March 5, 2019 Rec on LTO
Meeting notes

When input NOD
[illegible] demands?

Shasta Elements - Peggy Manza explaining allocations process:

- impaired inflow ~~Shasta~~, Folsom, NM →
  process data. All go in a room.
  Start w/ month "one" - is the current month
  Reservoir. Inflows,
  D-1641, Pit Chicago, canyon days, salinity.
  What are current releases, American river.
  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 Shasta + Feather.
- Wilkins slough flow - another "requirement" - because
  it was a requirement, then water user puts
  pipes in at that ~~[illegible]~~ level. Below 4000 is a problem
  Lets try to meet 4500 or 5000. No longer a
  requirement.
  Do we need more than 4000 for temp. control. No specific
  temperature #'s.
- operated 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 at
  this point.

• 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.
• ~~[illegible]~~ NOD allocations:
Jeff R: • middle years: – operate "up to certain degree"
•
• 450K max Ag service contracts – NOD
• Folsom : 313 } max contract } for whole year
181 } historic use (on 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.
Q.3 use rule of thumb. Make sure above 4 MAF.
4.1 MAF.
RO Thumb 3.8 or 3.9 → can meet 53.5 at CCR. (I'm not sure this is right)
4.1. → is needed to meet SP flow
I53. → put back in march.
If storage 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.