New Energy Era
- Opportunities for Women’s leadership

Dr. Ruomei Li

Electrical Engineer
EC, World Federation of Engineering Organizations (WFEO)
WIP Chair, IEEE PES

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Future Energy Trend: Green, Distributed, Diversity

**Green Energy**

1. **Resource:** Wind, Solar, Water, Geothermal, Biomass, Biogas
   
   **Utilization:** Generating Electricity, Heating/Cooling,

**Distributed Structure**

2. Local/home & Motive Supply, Micro-Grid, Middle & Small Capacity

**Diversification**

3. Multi-Supply: Electricity, Heating/Cooling
   
   Multi Consumption: Lighting, Air Conditioner, Water Heater, Power, Electric Car, Mobile, etc.
Energy Revolution

Yesterday
Concentrated, fossil fuel energy

Today
Distributed, renewable energy

The change is not only on the technology, but also on business mode and social structure.
Energy Revolution

Grid interconnection

Energy storage

Roof top solar & microgrid

Digitalization

Power Market

New business models

Cross-border fusion, Innovation Integration
Energy Revolution will bring..  

- More convenient and healthier
Energy Revolution will bring..  

- consumer $\Rightarrow$ producer + consumer
Energy Revolution will bring..

- More job opportunities
Energy Revolution will bring...

- More channels for growth, learning and teaching...
What changes brought by energy revolution?

The traditional energy system based on the fossil system is centralized stratification, while the new system include the resources of solar or wind, could be from any roofs, school gardens, together with energy storage, are mostly distributed with diversity. The energy suppliers are no longer limited in a few big companies, but thousands upon thousands small companies or family suppliers.
What the change has brought by Renewable

The change: Technical structure of the supply system, Market regulations, User ↔ Supplier. Traditional industry has to be gradually withdrawn, new service industry is emerging. Working time can be flexible. No physical labor. More jobs in Manufacturing, Installation, Maintainance
Women’s special advantage

✓ Network Thinking
✓ Environment Sensibility
✓ Social Capability
✓ Marketing Talent

The customers need energy services on convenience, resilience, economic, reliable, reliable,

In this age of energy revolution, there are great opportunities for women to win the leadership and play the key function!
We Make the World Cleaner & Better

More renewable energy in replace of fossil energy, CO2 is to reduce, Global climate change can be controlled. More job opportunities. More technology innovations.

*We women empower the world!*
Women Role Model

WFEO’s international influence has been increasing

Global women & young engineers status are well improved

WFEO has played good function in engineering capability building

Dr. Marlene Kanga
President of WFEO
Role Model

Queen Mother Dr. Delois Blakely

Community mayor of Harlem, New York

The ambassador of Goodwill to Africa

The founder of New Future Foundation

Champions the aspirations of women, children and youth

Champions’ education, basic business training, microcredit, entrepreneurship
Thank you for your time!

Dr. Ruomei Li