

Integrated Resources Planning Committee

Item #4d

Subject: Update on Member Agency Technical Process

Purpose: The purpose of this oral report is to provide the IRP committee with an update on activities and outcomes from the IRP Technical Workgroup process for July 2015

Integrated Resources Planning Committee

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This report provides an overview of the IRP member agency technical process activities for July 2015



Update on Member Agency Technical Process

Integrated Resources Planning Committee
Item 4d
July 28, 2015

Monthly IRP Technical Process Update

July 28, 2015

- Member Agency Workgroup Meetings June 24th and July 8th
 - Local Resources
- Water Use Efficiency Meeting July 16th
- Member Agency Workgroup Meeting July 22nd
 - Retail demands and conservation
- Upcoming Activities

Member Agency Workgroup

June 24, 2015 – Local Resources Part 1 of 2

- Review of technical modeling and assumptions
 - Recycling
 - Groundwater recovery
 - Seawater desalination
- Review of IRP Issue Paper Addendum input
 - Recycled water
 - Seawater desalination
 - Stormwater
 - Graywater
 - Synergy

Discussion Highlights

June 24, 2015 – Local Resources Part 1 of 2

- How is the local resources data provided used to develop forecasts?
 - Do you take into account the amount of source water available for recycling?
 - How do you apply hydrology impacts to the different supplies?
- Will the IRP Issue Paper Addendum touch on Metropolitan's role in local resources?
- Will the IRP Issue Paper Addendum look at cost profiles and rate impacts?

Member Agency Workgroup

July 8, 2015 – Local Resources Part 2 of 2

- Review of technical modeling and assumptions
 - Surface water
 - Los Angeles Aqueduct
- Review of IRP Issue Paper Addendum outline
- Review of local projects inventory
- Other local resource discussion topics
 - Foundational actions
 - Local resources and the WSAP
 - Water-energy nexus

Discussion Highlights

July 8, 2015 – Local Resources Part 2 of 2

- How do all of these changes translate into the availability of water for storage?
- Will you evaluate dry and wet year scenarios in addition to the averages you are showing?
- Questions posed to the agencies
 - Why is the current inventory of potential projects so much less than the 2010 IRP?
 - What would you like to see as far as next steps for Foundational Actions?
 - Does the treatment of local supply development in the WSAP affect IRP targets or policies?

Water Use Efficiency Meeting

July 16, 2015

- Draft conservation modeling results
- Review of IRP Issue Paper Addendum outline
- Discussion of primary issues
 - Where do you come up with your device savings factors?
 - Will you look at scenarios with continued active conservation spending?
 - Will you look at new ways to structure programs in the future?
 - Will you be doing research on market transformation?

Member Agency Workgroup

July 22, 2015 – Retail Demands and Conservation

- New retail demand model development
- Retail demand forecast methodology
 - Changes in demographics
 - Conservation savings
 - Demand forecast
- IRP Issue Paper Addendum input from the WUE Meetings
- Discussion of primary issues

Discussion Highlights

July 22, 2015 – Retail Demands and Conservation

- Did you create separate models for each member agency?
- How did you control for the impacts of weather?
- Why do use the median tier rate as a measure of price?
- What other drivers did you consider in developing the models?
- How do you avoid double counting active and code-based savings?

Upcoming Technical Process Activities

August 2015

- Member Agency Workgroup August 3rd
- IRP Committee Meeting August 18th
 - California Water Fix and the IRP
 - Technical Process Draft Results
 - Local supply forecasts by type
 - Retail demand and conservation forecasts
 - Imported supply forecasts
 - Supply/demand/storage balances
 - Update on IRP Outreach

Upcoming Technical Process Activities

September 2015

- Member Agency Workgroup September 9th
- IRP Committee Meeting September 22nd
 - Technical Process Draft Results
 - Supply/demand/storage scenarios
 - Potential resource development targets
 - Update on IRP Outreach

Upcoming Technical Process Activities

October 2015

- Member Agency Workgroup October 5th
- IRP Public Outreach Workshop October 20th
- IRP Committee Meeting October 27th
 - Update on IRP outreach
 - IRP Issue Paper Addendum
 - Inventory of policy issues
 - Approach for “IRP Phase 2” Board process

