



# Hydrogen Fuel Initiative

## Total Funding

- ❖ President Bush committed ***\$1.2 billion*** over 5 years (FY04 – FY08) to accelerate R&D to enable technology readiness in 2015.

Hydrogen Fuel Initiative Funding <sup>1</sup> (\$ in millions)					
FY2004 Approp.	FY2005 Approp.	FY2006 Approp.	FY2007 Approp.	FY 2008 Request	TOTAL (FY '04 – FY '08)
157	222	232	274	309	1,194

- ❖ The President's cumulative request of ***\$1.267 B*** (for FY04 – FY08) has been consistent with the original commitment of ***\$1.2 B.***
- ❖ Congress has appropriated ***\$885 M*** for FY04 – FY07, compared to the administration's request of ***\$958 M*** for that period.

<sup>1</sup> Includes EERE, FE, NE, SC and Department of Transportation



# Hydrogen Fuel Initiative

## *Budget*

	FY 2006 Current Approp.	FY 2007 Request	FY 2007 Continuing Resolution	FY 2008 Request	FY2008 House Mark	FY2008 Senate Mark
<b>Hydrogen Fuel Initiative</b>						
EERE Hydrogen	153,451	195,801	193,551	213,000	213,000	213,000
FE	21,036	23,611	23,611	12,450	10,000	30,000
NE	24,057	18,665	19,265	22,600	19,265	22,600
SC	32,500	50,000	36,388	59,500	59,500	59,500
DOE Total	<b>231,044</b>	<b>288,077</b>	<b>272,815</b>	<b>307,550</b>	<b>301,765</b>	<b>325,100</b>
Dept. of Transportation	1,411	1,420	1,420	1,425	1,425	1,425
<b>HFI Total</b>	<b>232,455</b>	<b>289,497</b>	<b>274,235</b>	<b>308,975</b>	<b>303,190</b>	<b>326,525</b>



# EERE Budget

	FY 2006 Current Approp	FY 2007 Request	FY 2007 Continuing Resolution	FY 2008 Request	FY 2008 House Mark	FY 2008 Senate Mark
Biomass and Biorefinery Systems R&D	89,776	149,687	199,687	179,263	250,000	244,000
Building Technologies	68,190	77,329	104,329	86,456	146,456	137,000
Federal Energy Management Program	18,974	16,906	19,480	16,791	27,000	23,000
Geothermal Technology	22,762	-	5,000	-	44,258	25,000
Hydrogen Technology	153,451	195,801	193,551	213,000	213,000	228,000
Hydropower	495	-	-	-	22,000	2,000
Industrial Technologies	55,856	45,563	56,563	45,998	57,000	57,000
Solar Energy	81,791	148,372	159,372	148,304	200,000	180,000
Vehicle Technologies	178,351	166,024	188,024	176,138	235,441	230,000
Activities	316,866	225,031	281,731	204,904	314,947	398,575
Wind Energy	38,333	43,819	49,319	40,069	57,500	57,500
Facilities and Infrastructure	26,052	5,935	107,035	6,982	195,699	6,982
Program Support	13,321	10,930	10,930	13,281	18,930	13,481
Program Direction	101,868	91,024	99,264	105,013	110,013	105,013
Use of Prior Year Balances	-3,339	-	-	-	-	-
<b>TOTAL EERE</b>	<b>1,162,747</b>	<b>1,176,421</b>	<b>1,474,285</b>	<b>1,236,199</b>	<b>1,892,244</b>	<b>1,707,551</b>



U.S. Department of Energy  
Energy Efficiency and Renewable Energy

## EERE Hydrogen, Fuel Cells and Infrastructure Technologies Program Budget

Activity	FY 2006 Current Approp.	FY 2007 Request	FY 2007 Continuing Resolution	FY 2008 Request	FY 2008 House Mark	FY 2008 Senate Mark
H <sub>2</sub> Production & Delivery	8,391	36,844	34,594	40,000	40,000	40,000
Hydrogen Storage R&D	26,040	34,620	34,620	43,900	43,900	43,900
Fuel Cell Stack & Component R&D	30,710	38,082	38,082	44,000	44,000	44,000
Technology Validation	33,301	39,566	39,566	30,000	30,000	45,000
Transportation Fuel Cell Systems	1,050	7,518	7,518	8,000	8,000	8,000
Distributed Energy Fuel Cell Systems	939	7,419	7,419	7,700	7,700	7,700
Fuel Processor R&D	637	4,056	4,056	3,000	3,000	3,000
Safety Codes & Standards	4,595	13,848	13,848	16,000	16,000	16,000
Education	481	1,978	1,978	3,900	3,900	3,900
Systems Analysis	4,787	9,892	9,892	11,500	11,500	11,500
Manufacturing R&D	0	1,978	1,978	5,000	5,000	5,000
<b>Total</b>	<b>153,451</b>	<b>195,801</b>	<b>193,551</b>	<b>213,000</b>	<b>213,000</b>	<b>228,000</b>