Adopt resolutions to support Metropolitan's 2012 WaterSMART grant applications

Item 7-4

Water Planning and Stewardship Committee

February 14, 2012

Water and Energy Efficiency Grant

- Bureau of Reclamation
- Up to $1.5 million per application
- Results in quantifiable and sustained water savings
- Eligible projects categories
  - Water conservation
  - Energy efficiency in water
  - Benefit endangered species
  - Water markets

Key Grant Requirements

- Eligible applicants include: states, indian tribes, irrigation districts, water districts, etc.
- Located within western U.S.
- Requires 50/50 cost share
- Complete projects by September 2015
- Requires Board resolution within 30 days of application

Two Grant Applications

- California Friendly Turf Replacement
- Water Efficient Ice Machines
- Resolutions due by February 18, 2012
- Total for both grant applications: $1.65 million

Grant Proposal – Turf Replacement

- California Friendly Turf Replacement Program
- $3 million project: $1.5 MWD + $1.5 USBR
- Leverage funding to expand participation
- 3 year program
- Estimated lifetime water savings of 8,280 acre-feet

Benefits – Turf Replacement

- Member agencies requested regional proposal
- Expands collaboration with Reclamation
- Popular and highly visible
- Accelerates transformation to California Friendly landscapes
- Aligns with Metropolitan's Long Term Conservation Plan and 20X2020 water reductions

Grant Proposal – Ice Machines

- Replaces water-cooled, non-EnergyStar machines with energy-efficient, air-cooled models
- $300,000 project: $150,000 MWD + $150,000 USBR
- Leverage funding to expand participation
- 3 year program
- Lifetime water savings of 3,600 acre-feet

Benefits – Ice Machines

- Potential to save significant amounts of water and energy
- Expands collaboration with Reclamation and energy utilities (So Cal Edison, San Diego Gas & Electric)
- Accelerates transformation in commercial sector
- Aligns with Long Term Conservation Plan and 20X2020 water reductions

Board Options

- Option #1

  Adopt CEQA determination and adopt resolutions to:

  a. Authorize acceptance of up to $1.65 million grant funding;

  b. Authorize the General Manager to enter into agreements;

  c. Agree to fulfill grant contract including matching funds of up to $1.65 million; and

  d. Direct staff to coordinate with Reclamation to meet deadlines

- Option #2

  Do not adopt resolution

Recommendation

- Option #1