

RD20, Tokyo

King Abdullah City for Atomic and Renewable Energy – Saudi Arabia

11 October 2019



مدينة الملك عبد الله للطاقة
الذرية والمتجددة K.A.CARE



Vision 2030

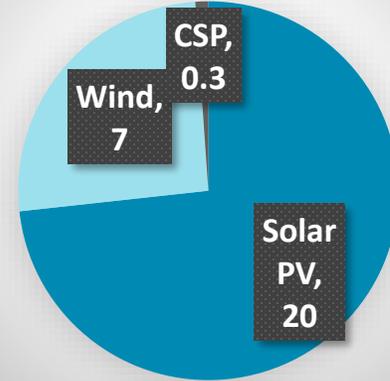


المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

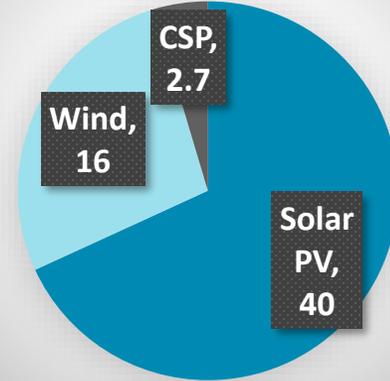


National Industrial
Development and
Logistics Program

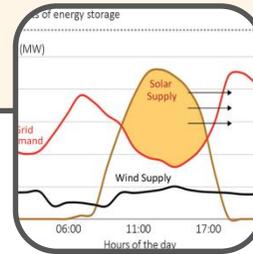
2024 Target (GW)



2030 Target (GW)



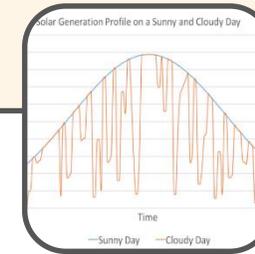
Challenges



Demand-Supply
Matching

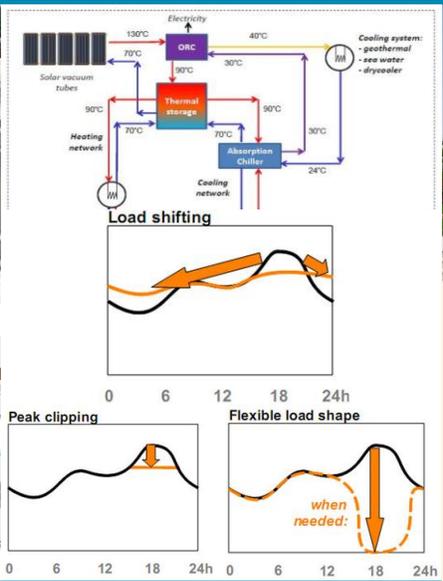


Predictability



Intermittency

Technology Localization

<p>Solar Heat for Industrial Processes</p>	<p>Solar Cooling</p>	<p>Energy Storage</p>	<p>Renewable Polygeneration</p>	<p>Renewable Energy in Building</p>
				
<p>Renewable Desalination</p>	<p>Shallow Geothermal</p>	<p>Renewable Energy Integrated Microgrids</p>	<p>Demand Side Management</p>	

Universities Collaboration



Fellowship Program

Entrepreneurship Program

Senior Projects

MSc and PhD Research Programs

Postdoc Program

Standards



GCC Electrical
Testing Laboratory
المفتبر الفليبي لفحص المعدات الكهربائية



الهيئة السعودية للمواصفات والمقاييس والجودة
Saudi Standards, Metrology and Quality Org.

PV Module Standards

PV Components Standards

PV Standards Roadmap

Storage Standards
Roadmap

Micogrid Standards
Roadmap



Policy and Regulation



Renewable Energy Targets

Solar PV Small Scale
Distributed Generation