

# Measuring Compliance

## OMB Scorecards



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# Requirements

- Statutes for green product procurement
- Executive Order 13423 goals:
  - Energy efficiency/GHG reduction
  - Water reduction
  - Renewables
  - Acquisition/Waste Prevention
  - Motor Vehicle Fleets
  - Sustainable Buildings
  - Electronic stewardship
- New Energy Statutes (EPACT'05/EISA'07)

# Scorecard Measures 2008

## Energy

- Reduce energy consumption 9%/30% by 2015
- Reduce water consumption 2%/16% by 2015
- Use of renewables 3%/half new ↑ 7.5% by 2013
- Meter 20% facilities/energy use ↑ 100% by 2012
- New Building Designs 30% more energy efficient
- Achieve Electronic Stewardship goals by 2010
- Achieve 15% sustainable buildings by 2015

# Guiding Principles for MOU on Sustainable Green Buildings

- Employ Integrated Design Principles
- Optimize Energy Performance
- Protect and Conserve Water
  - ↓20% indoor
  - ↓50% outdoor
- Enhance Indoor Environmental Quality
- Reduce Impact of Materials
- Apply to new, existing and leased space

# Sustainable Building Implementation Plans (SBIP)

- OMB Issued SBIP Guidance July 2007
  - 11 required components
    - Summary of inventory
      - Number of buildings and the GSF
      - Number of buildings above/below CAP
    - Identification of cross functional teams
    - Identification of key results-oriented actions with major milestones achievable in 6-month increments
    - Compliance with A-11, part 7 and 300s.
- Update for existing & leases coming

# New Initiatives

- FRPC Inventory – Sustainability Element
  - Update to Guiding Principles
  - 2009 Scorecard Template Changes
  - OFPP Policy Letter Update '08
  - FPDS Green Report

# New FRP Data Element

- **Sustainability** is optional for FY 2008 reporting and will be mandatory for FY 2009 reporting, subject to specific guidance issued by the Executive Order 13423 Steering Committee. Reporting is required for building assets and optional for structures and land assets.
- Sustainability reflects whether or not an asset meets the sustainability goals set forth in Section 2 (f) of Executive Order 13423. (valid codes are in parentheses):
- **Yes (1)** – asset has been assessed and meets guidelines set forth in Section 2 (f) of EO 13423.
- **No (2)** – asset has been assessed and does not meet guidelines set forth in Section 2 (f) of EO 13423.
- **Not yet evaluated (3)** – asset has not yet been evaluated on whether or not it meets guidelines set forth in Section 2 (f) of EO 13423.
- **Not Applicable (4)** – guidelines set forth in Section 2 (f) of EO 13423 do not apply to the asset.
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# FRPC Guidance

- The final FY 08 FRPC guidance document is posted on the OMB OFFM webpage:  
[http://www.whitehouse.gov/omb/financial/fia/2008\\_frpc\\_guidance.pdf](http://www.whitehouse.gov/omb/financial/fia/2008_frpc_guidance.pdf)
- The accompanying inventory reporting instructions document is also posted:  
[http://www.whitehouse.gov/omb/financial/fia/2008\\_data\\_reporting\\_instructions.pdf](http://www.whitehouse.gov/omb/financial/fia/2008_data_reporting_instructions.pdf)
- All agencies previously received the guidance and instructions via the FRPC and the FRPP User's Group.
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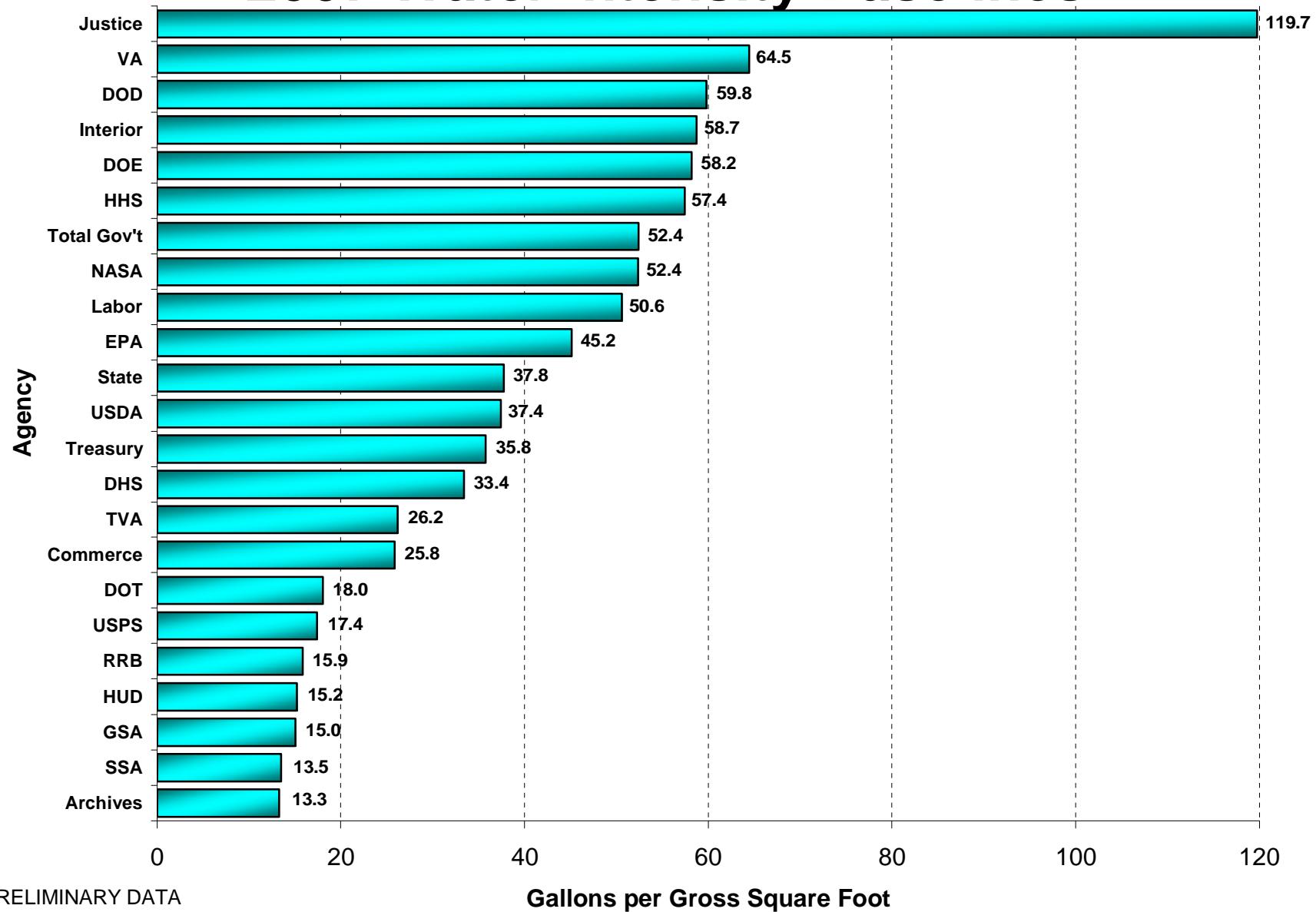
## January 2008 Management Scorecards

	Energy		Transportation		Environment	
	Status	Progress	Status	Progress	Status	Progress
Agriculture	●	●	● ↓	●	●	●
Commerce	●	● ↑	●	●	●	● ↓
Defense	●	●	●	●	●	●
Education					●	●
Energy	●	●	●	●	●	●
EPA	●	● ↑	●	●	●	●
HHS	● ↓	●	●	● ↓↓	●	●
DHS	● ↓	● ↑	●	● ↓	● ↑	● ↑
HUD	● ↑↑	● ↑↑	●	●	● ↑	●
Interior	●	●	●	●	●	● ↓
Justice	●	●	● ↓	●	●	● ↑
Labor	● ↓↓	●	● ↑↑	●	●	●
State	●	●	● ↓	●	●	●
Transportation	● ↑↑	● ↑	●	● ↑	●	● ↓
Treasury	●	●	● ↑↑	●	●	●
Veteran's Affairs	●	●	●	●	●	●
Court Services			●	●		
GSA	●	● ↑	●	● ↓	● ↓	●
NARA	● ↑↑	●			●	● ↓
NASA	●	●	● ↓	● ↓	●	●
OPM					● ↑	●
SSA	○	○	● ↑	●	●	●
Smithsonian			●	● ↑	○	○
TVA	●	●			●	●
USPS	●	● ↑	●	●	●	●

# Federal Results as of 1/08

- 21 agencies reported 6% reduction in energy intensity since 2003
- 16 agencies purchased renewables equivalent to 3% of total electricity use
- Majority of agencies have comprehensive procurement programs in place
- 19 agencies implementing guiding principles on new building projects
- All on the radar/making progress

# Federal Facilities: 2007 Water Intensity Baselines



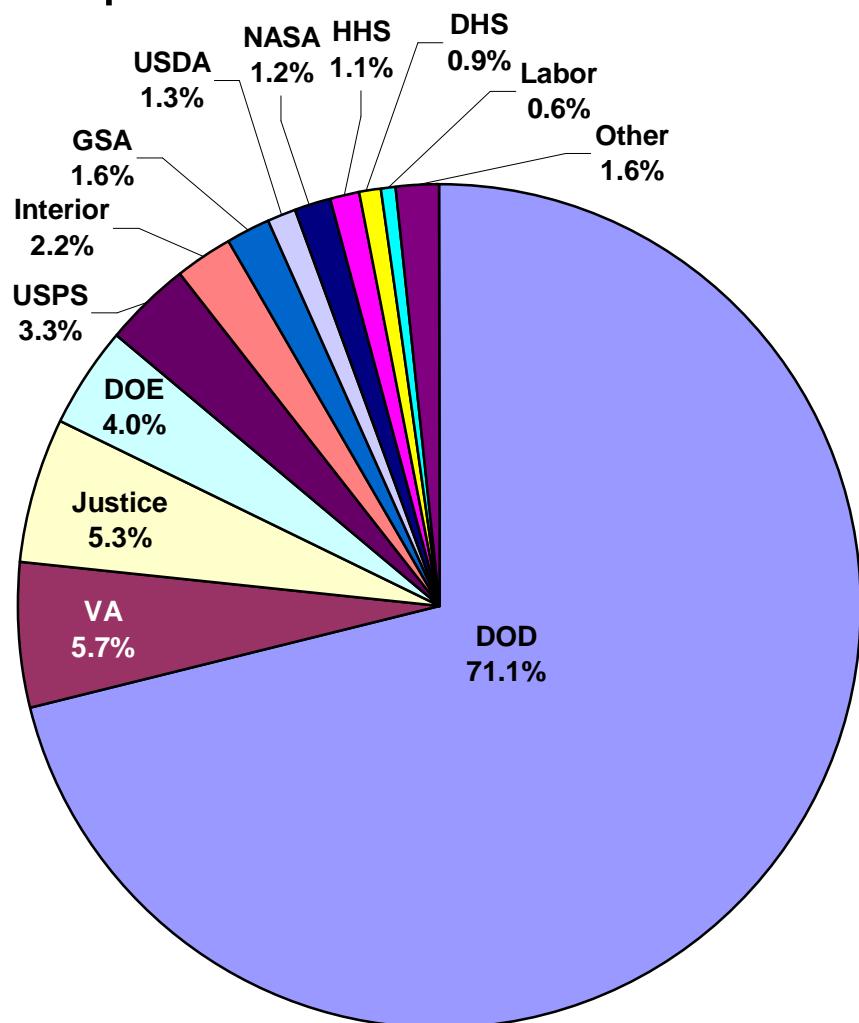
PRELIMINARY DATA

Gallons per Gross Square Foot

# Federal Facilities: 2007 Water Consumption by Agency

Total Federal Water Consumption: 164.2 Billion Gallons

Agency	Annual Consumption (Million Gallons)	Facility Gross Square Feet (Thou.)	Gallons per Gross Square Foot
DOD	116,752.0	1,952,056.2	59.8
VA	9,337.3	144,836.1	64.5
Justice	8,731.0	72,917.6	119.7
DOE	6,523.7	112,082.4	58.2
USPS	5,455.9	312,962.7	17.4
Interior	3,624.3	61,724.9	58.7
GSA	2,651.2	176,414.5	15.0
USDA	2,150.9	57,480.9	37.4
NASA	2,036.5	38,896.2	52.4
HHS	1,799.7	31,338.4	57.4
DHS	1,522.8	45,556.7	33.4
Labor	1,029.0	20,335.8	50.6
TVA	733.0	27,969.8	26.2
DOT	464.1	25,722.1	18.0
Treasury	431.1	12,049.6	35.8
Commerce	352.1	13,627.9	25.8
State	169.0	4,476.7	37.8
EPA	168.1	3,723.3	45.2
SSA	125.0	9,262.0	13.5
Archives	107.9	8,123.9	13.3
HUD	21.8	1,432.0	15.2
RRB	5.5	346.9	15.9
Total Gov't	164,192.1	3,133,336.7	52.4



PRELIMINARY DATA

# Investment in Energy Efficiency | FY 2007

**Project investment is now only 9.8% of energy costs**  
**Annual investment of 17% estimated to meet goals**

Agency	Investment in Energy Efficiency/Renewable Energy (FY 2007)					Facility Energy Costs (FY 2007)	Total Investment as a % of Energy \$	Financed Investment as a % of Energy \$	Direct Investment as a % of Energy \$
	Direct Obligations	ESPC	UESC	Total Investment					
DHS	\$31,050,460	\$31,308,918	\$0	\$62,359,378	\$100,783,721	61.9%	31.1%	30.8%	
Smithsonian	\$0	\$19,908,524	\$0	\$19,908,524	\$33,601,600	59.2%	59.2%	0.0%	
EPA	\$5,654,170	\$0	\$0	\$5,654,170	\$19,859,676	28.5%	0.0%	28.5%	
HHS	\$2,498,000	\$0	\$34,748,509	\$37,246,509	\$168,434,787	22.1%	20.6%	1.5%	
Interior	\$10,884,500	\$3,657,852	\$0	\$14,542,352	\$94,926,740	15.3%	3.9%	11.5%	
NASA	\$11,155,000	\$3,391,000	\$4,895,000	\$19,441,000	\$156,206,500	12.4%	5.3%	7.1%	
USDA	\$4,210,890	\$0	\$5,460,000	\$9,670,890	\$80,346,457	12.0%	6.8%	5.2%	
Treasury	\$2,211,600	\$0	\$3,136,700	\$5,348,300	\$45,466,100	11.8%	6.9%	4.9%	
DOD	\$168,111,709	\$96,693,600	\$90,896,600	\$355,701,909	\$3,416,696,484	10.4%	5.5%	4.9%	
USPS	\$50,000,000	\$3,534,600	\$0	\$53,534,600	\$610,394,395	8.8%	0.6%	8.2%	
Archives	\$1,097,400	\$0	\$0	\$1,097,400	\$13,548,824	8.1%	0.0%	8.1%	
Commerce	\$3,787,909	\$0	\$0	\$3,787,909	\$48,218,406	7.9%	0.0%	7.9%	
RRB	\$35,000	\$0	\$0	\$35,000	\$530,900	6.6%	0.0%	6.6%	
GSA	\$19,864,400	\$3,827,467	\$0	\$23,691,867	\$421,245,300	5.6%	0.9%	4.7%	
VA	\$17,500,000	\$0	\$0	\$17,500,000	\$475,454,051	3.7%	0.0%	3.7%	
DOT	\$4,324,700	\$0	\$0	\$4,324,700	\$124,461,600	3.5%	0.0%	3.5%	
SSA	\$500,000	\$0	\$0	\$500,000	\$24,881,400	2.0%	0.0%	2.0%	
TVA	\$325,000	\$0	\$0	\$325,000	\$24,991,350	1.3%	0.0%	1.3%	
DOE	\$1,337,413	\$3,557,332	\$0	\$4,894,745	\$376,695,674	1.3%	0.9%	0.4%	
Labor	\$500,000	\$0	\$0	\$500,000	\$57,554,905	0.9%	0.0%	0.9%	
Justice	\$268,800	\$0	\$0	\$268,800	\$192,740,460	0.1%	0.0%	0.1%	
State	\$0	\$0	\$0	\$0	\$15,380,950	0.0%	0.0%	0.0%	
HUD	\$0	\$0	\$0	\$0	\$3,595,335	0.0%	0.0%	0.0%	
Total	\$335,316,951	\$165,879,293	\$139,136,809	\$640,333,053	\$6,506,015,614	9.8%	4.7%	5.2%	

PRELIMINARY DATA

# Investment in Energy Efficiency | FY 2003–FY 2007

## Historical Record

