

## Independent Technical Panel on Demand Management Measures

### Draft Recommendation: Distribution System Water Loss Reporting in UWMPs

*Potential addition to Section 10631(e) of the Water Code regarding Contents of Urban Water Management Plans, a new subsection that requires distribution system water loss reporting to be included in Urban Water Management Plans.*

*Straw proposal discussed and approved in concept at the September 27, 2013 ITP meeting.*

The Independent Technical Panel on Demand Management Measures (ITP) recommends that the Legislature revise the Urban Water Management Planning Act to require urban water suppliers in updating their urban water management plans (UWMPs) to include annual estimates of distribution system water loss.

Currently urban water suppliers are required to report on past and current water use, as well as projected water use, among the various water use sectors. This recommendation would add distribution system water loss as a new water use sector, in addition to the existing list of nine sectors. For the 2015 UWMP updates, urban water suppliers would only be required to provide distribution system water loss estimates for at least one year prior to 2015. All subsequent UWMPs would be required to provide distribution system water loss estimates for the five year increments preceding the plan update.

To ensure consistency in reporting, the California Department of Water Resources (DWR) should be directed to develop guidelines for the estimation of distribution system water loss. In developing the guidelines, DWR would require reporting of water loss audits based on the methodology developed by the American Water Works Association (AWWA). Water suppliers in reporting on water loss should be required to use the DWR guidelines and report audit outcomes using worksheets from the AWWA method.

**Suggested statutory language:** Modify Section 10631(e) of the Water Code with the addition of a new subsection (1)(I) and new subsection (3), as shown in underlined and italicized text below:

10631 (e) (1). Quantify, to the extent records are available, past and current water use, over the same five-year increments described in subdivision (a), and projected water use, identifying the uses among water use sectors, including, but not necessarily limited to, all of the following uses:

- (A) Single-family residential.
- (B) Multifamily.

**Comment [acf1]:** Should we suggest statutory language?

**Comment [acf2]:** "CUWCC" was struck according to my notes from the meeting

- (C) Commercial.
- (D) Industrial.
- (E) Institutional and governmental.
- (F) Landscape.
- (G) Sales to other agencies.
- (H) Saline water intrusion barriers, groundwater recharge, or conjunctive use, or any combination thereof.

(I) Agricultural.

(J) Distribution system water loss.

(2) The water use projections shall be in the same five-year increments described in subdivision (a).

(3) For the year 2015 Urban Water Management Plan update, the distribution system water loss shall be quantified for a minimum period of one year prior to 2015. For all subsequent updates, the distribution system water loss shall be quantified in the same five-year increments described in subdivision (a).