

ON GOING R&D Projects in Solar Thermal

Sl no	Project Title	Name of PI & Organization	Date of Sanction	Date of completion	Total & MNRE share (Lakh)
1.	Engagement of Dr. Dilip Saha, as a consultant for framework for setting up indigenously developed ST power demonstration plants F. No. 15/08/2012-13/ST	Dr. Dilip Saha	04/02/2013	03/02/2016	Total cost: 9.60 MNRE Share: 9.60
2.	1 MW el. (3.5 MW) solar thermal power plant with 16 hours thermal storage for continuous operation 15/13/2008-09/ST	Mr. Golo Pilz, Advisor and Mr Jayasimha, WRST, Mumbai	07/10/2010	31/12/2014	Total cost: 6300.00 MNRE Share: 1260. Releases: 300.00 (19/11/2010) 300.00 (30/03/2012) 350.00 (13/02/2013) 420.00 (26/03/2014) 19.12 (28/03/2014) 360.87 (06/05/2014)
3.	Development of a megawatt scale national solar thermal power testing, simulation and research facility 15/19/2008-09/ST	Prof. J. K. Nayak Indian Institute of Technology Bombay, Powai, Mumbai	07/09/2009	06/03/2015	Total cost: 4812.00 MNRE Share: 100% Releases: 1000.00 (07/09/2009) 500.00 (29/09/2010) 900.00 (29/01/2011) 1400.0 (29/06/2011) 551.00 (02/07/2012) 64.00 L(21/05/2014) 257.00 (05/11/2014)
4.	Development of a Modular Central Receiver Concentrated Solar Power Plant for Decentralized Power Generation 15/19/2010-11/ST	Shri Ashtabhuj Chaudhari, Sun Borne Energy Technologies Pvt. Ltd, Gurgaon	19/10/2010	31/10/2013	Total cost: 1600.00 MNRE Share: 1096.0 Releases: 105.00 (5/10/2011) 90.30 (16/03/2012) 95.56 (15/11/2012) 190.26 (26/03/2013) 26.00(25/07/2014)
5.	To set up Centre of Excellence in area of solar passive architecture and green building technologies" by CEPT University, Ahmadabad 15/35/2010-11/ST	Prof NK Bansal and Mr Rajan Rawal, CEPT University, Ahmedabad	15/02/2011	14/02/2016	Total cost: 1349.35 MNRE Share: 617.76 Releases: 100.00 (15/02/2011) 142.67 (30/03/2012)
6.	Establishment of the Centre of Excellence in solar thermal research and education at IIT Jodhpur, Rajasthan 15/40/2010-11/ST	Dr. Laltru Chandra IIT Jodhpur, Rajasthan	19/09/2011	19/09/2016	Total cost: 5500.00 MNRE Share: 4000.00 Releases: 150.00 (19/08/2011) 800.00(26/03/2014)
7.	Integrating and Hybridizing a 2-Axis Tracking Parabolic Dish Based Concentrated Solar Thermal with Biomass Based Thermic Fluid Heating System In a Process Industry 15/7/2012-13/ST	M/s Megawatt Solutions Pvt Ltd, Noida	01/05/2013	31/08/2014	Total cost: 321.50 MNRE Share: 163.50 Releases: 47.86 (15/10/2013) 45.99 (24/07/2014)
8.	Setting up facility for calibration of solar radiation measuring sensors and its analysis/modelling based on ground surface measurements 15/22/2012-13/ST	Dr. Y. Bharat Kumar Reddy, Solar Energy Corporation of India, New Delhi	30/03/2013	29/03/2017	Project cost = Rs 468.09 Duration = 5 Years Releases: 220.00 (30/03/2013)

9.	30 kW cross liner-CSP system Test Unit 15/09/2012-13/ST	Dr. V.K. Sethi Rajiv Gandhi Proudtyogiki Vishwavidyalaya, University Institute of Technology, (RGVP) Bhopal.	25/03/2014	24/03/2016	Total cost: 970.18 MNRE Share: 223.66 Releases 22.00 L (31/03/2014) 28.00 L (06/05/2014)
10.	Design, Construction and Demonstration of zero energy building for Solar Decathlon Europe 2014 15/01/2014-15/ ST	Prof. Rangan Banerjee, Department of Energy Science and Engineering, IIT Bombay	25/09/2014	24/09/2016	Total cost: 301.17 MNRE Share: 30.00 Releases: 15.00 (25/09/2014)