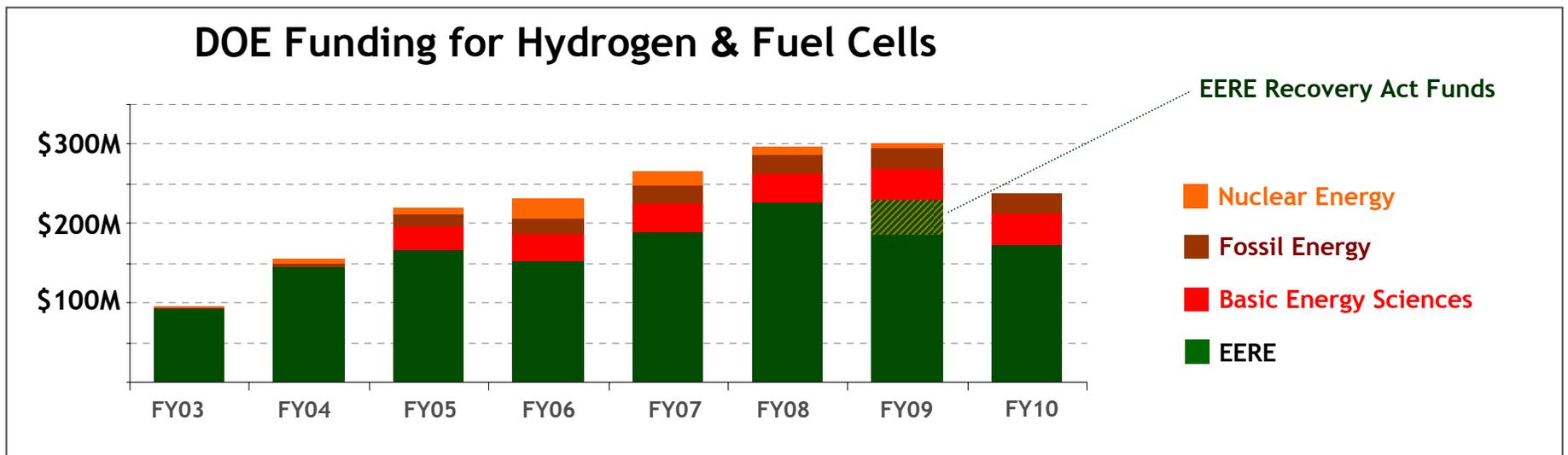
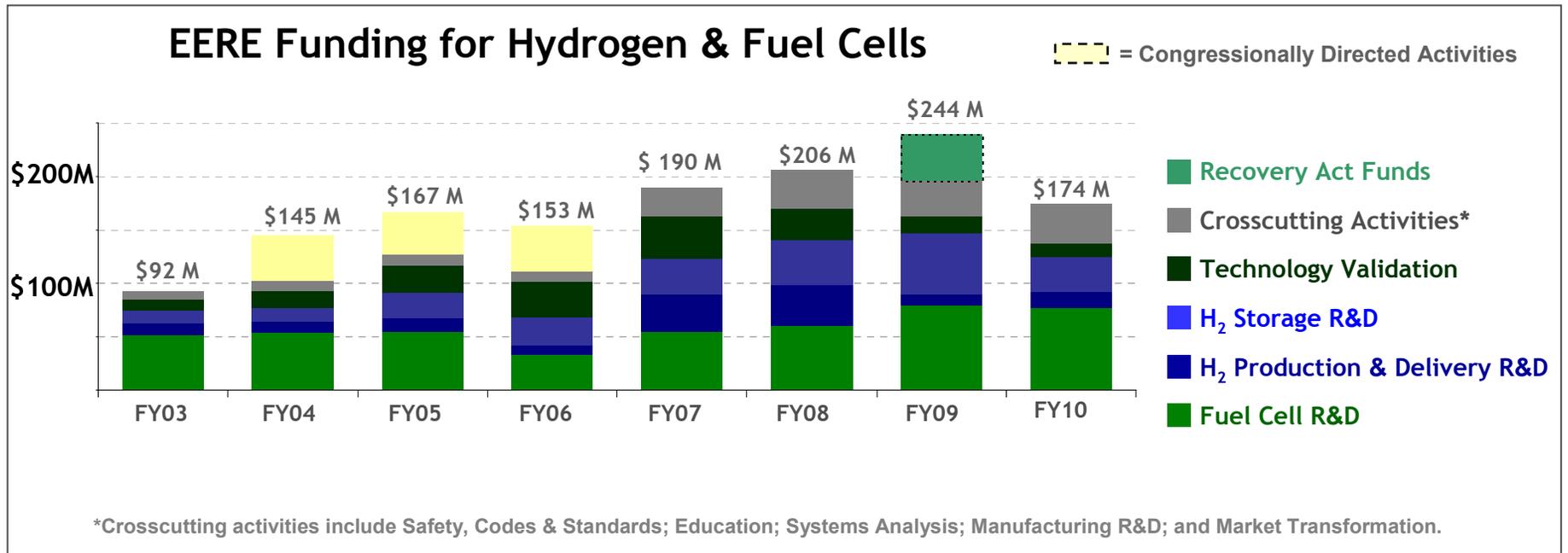




U.S. DEPARTMENT OF  
**ENERGY**

**FY 2010 Budget 6fYU\_Xck b**

# Funding History for Fuel Cells



## EERE Hydrogen and Fuel Cells Budget *(in thousands)*

<i>Key Activity</i>	FY 2007	FY 2008	FY 2009	FY 2010
Hydrogen Production & Delivery R&D	33,702	38,607	10,000	15,000
Hydrogen Storage R&D	33,728	42,371	59,200	32,000
Fuel Cell Stack Component R&D	37,100	42,344	62,700	62,700
Technology Validation	39,413	29,612	14,789*	13,097
Transportation Systems R&D	7,324	7,718	6,600	3,201
Distributed Energy Systems R&D	7,257	7,461	10,000	11,410
Fuel Processor R&D	3,952	2,896	3,000	171
Safety, Codes & Standards	13,492	15,442	12,500*	8,839
Education	1,978	3,865	4,200*	2,000
Systems Analysis	9,637	11,099	7,713	5,556
Manufacturing R&D	1,928	4,826	5,000	5,000
Market Transformation	0	0	4,747	15,026
<b>Total</b>	<b>\$189,511**</b>	<b>\$206,241**</b>	<b>\$200,449</b>	<b>\$174,000</b>

\* Under Vehicle Technologies Budget in FY 2009

\*\* FY07 and FY08 numbers exclude SBIR/STTR funding

# Hydrogen & Fuel Cells Budgets: FY07 – FY10

	Funding (\$ in thousands)						
	FY 2004 Approp.	FY 2005 Approp.	FY 2006 Approp.	FY 2007 Approp.	FY 2008 Approp.	FY 2009 Approp.	FY 2010 Approp.
<b>EERE Hydrogen</b>	144,881	166,772	153,451	189,511	206,241	200,449	174,000
<b>Fossil Energy (FE)</b>	4,879	16,518	21,036	21,513	24,088	20,000 <sup>1</sup>	~25,000 <sup>1,2</sup>
<b>Nuclear Energy (NE)</b>	6,201	8,682	24,057	18,855	9,668	7,500	0
<b>Science (SC)</b>	0	29,183	32,500	36,388	36,484	38,284	~38,284 <sup>3</sup>
<b>DOE TOTAL</b>	<b>155,961</b>	<b>221,155</b>	<b>231,044</b>	<b>266,267</b>	<b>276,481</b>	<b>266,233</b>	<b>~237,284</b>

<sup>1</sup> Does not include funding for program direction.

<sup>2</sup> Includes coal to hydrogen and other fuels. Fossil Energy also plans \$50M for SECA in FY10.

<sup>3</sup> Exact funding for hydrogen- and fuel cell-related projects to be determined. The Office of Science also plans ~\$14M for hydrogen production research in the Office of Biological and Environmental Research in FY10.