Recommendations Implementation

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Presentation Outline

- **Recommendation handout**
- **Previously initiated work (4 Recommendations)**
- **Priority recommendations (8 Recommendations)**
- **Dependent recommendations (2 Recommendations)**
- **Technical working group involvement**

Previously Initiated Work

- **Avoid hedging with uniform release factor (ROMS model)**
  - **Acknowledged**

- **Yellowtail daily timestep model (RiverWare)**
  - **2019 parallel testing**
  - **Targeting January 2020 adoption**

- **Statistical forecast improvements (PyForecast)**
  - **2019 beta testing**
  - **2020 parallel testing**
  - **2021 adoption**

- **Enhanced resolution snowmelt runoff modeling**
  - **Reclamation Science and Technology Project (2020 Finish)**

Priority Recommendations

- **Model and evaluate low flow rules**
  - **Step 1 - October 2019 start, targeting March 2020 review completion (GPRO)**
- **Examine frequency of elevation targeting**
  - **Summer 2019 start, December 2019 finish (MTAO)**
- **Rule curve updates**
  - **Remove encroachment into flood pool; Summer 2020 start, December 2020 finish (MTAO)**
  - **Higher inflow volume rule curve; Summer 2020 start, December 2020 finish (MTAO)**
  - **Define relationship between flood pool and releases; Summer 2020 Start, December 2020 finish (MTAO or GPRO)**

Priority Recommendations (cont)

- **Examine skill of forecast components**
  - **Summer 2020 start, December 2020 finish (GPRO, WYAO & MTAO)**
- **Implement basin wide operations model (RiverWare)**
  - **Ongoing work on individual models, WY2022 target for adoption**
- **Evaluate skill of NWS and other ensemble forecasts**
  - **TBD**

Dependent Recommendations

- **Incorporate ensemble forecasts**
    - **TBD – Dependent on evaluation of ensembles and basin wide model**

- **Examine variable drawdown timing**
    - **TBD – Dependent on evaluation of ensembles and basin wide model**

Technical Working Group Involvement

- **Commitment**
    - **Maintain engagement of the Technical Working Group**
    - **Review results of parallel/beta testing**
    - **Coordinate plan for full adoption**
    - **Present at semi-annual Issues Group/Operations meetings**

Questions?