

Presentation # 4

Water Use Target Method 4 to be developed by DWR

DWR has been tasked by the Legislature to develop a 4th method to calculate urban retail water supplier water use targets. This method should identify per capita water use targets that cumulatively result in a statewide 20 percent reduction in urban water use by 2020. In developing the method DWR is to consider the following factors:

- Climatic differences
- Population differences
- Provide flexibility to communities and regions in their targets
- Different levels of per capita water use according to plant water needs in different regions
- Different levels of commercial, industrial and institutional water use in different regions of the state
- Avoid placing an undue hardship on communities that have implemented conservation measures or taken actions to keep per capita water use low

Questions/Issues

What factors should DWR use in developing this method?

How should DWR balance the factors that have to be considered in developing the method?

Project Scope

Section 10608.20(b)(4) of the Water Code requires DWR as follows

A method that shall be identified and developed by the department, through a public process, and reported to the Legislature no later than December 31, 2010. The method developed by the department shall identify per capita targets that cumulatively result in a statewide 20-percent reduction in urban daily per capita water use by December 31, 2020. In developing urban daily per capita water use targets, the department shall do all of the following:

- (A) Consider Climatic Differences within the state.*
 - (B) Consider population density differences within the state.*
 - (C) Provide flexibility to communities and regions in meeting targets.*
 - (D) Consider different levels of per capita water use according to plant water needs in different regions.*
 - (E) Consider different levels of commercial, industrial, and institutional water use in different regions of the state.*
 - (F) Avoid placing an undue hardship on communities that have implemented conservation measures or taken actions to keep per capita water use low.*
- (d) The department shall update the method described in paragraph (4) of subdivision (b) and report to the Legislature by December 31, 2014. An urban retail water supplier that adopted the method described in paragraph (4) of subdivision (b) may adopt a new urban daily per capita water use target pursuant to this updated method.*
- (e) An urban retail water supplier shall include in its urban water management plan required pursuant to Part 2.6 (commencing with Section 10610) due in 2010 the baseline daily per capita water use, urban water use target, interim urban water use target, and compliance daily per capita water use, along with the bases for determining those estimates, including references to supporting data.*
- (f) When calculating per capita values for the purposes of this chapter, an urban retail water supplier shall determine population using federal, state, and local population reports and projections.*
- (g) An urban retail water supplier may update its 2020 urban water use target in its 2015 urban water management plan required pursuant to Part 2.6 (commencing with Section 10610).*