

# Scattergood PIC

- LADWP facility
  - 3 generation units
  - 818 MW total
  - 344,000 gpm
- Utilization rates: 5 year average (calculated how?)
  - Unit 1: 25%
  - Unit 2: 31%
  - Unit 3: 23%
- Offshore Intake and Outfall
  - Intake: 1600 ft offshore w/velocity cap
  - Outfall: 1200 ft offshore

# Scattergood PIC

- Questions
  - Capacity utilization
    - how did they calculate it?
  - Baseline:
    - what is it? Seems flexible. Will study...
    - velocity cap
      - Credit for impingement reduction? Why?
      - Reduce impingement from:
        - » no velocity cap?
        - » from model shoreline facility?
        - » From existing impingement levels?

# Scattergood PIC

- Impingement Reduction
  - Velocity cap (already in compliance?)
  - Barrier nets
  - Ristograph screens
- Entrainment Reduction
  - Wedgewire screens (regs list them)
    - Applicability to site
    - Cost
  - No requirement to consider closed cooling in 316b

# Scattergood PIC

- Mitigation
  - Their preferred alternative because:
    - Cost and feasibility of technology alternatives
    - Mitigation benefits more directly quantifiable and more beneficial
      - Wetland creation or restoration: more species benefit
  - Projects
    - Habitat creation/restoration
    - Fish stocking
    - Waterbody restoration
  - Acknowledge
    - Scaling to meet regs (reduction)
    - Verification monitoring
    - Identify projects
    - Identify potential management organizations

# Mitigation Issues

## Lessons Learned

- Must have established, respected, organization with successful track record of doing the projects identified
- Avoid:
  - Startups
  - radical groups
  - managing for happiness
- Need independent scientific oversight
  - many legit organizations have this
- Need performance monitoring
  - Must control costs

# Scientific Panel

## Lessons Learned

- We need them
- Must separate panel from general process
  - Technical, scientific issues
  - Scientists, not advocates or interested parties
- Observers
  - Meeting management
    - Physical separation
    - Ground rules enforced

# Scattergood PIC

- Cost-Cost Test
  - EPA's cost basis is \$0?
  - Costs significantly higher than \$0
- Cost-Benefit Test
  - Cost of technology/mitigation versus value of benefit
  - Will use “well-established and generally accepted valuation methodologies.”
    - Non-use values?
    - Willingness to pay?
    - Follows national rule making
      - Is that good enough?