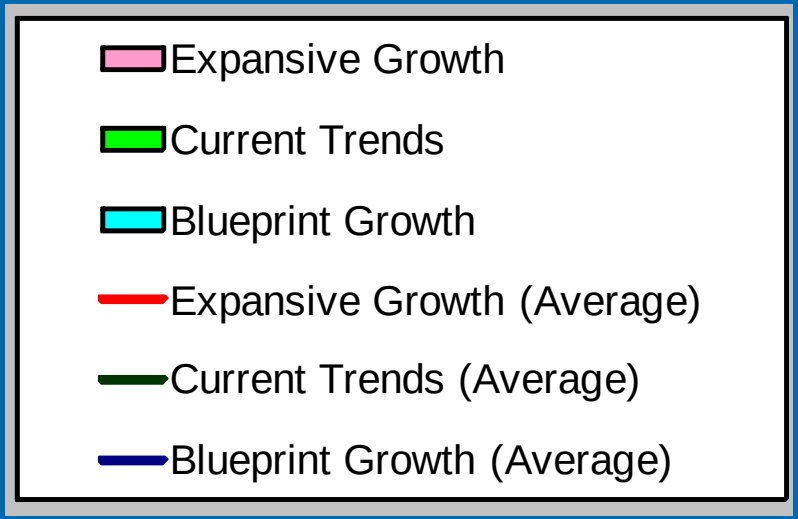
Uncertain Factors (X) and Scenarios*	Management Strategies (L) & Response Packages
Population Household factors Employment factors Irrigated crop area — 3 Scenarios Temp/Precip — 12 Climate sequences + Historical	Current management (no response) Expected management Themed response packages - High water use efficiency - Local resource development - Storage and conveyance
Model (R)	**Performance Measures (M)**
Planning Area WEAP model for SR and SJ Hydrologic Regions * PA Scenarios same as for HR (for now)	Demand by node Delivered supply by node Reliability - % of years with unmet demand by sector - unmet demand by node Environmental objectives - Fish flows (AFRP) (4) - Delta outflow - X2 position Operations - Storage volume for major dams (5) - Delta exports (Cal Aqueduct and Delta Mendota canals) Groundwater volumes "Cost" of response package implementation

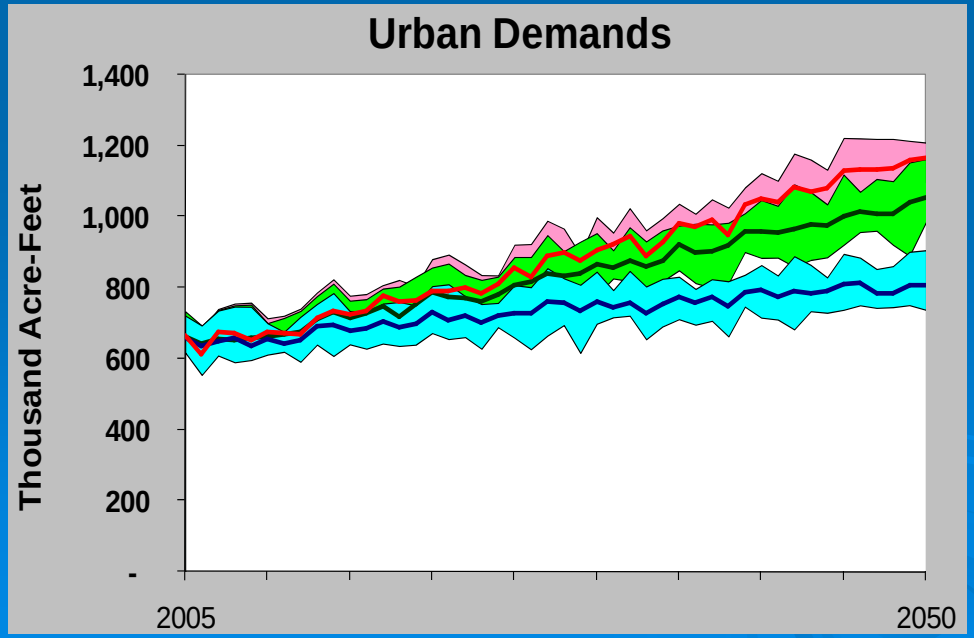
Presentation of Performance Measures

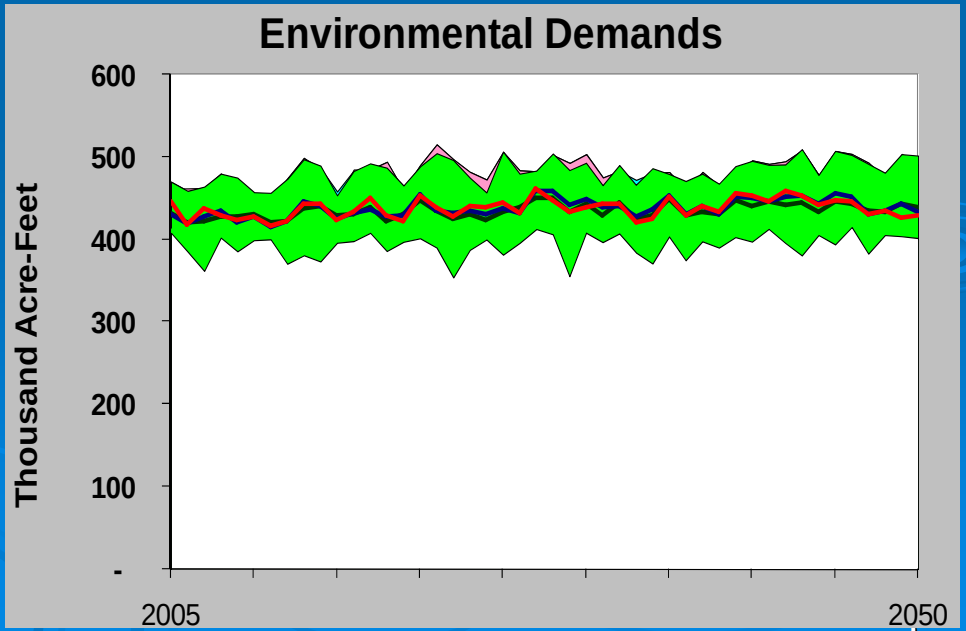
- Presented today for Sacramento River Hydrologic Region only
  - Sectoral demands
  - Supplies delivered
  - Unmet demands
  - Delta outflow
  - Carryover storage

Demands – Sacramento River HR

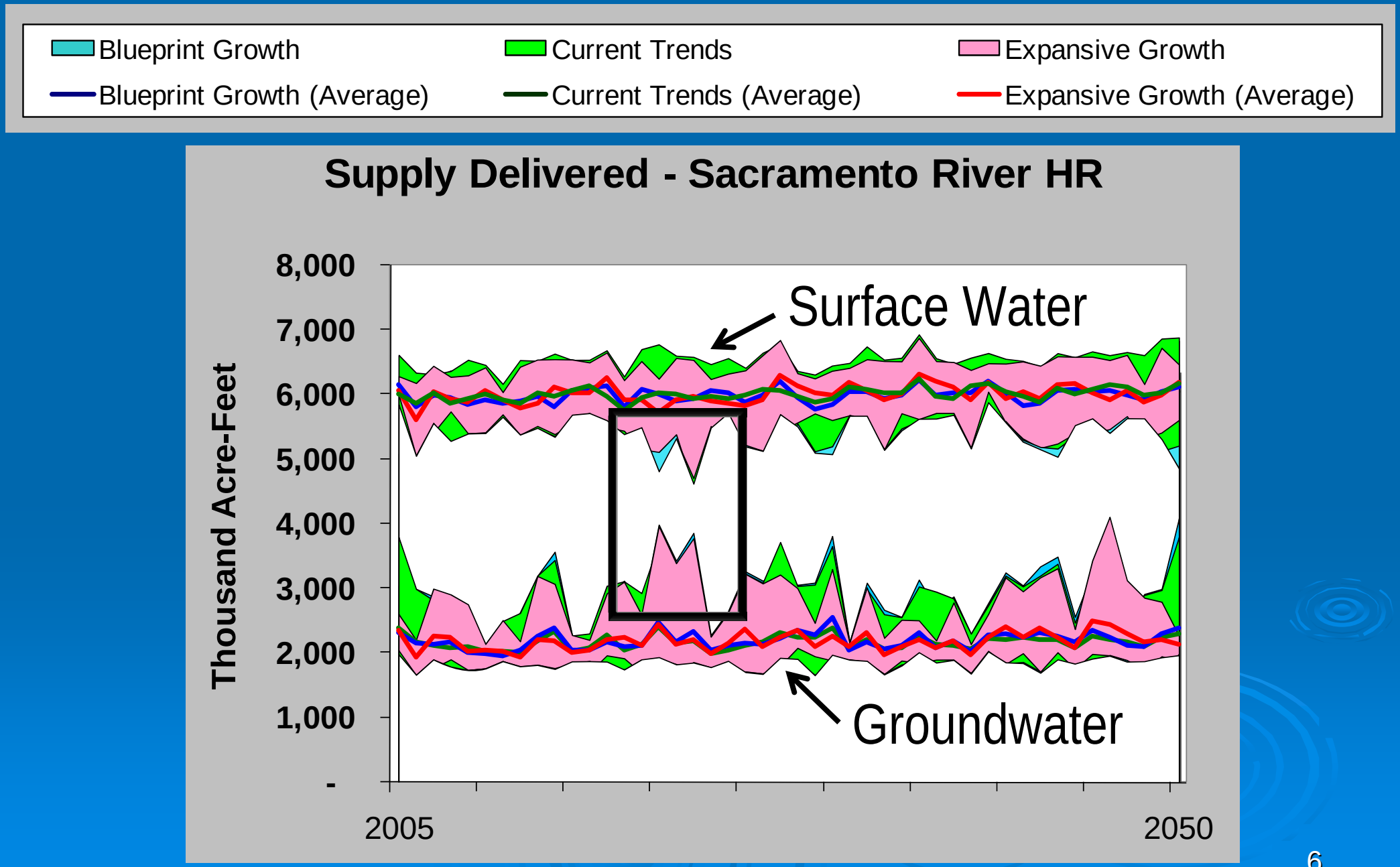




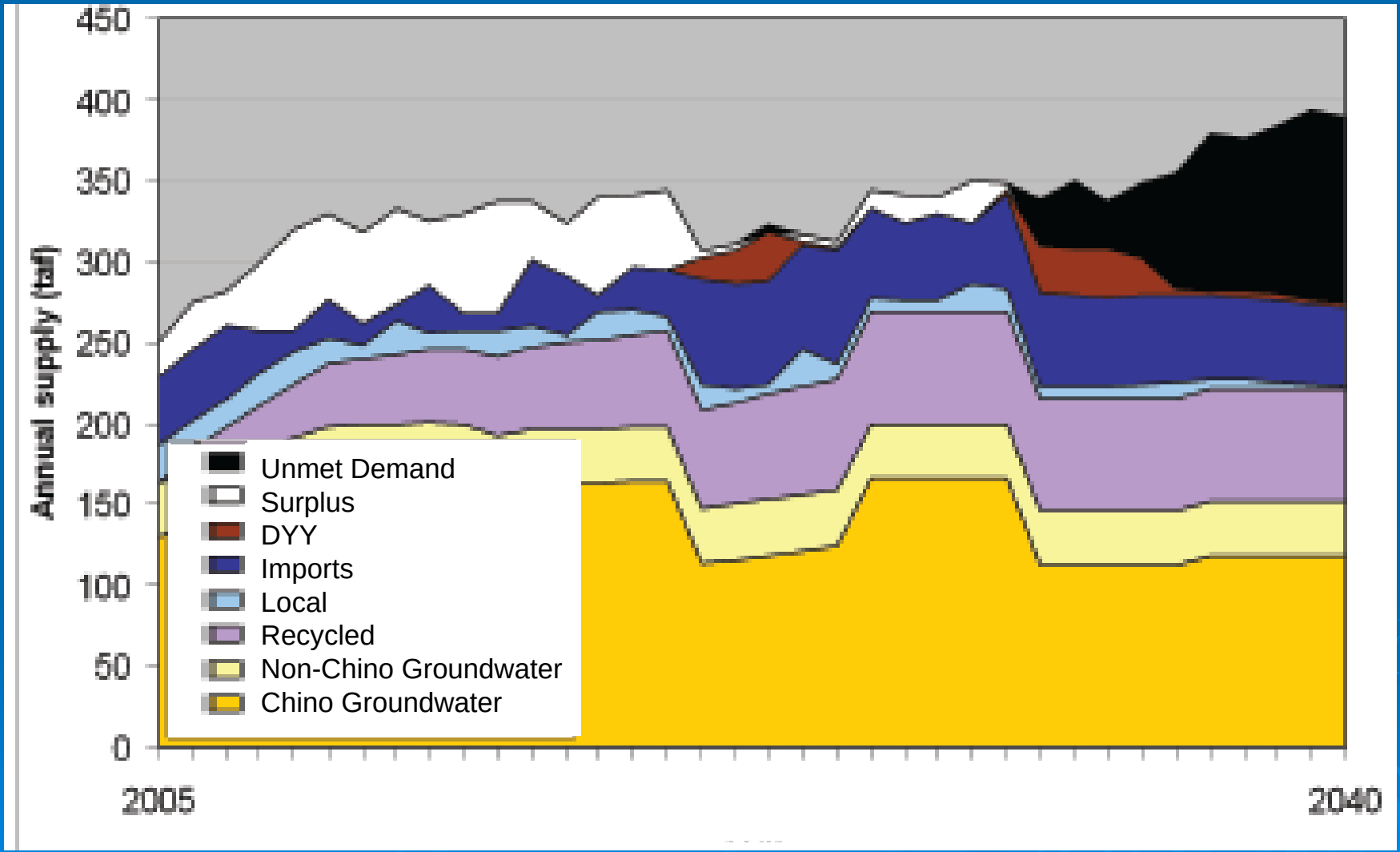




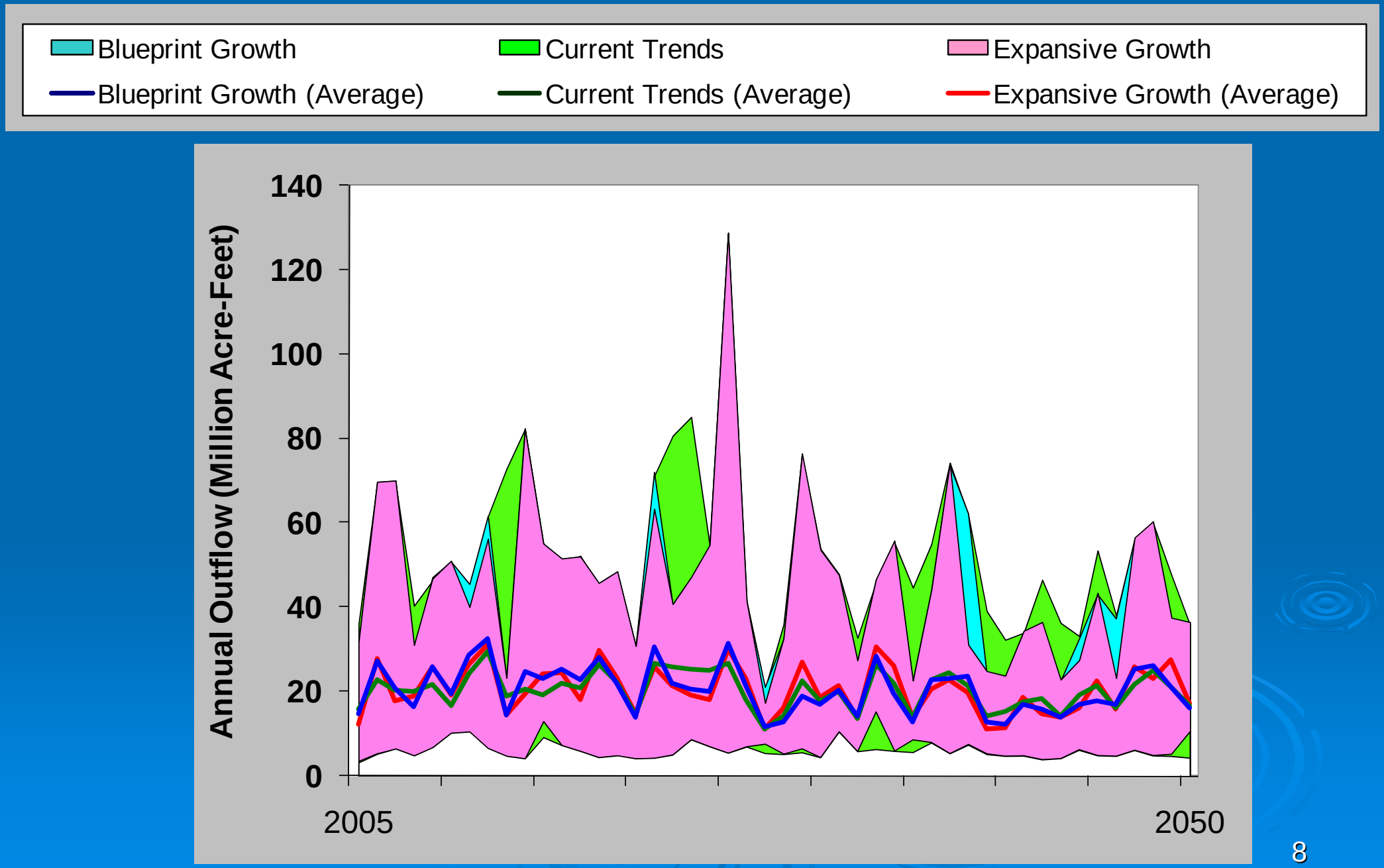
Supply Delivered – Sacramento River HR



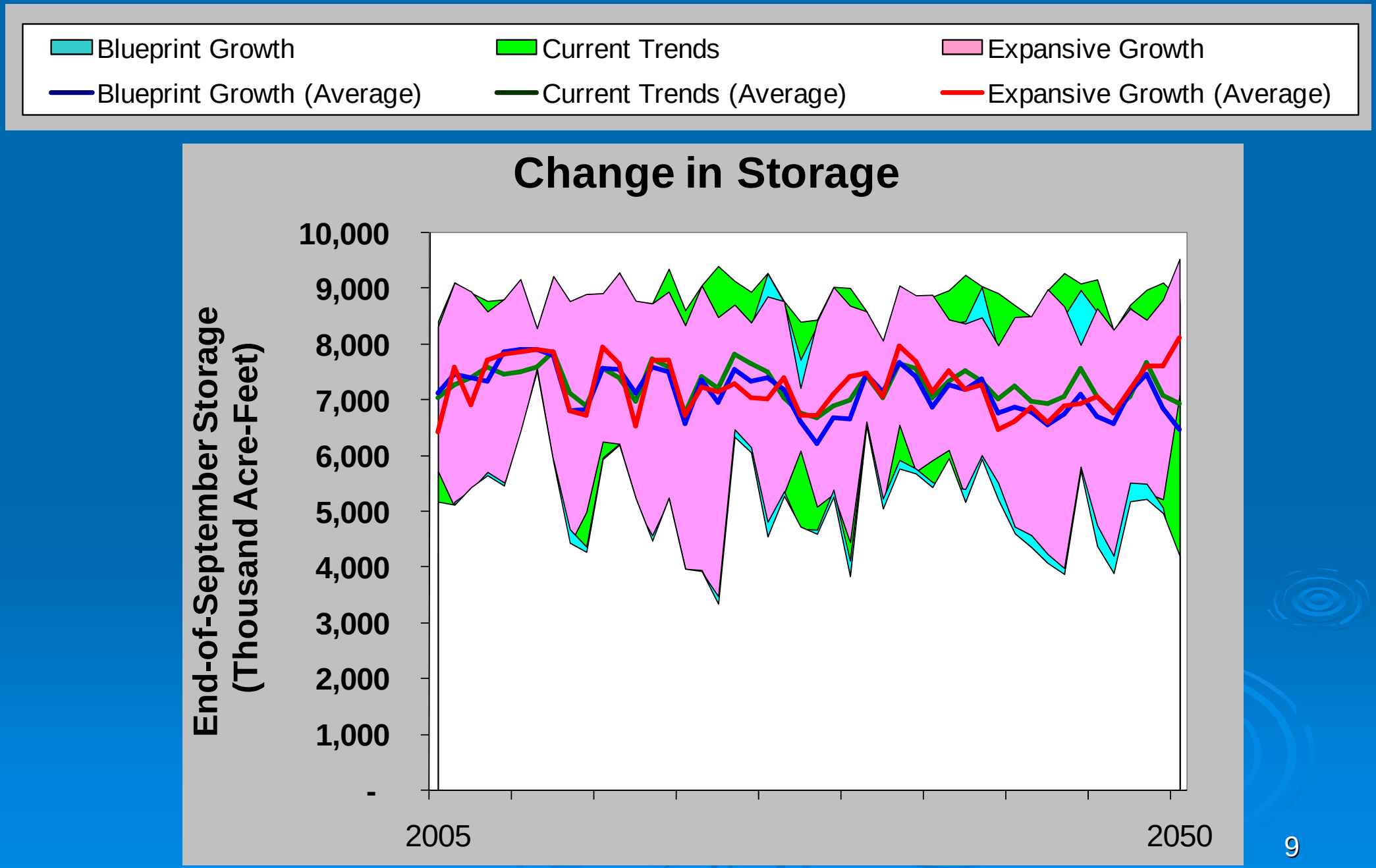
Unmet Demands



Delta Outflow



Carryover Storage - Sacramento River HR



Discussion

- Results
- Presentation of results