

Agenda

Enabling State Level Strategic Actions for India's NDC |Odisha - Power and Agriculture| Date: 02nd September, 2020

Webinar cum Policy Dialogue on Energy & Climate Change

11:00 - 11:25 AM	Session I – Inaugural Session	
	Welcome Address	Shri. Pankaj Batra, Project Director IRADe- SARI/EI <i>Ex-Chairperson (I/c) & Member (Planning), Central Electricity Authority</i>
	Project Introduction	Dr. Jyoti K Parikh <i>Executive Director, Integrated Research and Action for Development (IRADe)</i>
	Special Remarks	Ms. Moutushi Sengupta <i>Director, India Office, MacArthur Foundation</i>
	Inaugural Address	Shri. Nikunja Bihari Dhal, IAS <i>Principal Secretary, Department of Energy, Government of Odisha</i>
	Inaugural Note	Shri. Bishnupada Sethi, IAS <i>Principal Secretary, Revenue & Disaster Management, Government of Odisha Chairman-cum-Managing Director (CMD), Odisha Hydro Power Corporation Ltd., CMD, Green Energy Development Corporation of Odisha</i>
	Special Address	Shri. Upendra Nath Behera, IAS <i>Chairperson, Odisha Electricity Regulatory Commission (OERC)</i>
	Inaugural Remarks	Dr. Saurabh Garg, IAS <i>Principal Secretary, Department of Agriculture, Government of Odisha</i>
11:25 - 12:30 PM	Session II- Adapting Energy and Power Sector to meet NDC's Target	
11:25 -11:35 AM	A context setting presentation based on Sectoral Discussion Paper for Odisha prepared by IRADe researchers	
	<p>To meet the NDCs target, a rapid reduction in emissions in the power sector will be necessary. To transition to low-carbon energy systems, renewable energy sources need to replace carbon-intensive sources, alongside improved efficiency in the generation and consumption of electricity.</p> <p>Promotion of usage of RE generated power through Renewable Purchase Obligation (RPO) on Obligated Entities. Role of reliable grid-based power in eliminating polluting sources of energy. Given this background, this session aims to discuss and deliberate on:</p> <ul style="list-style-type: none"> • Increasing the share of Renewable (RE) in the generation mix by examining the current and immediate future energy mix up to 2030 • Comprehensive analysis of Energy Efficiency (EE) in power systems • Reducing T & D and Auxiliary losses, an incentive for modernization • Analysis of RPO targets met/unmet by DISCOMs in the past • Increasing reliability of the power system • Odisha Power Sector Challenges and Way Ahead 	
11:35 – 12:30 PM	Session Chair	Prof. Kirit Parikh <i>Chairman, Integrated Research and Action for Development (IRADe)</i>
Remarks by Panelists		
		<ul style="list-style-type: none"> • Mr. Santosh Das, Engineer In Chief (Electricity) -cum- Principal Chief Electrical Inspector, Odisha -cum- Head SDA Odisha

	<ul style="list-style-type: none"> • Shri. Bhadresh Bachubhai Mehta, Chief Load Dispatcher, State Load Dispatch Centre, Bhubaneswar
	<ul style="list-style-type: none"> • Shri. Rajiv Agrawal, Secretary, Indian Captive Power Producers Association
	<ul style="list-style-type: none"> • Shri. Parveen Verma, Chief Operations (Commercial), Tata Power Central Odisha Distribution Ltd. (TPCODL)
	<ul style="list-style-type: none"> • Shri. Ashok Kumar Choudhary, Deputy Director (Technical), Odisha Renewable Energy Development Agency (OREDA)
	<ul style="list-style-type: none"> • Mr. V. K. Agrawal, Technical Director, SARI/EI, IRADe Ex-Executive Director, Power System Operation Corporation
	<ul style="list-style-type: none"> • Dr. Chandra Kiran B Krishnamurthy, Consultant - Power Sector, MacArthur Project; Assistant Professor, Department of Forest Economics, Swedish Univ. of Agricultural Sciences, UMEA, Sweden; Researcher, The Royal Swedish Academy of Sciences, Stockholm
12:30 – 13:25 PM	Session III - Promoting the Use of Solar Water Pump in the Agriculture Sector
12:30 - 12:40 PM	A context setting presentation based on Sectoral Discussion Paper for Odisha prepared by IRADe researchers
	<p>The majority of water pumps used today are either grid-connected or run on diesel. However, remote, off-grid areas, the rising prices of diesel, as well as the environmental implications of its usage, raise several questions over the efficacy of these traditionally powered pumps. As an investment, costs for solar-powered irrigation pumps (SPIP) are coming down, and subsidy schemes for SPIS are being rolled out, solar technologies are becoming a viable option for both large and small-scale farmers.</p> <p>SPIP will make farmers independent of grid supply and also enable them to sell surplus solar power generated to DISCOM and get an extra income. Given this background, this session aims to discuss and deliberate on:</p> <ul style="list-style-type: none"> • Cropping patterns and irrigation pumps by types to assess the potential of solar pumps • Adoption of solar irrigation by farmers and the amount of surplus power that would be available to sell • Price for electricity sale that would make solar pumping an attractive proposition to farmers • A financial mechanism that will provide capital to farmers and subsidy to DISCOMs
12:40 – 13:25 PM	Session Chair Dr. Tushaar Shah <i>Senior Fellow, International Institute of Water Management India</i>
Remarks by Panelists	
	<ul style="list-style-type: none"> • Shri. Ashok Kumar Choudhary, Deputy Director (Technical), Odisha Renewable Energy Development Agency (OREDA)
	<ul style="list-style-type: none"> • Shri. M.R. Pattnaik, E. E. (Elect.), Odisha Lift Irrigation Company Ltd.
13:25 – 13:30 PM	Closing Address & Vote of Thanks Shri. Pankaj Batra , Project Director IRADe- SARI/EI <i>Ex-Chairperson (I/c) & Member (Planning), Central Electricity Authority</i>