



Oct. 16th

13:30-19:00

**Parkhotel Schönbrunn
Vienna, Austria**

Agenda

13:00 -	Registration Desk Open	
13:30	Opening Remarks	Mr. Takashi Omote Executive Director, NEDO
13:40 - 14:00	Special Lecture	
	Smart grids in Europe: recent developments and challenges ahead.	Dr. Gianluca Fulli Deputy Head of the Energy Security, Distribution and Markets Unit, Joint Research Centre, EC
14:05 - 15:15	Session 1 Solutions for Maximum Utilization of the grid	
	<p><u>1-1 Poland Project</u> : The online type of Special Protection System (SPS) applied to the high voltage line is expected twice much connection capacity of Wind Power.</p> <p><u>1-2 Slovenia Project</u> : The cloud type of Distribution Management System (DMS) which includes VVO (Vol-Var Optimization) function, Conservation Voltage Reduction (CVR) function and FLISR (Fault Location Isolation and Service Restoration) function is expected to economically</p>	<p>Title: Polish-Japanese partnership in the field of On-line Special Protection Scheme for Next Generation Power Grid</p> <p>Speaker: Mr. Łukasz Szczepaniak PSE Mr. Hiroshi Tanso Hitachi, Ltd.</p> <p>Title: Slovenian-Japanese partnership in the field of smart grids and smart communities.</p> <p>Speaker: Mr. Gregor Omahen ELES, d.o.o. Mr. Akito Fukasawa Hitachi, Ltd.</p>

	improve the stability and reliability of distribution system.	
15:15 - 15:35	Networking Break	
15:35 - 16:45	Session 2 Effective use of Batteries with their valuable properties	
	<p><u>2-1 Niedersachsen Project</u> : Hybrid configuration of LiB and NAS can play ideal performance not only suitable for PCR and SCR but also imbalance and compensation application.</p> <p><u>2-2 San Diego Project</u> : Redox Flow Battery has some unique characteristic such as no operational constraints on SOC. The system has been in operation over 1 year in real California condition.</p>	<p>Title: Demonstration Project for Large-scale Hybrid Power Storage System in Germany Speaker: Dr. Magnus Pielke be.storaged GmbH Ms. Saori Hamamura Hitachi Chemical Europe GmbH</p> <p>Title: Utility Scale Vanadium Redox Flow Battery for Multiple-Use Application Speaker: Mr. Les Young San Diego Gas&Electric Mr. Toshio Ooka Sumitomo Electric Industries, Ltd.</p>
16:45 - 17:50	Session 3 Effective use of demand side equipment as the Distributed Energy Resources (DER)	
	<p><u>3-1 Lisbon Project</u> : Space cooling demand is growing in the world. The air conditioning system for office buildings equipped with cold storage tank will be evaluated as Automated Demand Response (ADR) resource.</p>	<p>Title: -LiSCool- Demonstration Project on Automated Demand Response in the City of Lisbon Speaker: Dr. Ana Estanqueiro LNEG (National Laboratory of Energy and Geology) Mr. Ryoh Masuda Daikin Industries, Ltd.</p>

	<p><u>3-2 Speyer Project :</u> Two type of PV + Battery with Home Energy Management System (HEMS) has evaluated to improve the utilization of renewable energy in home. The system has been operated over 1 year.</p>	<p>Title: Local Energy Production and Consumption Project in Speyer Speaker: Mr. Mathias Reinhart Stadtwerke Speyer GmbH Mr. Hiroshi Arita Hitachi Chemical Co., Ltd.</p>
17:50 - 17:55	Closing Remarks	<p>Mr. Kazuhiko Muto Director General, NEDO</p>
18:00 -	Networking Reception for all participants	