



Budget



NEDO projects (R&D)	Period (FY)	Annual budget (M Yen)		
		FY 2010	FY 2011	FY 2012
PEFC (PEM) commercialization promotion	2010-2014	5,100	3,841	3,500
SOFC system elemental technology	2008-2012	800	618	618
SOFC elemental technology for grid generation [NEW]	2012-2014	-	-	900
Demonstration of FCs etc.	2006-2010	870	-	-

Subsidy for ENE-FARM		FY 2009	FY 2010	FY 2011			FY 2012	
				initial	additional	2 nd additional		
budget (M Yen)	total	8,110	6,770	8,670	3,900		5,000	9,000
	per unit	1.40	1.30	1.05	1.05	0.85	0.85	-
Installed number		5,030	4,985	8,000	585	3,775	5,635	-
Accum. number		5,030	10,015	18,015	22,375		28,010	-

Executed amount for FY 2009 and 2010, planed for FY 2011 and 2012.



Launch of new ENE-FARM “Type S”

Manufacturer		JX	Osaka Gas/Aisin /Kyocera/Chofu /Toyota
			
Date of launch		Oct. 27 /2011	Apr. 27 /2012
Fuel		LPG / NG	NG
Rated electrical power		700 W	<-
Max. Efficiency	electricity	45.0% LHV	46.5% LHV
	total	87% LHV	90% LHV
Boiler tank capacity		90 L	<-
Dimension (mm)	FC	W563 xH900 xD302	W600 xH935 xD335
	Boiler	W740 xH1,760 xD310	W740 xH1,760 xD310
Support period		10 year	<-
Price (including tax, excluding installation)		270 M Yen	275.1 M Yen



Key Activities

- FCVs
 - 2013:
Start the construction of H2 stations to support initial deployment of FCVs in 2015 – Key to the success of FCVs

- Stationary FCs
 - 2012-2013:
The critical moment toward the self-sustained market growth of Stationary FCs (2016). Japanese Gov supports the installations to bridge the gap.