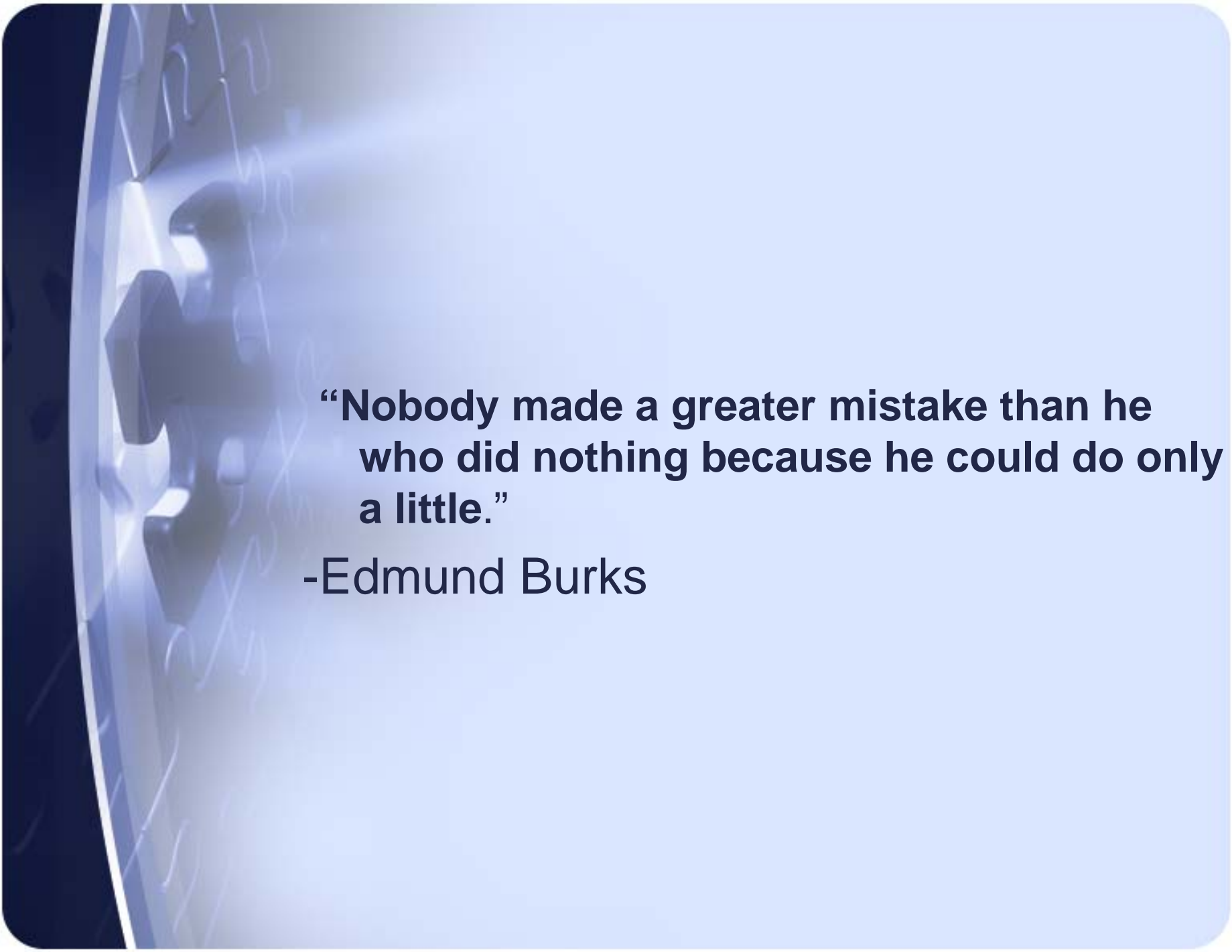


# California Department of Water Resources

## Business Operations GHG Reduction Strategies





**“Nobody made a greater mistake than he  
who did nothing because he could do only  
a little.”**

**-Edmund Burks**



# *Department of Water Resources (DWR)*

- **DWR Programs and Business Activities**
  - Primary Program is to plan, design, construct, operate, and maintain SWP
  - Other Program Activities



# *Department of Water Resources*

- **Leadership**
  - Climate Change Matrix Team
    - Climate Change and DWR
    - GHG Reductions



## *DWR Business Operations*

- **GHG Emissions**

- Total of 3.6 million tons CO<sub>2</sub> emissions
- SWP Energy Purchases- 93%
- Business Operation- 7%



# *State Water Project*

- **GHG Reductions**

- Energy Portfolio

- Increasing Purchase of Renewable Energy Sources
    - Reid Gardner Coal Power Contract (2013)

- Energy Efficiency Project

- Hyatt Generators
    - Edmonston Pumps
    - Small Hydro Projects



# *DWR Business Operations*

- **GHG Emission Reductions**
  - Facilities
  - Fleet
  - Office Operations
  - Policy



## *DWR Business Operations*

- **Facilities GHG Emission Reductions**
  - Green Building Initiative (EO S-20-04)
  - State of California Programs
  - Utility Programs





# *DWR Business Operations*

- **Fleet GHG Emission Reductions**
  - Fleet Use and Purchases
  - Infrastructure Upgrades
  - Collaborate Opportunities
  - Alternative Travel Methods



## *DWR Business Operations*

- **Office Operations GHG Emission Reductions**
  - IT Computing and Data needs
  - Office and Space Management
  - Purchasing & Contracting
  - 3R's
  - Awareness, Motivation, Recognition



## *DWR Business Operations*

- **Policy for GHG Emission Reductions**
  - Audit of Existing
  - Proposal for New Actions



# DWR Business Operations

## Web site links

- Portfolio Manager
  - [http://www.energystar.gov/index.cfm?c=evaluate\\_performance.bus\\_portfoliomanager](http://www.energystar.gov/index.cfm?c=evaluate_performance.bus_portfoliomanager)
- Building Commissioning
  - <http://www.green.ca.gov/CommissioningGuidelines/default.htm>
- Best Practices in Maintenance Programs
  - <http://www.fypower.org/bpg/module.html?b=offices&m=Commissioning>



# DWR Business Operations

## Web site links

- Environmentally Preferable Purchasing (EPP)
  - <http://www.green.ca.gov/EPP/Introduction/default.htm>
- Rebates and Incentives
  - <http://www.green.ca.gov/EnergyPrograms/rebates.htm>
- Life Cycle Cost Assessment
  - <http://www.green.ca.gov/LCCA/FactSheet.htm>