

March 5, 2019

ERC in LTD
Meeting notes

When input NOD
distribution demands?

Shauna Elements - Peggy Manza explaining allocation process:

- impaired inflow ~~status~~, Folsom, NM → process data. All go in a room, start w/ month "one" - is the current month Reservoir. Factors, D-1641, Patching, canyon deep, salinity. What are current releases, Anteviran cur. monthly - if in flood control - fish requirements are assumed.
- April: pulse flow. - 30 day pulse. lets say not in flood control.
- 1500 cfs - restrictions
- warm up / sr water rights holders start taking water. assumptions in accretion/depletion column. #s come from DWR. All tributaries other than that + Folsom.
- Wilkins slough flow - another "requirement" - because it was a requirement, then water user puts pipe in at that level. Below 4000 is a problem let's try to meet 4500 or 5000. No longer a requirement.
- Do we need more than 4000 for temp. control. No specific temperature #s.
- opened whole project to balance all process.
- may - exactly in same. Need to meet "increasing demands" Wilkins slough more of an issue.
- Have a "black box" accretion/depletion - embedded in true assumption higher + lower - based on historic observed accretions are the weakest link in the data.
- Black box can't be further modelled...
- Not a repeatable process.
- Derek - you could change looking at depletions over time.
- Allocation N.O.D, is not explicitly in forecast of this model.

• then go to tier 2.

• then to tier 3.

• pull from Trinity to support Shasta up to the Trinity ROD. a long-term average. Don't want to pull TR to support 53.5. NOT fair to the Trinity River to pull down to 600K.

• ~~From~~ NAD allocations:

Jeff R. middle years: - operate CVP "to within degree"

• 450K max Ag source contracts - NAD

• Folsom: 313 } max contract for whole year.
181 } historic use (or average)

• Fall - movement - COA. Some COA constraints. May get better. "striped bass payback concept" ??

Proposing to make decisions on teams in real-time - each river is isolated in decision making.

Q7: "10% or less."

Fall decision - what metric?

4.1 → initial trigger.

Q3 ← use rule of thumb. Make sure above 4 MAF.

4.1 MAF.

ROThumb 3.8 or 3.9 → can meet 53.5 at CLR. (I'm not sure this is right)

4.1 → is needed to meet SP flow

253 → put back in March.

If other doesn't drop below 3.9

April 1st → verify that can support pulse flow with ability to implement tier 1 temperatures.

Spring pulse - 100-150 TAF.

5 days.