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**From:** Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>  
**Sent:** Wednesday, November 1, 2017 11:16 AM  
**To:** Garwin Yip - NOAA Federal  
**Subject:** Fwd: some key messages re: Shasta RPA adjustment from earlier Costa briefing doc

oops -- meant to change background to yellow to highlight; changed text color by mistake. Fixed below. Didn't resent to Maria and Cathy - think is on us today! These bullets came from an old briefing and covered most of Maria's messaging points (the last one gets to the "predictability" angle; thought maybe we can put "predicatability" in explicitly.

----- Forwarded message -----

From: **Barbara Byrne - NOAA Federal** <[barbara.byrne@noaa.gov](mailto:barbara.byrne@noaa.gov)>  
Date: Wed, Nov 1, 2017 at 10:57 AM  
Subject: some key messages re: Shasta RPA adjustment from earlier Costa briefing doc  
To: Maria Rea <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)>, Cathy Marcinkevage <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)>, Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>

### **Shasta RPA Adjustment**

- Due to effects of drought on winter-run, and new science on temperature effects, we proposed an RPA adjustment in January, and we reached agreement with Reclamation to implement a pilot program this year. Reclamation also agreed to model the system-wide impact of our proposal.
- Our proposal is intended to use the best available science regarding temperature effects to provide for necessary minimum habitat needs for fish, and **also to create new flexibilities** for Reclamation by:
  - Moving the temperature compliance point significantly upstream
  - Providing a range of objectives to be met in different water year types which is more realistic than the existing RPA, and
  - Creating efficiencies in the February forecast and temperature planning processes to expedite decision-making.
- We and Reclamation laid out a process for four stakeholder workshops; three of those workshops have been held. The fourth and final workshop is scheduled for the afternoon of 9/21/17 and will discuss 2017 pilot results and present system-wide modeling results.
- We have received a lot of valuable feedback at these workshops, and are considering input as we move through the year.
- The pilot program is being implemented now: Sacramento River temperatures for winter-run are meeting the RPA target [56 degrees daily average at Balls Ferry (25 miles downstream of Keswick Dam)] and the pilot study target [53 degrees daily average at the Clear Creek gage, "CCR" (10 miles downstream of Keswick Dam)].
- Suitable water temps are expected to be maintained through October, which will cover the emergence of most winter-run fry.
- We will be working closely with Reclamation and continuing to communicate with water districts directly about our proposed adjustment, prior to making any final decision.

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Barb Byrne

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