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# State Facilities Leading the Way Innovation Ready

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Maryland Wood Energy Coalition

October 30, 2013

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# Office of Energy Performance & Conservation



- Purchase
- Reduce
  - Energy Performance Contracts (EPCs)
  - Small Energy Performance Contracts (sEPCs)
- Change
  - Renewable Portfolio Standard
  - 20% by 2022
- Track
  - States Energy Database
  - 15% Reduction by 2015

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# Project Motivators

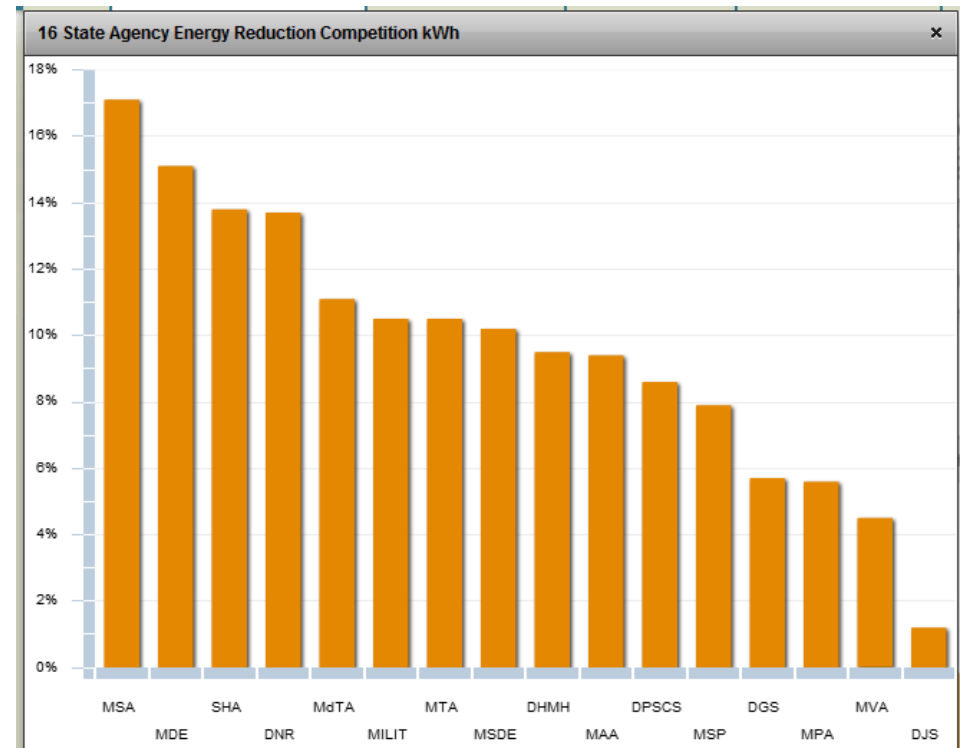


- Need
  - ~5,000 State Buildings
  - \$166,000,000 DGS Maintenance Backlog
- Legislation
  - EmPOWER Maryland
- Competition
- Funding

# Competition



- ❑ 16 Agency State Energy Competition
- ❑ State Energy Database
- ❑ Underperforming Agencies



<http://www.dgs.maryland.gov/energy/AgencyCharts/index.html>

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# Energy Performance Contracts



- Competition
  - Current IDC v6
    - 7 Pre-Approved Venders
    - Compete each Project for **Innovation**
  - Future IDC v7
- Constraints
  - 15 Year Payback
  - Savings > Costs

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Small

## Energy Performance Contract



- Competition
  - New IDC
  - 2 Pre-Approved Venders
  - Compete each project for **Innovation**
- Constraints
  - 10 Year Payback
  - Under \$1,000,000
  - Savings > Costs

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# Innovation



- Unique Projects
- Various Geographic Locations & Constraints
- Various Missions, Needs, Functions, & Space Types
- Wood Energy Provides Innovation

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# DGS Coordination



- DGS Planning & Design
  - Technical Design Review
- DGS Capital Maintenance
  - Backlog
- DGS Real Estate





- DOE Small/Medium Buildings Grant
  - Training Sessions
    - 3 Sessions – July, August & September
    - Facilities Maintenance & Energy Managers
    - Project Identification
    - Funding Options
  - Audit Funding

# Future Project Stock



- State Building Stock by Size

Large >20,000 sf	Medium 10,000-20,000 sf	Small <10,000 sf
16%	8%	76%

- EPC's By Size

Large >20,000 sf	Medium 10,000-20,000 sf	Small <10,000 sf
60%	77%	13%



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# Contact Information

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