

Howard Brown - NOAA Federal

From: Howard Brown - NOAA Federal
Sent: Wednesday, May 22, 2019 3:49 PM
To: Barry Thom
Cc: Maria Rea
Subject: ROC Tuesday Update

Barry, We met with Reclamation today from 9-4 to work through their Shasta comments. Similar to yesterday we focused on the comments regarding characterization of the action and the uncertainties and assumptions applied to the analysis. Lots of good progress today but we probably did not get through all of the comments Reclamation wanted to cover and they probably feel they will need more of our time on Shasta and more of our time next week. The main topical areas we focused on today include:

1. Building Storage - Reclamation provided the historic flow analysis that we requested last week and we focused the conversations on real time decision processes and actions that will be applied to build storage. Very helpful conversations that we will apply to strengthen the way the proposed action is characterized.
2. Temperature Data Sources - Good discussion and agreement for NMFS to provide a more robust explanation of how we considered other water temperature data studies, sources and/or criteria that led to us landing on 2003 EPA criteria as the Best Available Science.
3. Uncertainty and Assumptions - More good discussion and agreement to make some significant modifications to the Uncertainties and Assumptions we described in the analysis. We agreed to reframe assumptions that Reclamation felt portrayed a lack of trust. Reclamation to provide clarifications about COA and managing Trinity and Folsom releases with consideration of Shasta storage and temps in mind.
4. Characterization of the RPA in the COS modeling and how we discussed it in the analysis - This was a major concern in their comments. Reclamation provided helpful insight as to how the current RPA was incorporated into the CALSIM modeling, focusing on the limitations how the model creates shortages on water supply based on water supply, including forecasts and inflow.
5. Commitment to Cold Water Management Tiers - Continued discussion about discretionary actions Reclamation could take to maintain tiers. Agreed that we will need to have further conversations.
6. Sacramento River Settlement Contractors - Reclamation felt that we were singling them out and recommend that we discuss all water demands and obligations with balance. We agreed to look at that more closely.
7. Appreciable - We removed use of this word from the effects analysis. It was used once; once too many times!
8. Non-flow measures - Continued discussion and interest from Reclamation to recognize and give credit. No disagreement from us.

Tomorrow, we will be meeting to discuss Delta and Shasta performance measures. Based on some of the conversation over the past 2 days, I expect the performance measure discussions are going to be very difficult.

Howard

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