



## **AWE Tracking Tool Notable Changes from Version 2.0 to 3.0**

The Tracking Tool was updated from Version 2.0 to 3.0 and includes, but is not limited to, the following changes:

1. The Tracking Tool has a fresh new look with an updated color scheme and new graphics. Worksheets have been reorganized for an improved user experience.
2. New charts have been added and existing charts have been redesigned.
3. The forecast period was shortened to 35 years.
4. The plumbing fixture and appliance standard worksheets have been updated. Models to estimate savings resulting from clothes washer and dishwasher standards have been updated to reflect changes in federal efficiency requirements.
5. There used to be separate Tracking Tool files for California, Georgia, and Texas due to the unique plumbing standards in those states. For Version 3.0 these were consolidated into one file. Users can select their state from a convenient dropdown menu on the *Common Assumptions* worksheet. Colorado was also added to account for its recent plumbing standard changes.
6. The demand adjustment for plumbing/appliance standards is shown on the *Specify Demands* worksheet. This was previously hidden from view, but was accessible.
7. Users have new options to characterize landscape water use.
8. Costs for the landscape measures that are dependent on landscape size, like turf replacement, have been updated and are now calculated based on user inputs.
9. Savings estimates for clothes washer and landscape measures have been updated in the activity library.
10. A utility scale program can now be used to incorporate a water loss measure.
11. The User Guide now contains guidance on how to enter a water loss control activity into the Tracking Tool in coordination with use of the Water Research Foundation's Leakage Component Analysis Model.

12. The Tracking Tool's metric volume unit was changed from million cubic meters to megaliters.
13. The Tracking Tool no longer converts user entered data if the user starts entering data in one unit (such as Acre-Feet) and then midway decides to select a different unit (such as Million Gallons).
14. The User Guide contains guidance on transferring data from Version 2.0 to Version 3.0. There were enough significant changes to prohibit an import function.
15. Greenhouse Gas Reductions are now displayed in charts as a CO<sub>2</sub> Equivalent.
16. eGRID emission factors were updated to 2012 values which are the most recent available as of the Version 3.0 release.
17. Previously hidden (but accessible) worksheets have been revealed.
18. Tracking Tool users now provide a forecast of customer accounts, which allows the proportion of accounts among customer classes to change over time.
19. Tracking Tool users now provides a forecast of baseline demand by customer class, which allows baseline use per account to change differently over time for different customer classes. In version 2.0, a percentage change in baseline use per account over time was the same for all customer classes.
20. Program costs for the library of built in measure were updated to 2014 dollars.