

Suggestion for Gaming Studies

Getting past the b(2) Impass

1. Suggest simply assume b(2) allotment each year is made up by upstream AFRP requirements, CVP share of WQCP including VAMP flows and export reductions.
2. Assume 0 to 400 TAF of b(2) water would be left for EWA actions depending on how b(2) accounting is finally decided.
3. Complete Game 1A as a water supply game under these assumptions – assess the amount of water supply derived from early Stage 1 assets – evaluate the effectiveness of these assets - assess short comings for fish – list of needed actions not covered by upstream AFRP and VAMP – recognizing that some of these might be accomplished with some extra b(2) assets.
4. Complete Game 1B under the above Game 1A assumptions – assess the amount of water supply derived from late Stage 1 assets – evaluate the effectiveness of the new assets in providing new water supply – assess short comings for fish with new water supply infrastructure – list of needed actions under new infrastructure - recognizing again that some of these might be accomplished with some of the extra b(2) assets.
5. Proceed to evaluate Games 2, 3, and 4.

DWRSIM and DAILY OPS Model Differences: completing Game 1 involves DAILY OPS and DWRSIM Monthly PC model working together to provide daily flows, exports, deliveries, and reservoir levels under 1A and 1B conditions.

- Complete 1A and 1B under the above b(2) assumptions without any additional fish actions (this could be accomplished without the fish team present) – A report could be written on the final 1A/1B DWRSIM/DAILYOPS evaluation of water supply generated with new assets under the b(2) assumptions described above. A companion report could be written describing the degree of fish protections achieved and the list of additional fish actions needed to provide assurances.
- We could end this effort at the present point having finished 1A 1981 and 1982, assuming that the dry year and wet year are representative of the kinds of biases present in the two models and simply accept the predictions of the two models without further gaming evaluation.