









- reed information into RedDOC development
- Prepare to engage with industry, the public, and government stakeholders to answer questions

**Drive Readiness Preparations** 

Canadian Nuclear Safety Commission de súreté nucléaire			Car
Conventiona	al Grid SN	٨Rs	
Vendor	Output MWe / MWth pe module	Reactor Type	Activities using these technologies would be licensed under existing NPP requirements and
KAERI – SMART	100 / 330	Integrated PWR	guidance such as:
(Republic of Korea) CNNC ACP-100 (China)	100 / 310	Integrated PWR	<ul> <li>REGDOC 2.5.2 "Design of Reactor Facilities: Nucle</li> </ul>
Generation mPower (USA)	180 / 530	Integrated PWR	Power Plants"
NuScale Power Inc. (USA)	45 / 160	Integrated PWR	- REGDOC 2.4.1 "Deterministic Safety
Westinghouse SMR (USA)	225 / 800	Integrated PWR	Analysis" & 2.4.2 "Probabilistic Safatu
Hitachi-GE DMS (Japan)	300 / 840	Boiling Water Reactor	Assessment" (PSA) for
Terrestrial Energy IMSR	120 / 300	Molten Salt Reactor	Nuclear Power Plants
(Canada/USA) 2 designs	288 / 600		- אט-346 Site Evaluation for New Nuclear Plants
Canadian Nuclear Commission canadienne			Car
1.11:	C	CN 4D - (4)	
Off-grid/edg	e of grid	SMRs (1)	
Off-grid/edg	e of grid	SMRs (1) Output MWe / MWth per modul	Reactor Type
Off-grid/edg Vendor	eration)	Output Output MWe / MWth per modul 2.5 / 20	Reactor Type e Integrated PWR - Sealed transportable core
Off-grid/edg Vendor NIKIET UNITHERM (Russian Fed Global First Power/Ultra Safe N	eration) uclear	Output Output MWe / MWth per modul 2.5 / 20 5/(12?)	e Reactor Type Integrated PWR - Sealed transportable core High Temperature Gas / Triso fuel - Sealed transportable core
Off-grid/edg Vendor NIKIET UNITHERM (Russian Fed Global First Power/Ultra Safe N StarCore Nuclear Inc. (Canada)	e of grid	Output MWe / MWth per modul 2.5 / 20 5/(127) 10/35	e Reactor Type Integrated PWR - Sealed transportable core High Temperature Gas / Triso fuel - Sealed transportable core High Temperature Gas / Triso fuel - Sealed transportable core
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