

## Games Completed

Game	Stage	1 Account	Baseline
1	Middle	G/G	Accord + Upstream and in-Delta AFRP
2	End	G/G	Accord + Upstream and in-Delta AFRP
3	End	Credit	Accord + Upstream and in-Delta AFRP
4	Start	G/G	Accord + Upstream and in-Delta AFRP
5	Start	G/G	Accord + Upstream No in-Delta AFRP



## Proposed Games

Game	Stage	1 Years	Baseline
6	End	91-95	Accord + Upstream AFRP Water Users Game
7	Start	99-00	Accord + Upstream and in-Delta AFRP
8	End	81-95	Accord + Upstream and in-Delta AFRP
9...?	Start	81-95	Negotiations



# Game 6

---

- 10,300 cfs Banks + JPOD
- GW: Semitropic, Gravelly Ford, Kern, 200 TAF each
- In-Delta Storage: Webb, Bacon-Victoria-Woodward with connection
- Unlimited water purchase
- Vary In-Delta AFRP
- Vary E/I
- Vary X2 when outflow below 20,000 cfs
- EWA runs projects: Biological decisions made by consensus of agencies/stakeholders: final decision by agencies



# Early Stage 1 Assets Games 4 & 5

---

- South Delta Program - 8,500 cfs, Temporary barriers in.
- JPOD
- E/I, In-Delta AFRP Variances
- Ground Water (400 TAF; 40 TAF/Mo. in-out)
- Shasta Enlargement (50 TAF)
- Water Purchase (NOD, SOD, spot market) -- \$40m/yr.
- San Luis Storage Borrowing
- Unused System Capacities
- Demand Shifting (100 TAF/yr)



# **Late Stage 1 Assets**

## **Game 2**

---

- Expanded Banks - 10,300 cfs
- JPOD
- E/I, In-Delta AFRP Variances
- Ground Water (600 TAF; 60 TAF/Mo. in-out)
- Shasta Enlargement (50 TAF)
- Webb Tract Storage (120 TAF, 2,000 cfs. in-out)
- Bacon+ Storage/Connected (200 TAF, 4,000 cfs in; 2,000 cfs. out)
- ET Reductions on Delta Islands (60TAF / year)
- Water Purchase (NOD, SOD, spot market) -- \$30m/yr.
- San Luis Storage Borrowing
- Unused System Capacities
- Demand Shifting (100 TAF/yr)



# **Essential EWA Assets**

---

- A monetary account for water purchases
  - \$40M to \$50M at start of Stage 1- \$20M to \$30M at end of Stage 1
- Ability to purchase and transfer water at a reasonable cost and at needed times
  - Up to 100 TAF Sacramento River System
  - Up to 150 TAF San Joaquin River System
  - Up to 250 TAF in Export Areas
- Ability to Vary Standards
- Adequately screened project water diversion intakes in south Delta
- JPOD with no State and federal sublimits



# *Essential EWA Assets*

## *(con't)*

---

- **Access to storage upstream and south of Delta and Delta Islands**
  - Utilize available storage in existing reservoirs; **San Luis is key** with other SWP and CVP storage.
  - Late in Stage 1 need storage closer to export pumps for flexibility. Wedd Tract and Bacon/others Islands with a direct connection to bacon and CCF
- **Increased permitted export capacity**
  - Increased Banks 8,500 cfs pumping window In early Stage 1.
  - Expand Banks permitted capacity to 10,300 cfs by end of Stage 1
- **Access groundwater**
  - At least 600 TAF in SOD area.
  - Facilities to increase recharge and extraction rates

