

**Hydropower Economics Questions** - Rick Johnson  
(TWG Meeting, April 8-9, 2008)

1. Basin Fund

- a. What is the law and policy that directs management of the Basin Fund?
- b. Who makes the decisions?
- c. Is it possible for the Basin Fund to default? If so, what happens to the various programs funded by the Basin Fund?
- d. What happens to the Basin Fund once the dam, transmission lines, etc., are repayed?
- e. What are the (actual or projected) sources of income for the Basin Fund in WY2007 and 2008?
- f. Are all revenues generated by CRSP facilities in the Basin Fund?
- g. What are the (actual or projected) expenditures for the Basin Fund in WY2007 and 2008? How is the money spent?
- h. What reports regarding income and expenses are available?
- i. Has the Basin Fund been audited?

2. Reallocation of costs

- a. How were the costs of construction, operation, maintenance, replacement and emergency expenditures for Glen Canyon Dam initially allocated and then reallocated following passage of the GCPA (see Section 1804(e) "Allocations of Costs")
- b. Have there been any other reallocations of costs?

3. Replacement Resources Report

- a. What is the upshot of the 1998 Replacement Resources Report?
- b. Are the conclusions still applicable today?

4. WAPA's rates/contracts

- a. Please clarify how WAPA contracts for power (i.e., distinguish between capacity, energy, and composite rate).
- b. How does season and time of day affect rates charged by WAPA?
- c. What percentage of energy produced at Glen is considered load v. load-following?
- d. How does the rate charged by WAPA for power from GCD compare to the cost of power on the open market?
- e. Why do WAPA contracts include provisions to acquire replacement power?
- f. How much CRSP power goes to power producers (e.g., SRP, UAMPS), and how much goes to consumer only entities?
- g. How much CRSP power goes to Federal government facilities such as military bases?

5. Costs of the 2008 BHBF

- a. What (real or projected) costs of the 1996, 2004, and 2008 BHBF are attributed to water routed through the bypass tubes v. replacement power costs v. other costs?
- b. Which costs are reimbursable and which are non-reimbursable?
- c. Who pays the costs associated with a BHBF; rate payers or taxpayers?
- d. What is the financial impact to an individual household from the 2008 BHBF?