

Tennessee Valley Authority
FY 2017 OMB SCORECARD FOR EFFICIENT FEDERAL OPERATIONS/MANAGEMENT

<u>GOAL ASSESSMENT</u>	<u>METRICS</u>	<u>PERFORMANCE</u> <u>RATING</u>	<u>OTHER PROGRESS INDICATORS</u>
FACILITY ENERGY EFFICIENCY	Change in energy intensity (Btu/GSF) compared to FY 2003:	-37%	Average cost of energy per site-delivered MBtu: \$19.80
	Change in energy intensity (Btu/GSF) compared to FY 2015:	-7%	
EFFICIENCY MEASURES/ INVESTMENT	EISA-covered facilities evaluated for efficiency opportunities:	100%	Total \$ Value of ECMs identified for potential investment (\$M): \$30.0
	Utilized performance contracting in FY 2017 to achieve energy, water, building modernization, infrastructure goals?	No	Direct investment in FY 2017 (\$M): \$4.0 ESPC and UESC Investment in FY 2017 (\$M): \$0.0 Annual Btu saved per \$1 of investment in 2017: 5,014
RENEWABLE ENERGY USE	Renewable electricity used (as a percentage of total electricity use):	13.1%	Renewable electricity + non-electric renewable energy used (as a percentage of total electricity use): 13.1%
WATER EFFICIENCY	Change in potable water intensity compared to FY 2007:	-28%	Cost of potable water per thousand gallons: \$5.12
	Change in potable water intensity from prior year:	19%	
HIGH PERFORMANCE SUSTAINABLE BUILDINGS	Percent of owned buildings (less excess) meeting sustainability metrics:	9%	Change from prior year: -0.1% Total Eligible Buildings: 268
	Percent of owned GSF meeting the sustainability metrics:	5%	Change from prior year: 0.0% Total Eligible GSF (thou.): 8,288
TRANSPORTATION/ FLEET MANAGEMENT	Change in petroleum fuel use in covered fleet compared to FY 2005:	-68.3%	Alternative fuel use as a percentage of total covered fleet fuel use: 4.6%
	Change in petroleum fuel use in covered fleet compared to prior year:	-8.2%	Percentage of covered AFV acquisitions (w/bonus credits):
SUSTAINABLE ACQUISITION	Percentage point difference of sustainable contract actions from prior year:	5.6%	Number of applicable contract actions containing sustainable clauses: 5,557 Value of applicable contract actions containing sustainable clauses: \$13.6M
	Percentage point difference of value of contracts with sustainable requirements from prior year:	4.8%	<i>Biobased Product Purchase Targets (# of actions): FY18: 400; FY19: 400</i>
Reduction in Agency Scope 1 and 2 GHG emissions from 2008:		36.1%	

Sources: Agency submitted data from Annual Energy Data Report, EISA 432 Compliance Tracking System, Federal Real Property Profile, Federal Automotive Statistical Tool, FPDS

Btu = British thermal units
 GSF = Gross square foot
 MBtu = Million Btu
 ESPC = Energy Savings Performance Contracts
 UESC = Utility Energy Savings Contracts

ECM= efficiency/conservation measure
 AFV = alternative fuel vehicle
 FPDS = Federal Procurement Data System
 GHG = greenhouse gas

Facility Energy Efficiency: Agencies are assessed on progress made to meet and exceed the statutory goal of a 30% reduction in Btu/GSF by 2015 from a 2003 baseline. OMB will also track agency's average cost of all facility energy.

<i>Agency achieved $\geq 30\%$ reduction since 2003 AND achieved an incremental reduction from 2015.</i>	<i>Agency achieved $\geq 30\%$ reduction since 2003 OR made an incremental reduction in energy intensity from 2015.</i>	<i>Agency has not yet achieved a 30% reduction in energy intensity since 2003 AND has not achieved progress from 2015.</i>
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Identification of Efficiency Measures/Investment*: Agencies are assessed on EISA 432 facility evaluations, identifying ECMs, and whether performance contracting was utilized in FY 2017. OMB will also track investment levels and annual Btu saved per \$1 of investment.

<i>$\geq 90\%$ of facility evaluations completed/updated within last 4 years AND agency awarded performance contracts in FY 2017.</i>	<i>$\geq 75\%$ facility evaluations completed/updated within last 4 years OR agency awarded performance contracts in FY 2017.</i>	<i>$< 75\%$ of facility evaluations completed/updated within last 4 years & agency did not award any performance contracts in FY 2017.</i>
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Renewable Energy: Agencies are assessed on meeting or exceeding 7.5% renewable electricity use annually. OMB will also track non-electric RE use.

<i>Renewable electricity comprised $\geq 7.5\%$ of total electricity use.</i>	<i>Renewable electricity combined with non-electric renewable energy sources (thermal + mechanical) comprised $\geq 7.5\%$ of total electricity use.</i>	<i>Renewable electricity combined with non-electric renewable energy sources (thermal + mechanical) comprised $< 7.5\%$ of total electricity use.</i>
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Water Efficiency: Agencies are assessed on continued reductions in potable water use intensity and a 20% reduction from its 2007 baseline. OMB will track agency average cost of water and non-potable water use reduction as well.

<i>Agency achieved a 20% reduction in potable water use intensity from 2007 AND reduced its potable water use from prior year.</i>	<i>Agency achieved $\geq 20\%$ reduction since 2007 OR achieved a reduction in potable water intensity from prior year.</i>	<i>Agency has not achieved a 20% reduction since 2007 AND did not reduce potable water use from prior year.</i>
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High-Performance Sustainable Buildings: Agencies are assessed on the number and percentage of owned federal buildings that meet high performance building guiding principles (GP) and are tracked in the Federal Real Property Profile (FRPP).

<i>At least 15% of agency owned buildings or GSF meet GP/equivalent standard & this represents an increase from prior year level.</i>	<i>At least 15% of agency owned buildings or GSF meet GP/equivalent standard OR agency increased percentage of buildings or GSF from prior year</i>	<i>Less than 15% of agency's inventory meets GP and it did not increase its percentage of buildings or GSF meeting GP/equivalent standards from prior year.</i>
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Fleet Management: Agencies are assessed on meeting or exceeding a 20% reduction in petroleum use since 2005. OMB will also track other fleet measures to help agencies manage fleets and meet statutory requirements.

<i>Agency achieved $\geq 20\%$ reduction in petroleum since 2005 AND achieved a reduction in petroleum use from prior year.</i>	<i>Agency achieved at least a 20% reduction in petroleum since 2005 OR made progress in reducing its use from prior year</i>	<i>Agency has not yet achieved a 20% reduction in petroleum since 2005, nor has it made progress in reducing its use from prior year..</i>
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Acquisition: Agencies will be assessed on the change from prior year performance of the percentage of contract actions and dollar value of sustainable acquisitions as reported in the FPDS, to include the mandatory clauses for the purchase of biobased, energy-efficient, recycled content and/or other sustainable attributes. OMB will also track as an indicator, agencies' planned acquisitions of biobased products by number of contracts and estimated dollar value of those contracts.

<i>Agency increased percentage of sustainable acquisitions of total actions (both number of actions & dollar value) from prior year percentage levels.</i>	<i>Agency increased percentage of sustainable acquisitions of total actions (either number of actions or dollar value) from prior year percentage levels.</i>	<i>Agency's percentage of sustainable acquisitions from total actions (number of actions & dollar value) remained the same or decreased from prior year.</i>
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Greenhouse Gas Emissions: Agencies' GHG emission reductions compared to FY 2008 base year will be determined from its annual data report and tracked and reported as an indicator on the Scorecard.

*To be consistent with 42 USC 8253 (d)(1)(C), this metric will be revised for FY2018 to ensure efficient utilization of performance contracting to achieve goals.