

Green Low-Carbon and Smart Village Panel

Session Details

Green Low-Carbon and Smart Village Panel:

Key technologies and methods of green energy, low-carbon
for Smart Village program

Date/Time: Oct. 24th, Sunday, 10:00-12:00, Beijing Time; ONLINE

Session Introduction:

To meet the goal of Carbon Neutrality, it is great significant to use electric energy substitution and low-carbon technology to improve the level of rural economic development and cultural quality. The IEEE Smart Village program designed a 3E model of Energy, Education and Enterprisership. The sustainable green development requires innovations in technology, finance, new business models and policies, as well as the cooperations among various industries.

We invite the experts from universities and enterprises to share their achievements in related area. The institutions and companies should work together to promote the development of a low-carbon economy and renewal energy in Smart Village program.

Chair(s):

Xiaofeng Zhang
President of Global Green Development Alliance, Vice
Chair of IEEE Smart Village Committee and Chair of
IEEE PES China Smart Village Committee;

Zhensheng Wu
Deputy Secretary-General of IEEE PES China Smart
Village Committee,
Associate professor/Doctoral tutor of Beijing Jiaotong
University

Panelist:

10:00-10:20 SV-01
Greetings and Congratulations, Introduction of IEEE Smart

Village

John Nelson

President of IEEE Smart Village Committee (ISV)

- 10:20-10:40 SV-02
IoT Perception Technology for Smart Cities and Smart Villages
Min Cao
Professorate senior engineer/ Senior Expert of CSG
China Southern Power Grid Yunan Power Grid Co., Ltd.
- 10:40-11:00 SV-03
Graphene and its Applications in Electrical Energy Materials
Fuqiang Tian
Associate professor/Doctoral tutor
Beijing Jiaotong University.
- 11:00-11:20 SV-04
Electrochemical Storage and Conversion of Intermittent Electrical Energy
Hao Ren
Associate professor
China University of Petroleum (East China).
- 11:20-11:40 SV-05
Lower Power IoT RISC-V MCU and its Smart Agriculture Application
Hongyu Wang
Vice President
Wiscom System Co., LTD
- 11:40-12:00 SV-06
The Development and Innovation of Smart Villages in Shandong Province
Weizheng Kong
Deputy Secretary General of ISVC,
Director of Energy Research Center of State Grid.