Financing Better Buildings: Themes and Trends from Day 1

Introduction:
• Jessica Rackley, Program Director, Center for Best Practices - Energy, Infrastructure & Environment

Speaker:
• Elizabeth Beardsley, Senior Policy Counsel, U.S. Green Building Council
Dimensions of State Leadership Programs
New Construction Progression

- Above code energy efficiency
- Green building certification
- Green building certification + net zero energy/carbon
Existing Buildings Progression

- Efficiency standards for renovation
- Efficiency investment goals
- Green building operations certification, performance standards
Portfolio Progression

Tracking energy consumption

Energy and water benchmarking

Whole operations benchmarking
1. Why
2. Goals & Targets

“TO MOVE THE WORLD, WE MUST FIRST MOVE OURSELVES.” – SOCRATES
3. Effective Collaboration
4. Accountability & Transparency

GREENING STATE BUILDINGS FOR A BRIGHTER FUTURE

State departments across California are adopting a green way of thinking about their facility operations. Under the leadership of Governor Edmund G. Brown Jr., California has undertaken an ambitious effort to green the state's buildings and save taxpayer dollars in the process.
Example: California

DEPARTMENT AT A GLANCE
CALENDAR YEAR 2018

1.37
Billion kBu
Total Grid Energy Usage

55
Total Facilities

243.6
Million Gallons
Total Water Usage

16.27
Million sqft
Total Floor Space

53.67
Thousand MT
Total GHG Emissions

39
Total LEED Certified Buildings

0
kWh
Total Generated From Renewable Sources

DEPARTMENT FACILITIES

FACILITIES

The following is a list of facilities for this agency or department.

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>City</th>
<th>Sq. Feet</th>
<th>Energy</th>
<th>Water</th>
<th>Location Efficiency Score</th>
<th>Site EUI</th>
<th>Site EUI</th>
</tr>
</thead>
<tbody>
<tr>
<td>001 State Capitol Building</td>
<td>SACRAMENTO</td>
<td>482,250</td>
<td>94,488,174 kBu</td>
<td>30,849 kgal</td>
<td>95.9</td>
<td>287.4</td>
<td>195.9</td>
</tr>
<tr>
<td>002 Jesse Unruh Building (DB 1 Building)</td>
<td>Sacramento</td>
<td>164,529</td>
<td>17,335,559 kBu</td>
<td>3,580 kcal</td>
<td>99.74</td>
<td>169.9</td>
<td>105.4</td>
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<tr>
<td>003 Library-Courts Building</td>
<td>Sacramento</td>
<td>188,569</td>
<td>19,831,406 kBu</td>
<td>0 kcal</td>
<td>99.36</td>
<td>169.1</td>
<td>105.2</td>
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<tr>
<td>004 Legislative Office</td>
<td>Sacramento</td>
<td>240,735</td>
<td>45,461,117 kBu</td>
<td>1,237 kcal</td>
<td>98.3</td>
<td>267.9</td>
<td>180.7</td>
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</tbody>
</table>

https://www.green.ca.gov/buildings/department/DGS
5. Outcomes & Performance
6. Being the Example

Leadership by Example
7. Plan for Innovation
8. Make Time to Reflect

“Leadership and learning are indispensable to each other.” – John F. Kennedy
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