

“TERA-Award” the first smart energy innovation competition top 20 finalists announced

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“TERA-Award” has received 208 submissions from over 23 countries and regions including China, Singapore, the United Kingdom, the United States and so on. The top 20 finalists have been shortlisted for the second round assessment. The top 10 finalists will be invited to present their projects to experts and judges from worldwide in November 2021.

The top 20 finalists and their business plan ideas are as follows:

Project Title	Company Name	Country/Region
动力电池梯次利用储能平台	动力电池梯次利用储能平台AlitaPower	Mainland China
异质结电池	国家电投集团新能源科技有限公司	Mainland China
燃料电池电站 (氢储电站)	浙江高成绿能科技有限公司	Mainland China
Modular equipment to produce H2	Utility Global Inc	United States
等离子激元 (Plasmon) 催化CO2合成燃料技术	北京光合新能科技有限公司	Mainland China
钙钛矿/晶硅叠层太阳能电池技术	深圳黑晶光电技术有限公司	Mainland China
Solid-State Li-ion Battery (SSB)	Solid-X Limited	Hong Kong China
Hybrid marine renewable storage system	CPE Global Ltd	United Kingdom
高温燃料电池电堆产业化项目	浙江氢邦科技有限公司	Mainland China
Thermally modulated battery	EC Power Group, Inc.	United States
液态阳光甲醇合成	中国科学院大连化学物理研究所	Mainland China
新能源汽车车载动力电池检测系统	盛德东南 (福建) 新能源科技有限公司	Mainland China
低成本高效能阴离子交换膜制氢 (AEM) 技术	Greendrogen	United States
氨動力燃料電池電動汽車	The Hong Kong Polytechnic University	Hong Kong China
综合智慧能源管控与服务平台	国核电力规划设计研究院有限公司	Mainland China
Dual-ion battery	City University of Hong Kong	Hong Kong China
Advanced Vanadium redox flow battery	VFLOW TECH PTE LTD	Singapore
智能微网双碳大脑技术	国家电投集团科学技术研究院有限公司、上海方融科技有限责任公司	Mainland China
铁-铬液流电池储能项目	北京和瑞储能公司铁-铬液流电池储能项目	Mainland China
Safe and Low-cost Flow Battery	Luquos Energy Limited	Hong Kong China