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BWRX-300 PROJECT UPDATE

Fast electrification for nations and customers

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BWRX-300 | Small Modular Reactor

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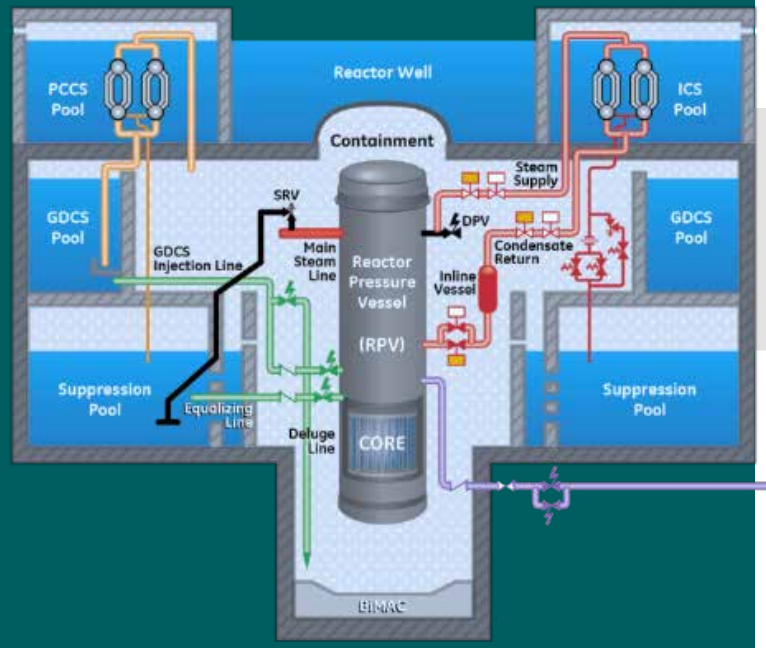
Breakthrough innovation driving dramatic simplification and cost reduction

- Patented innovation driving simplicity
- Enables dramatic design simplification and elimination of unnecessary systems
- reduction in construction materials **per MW**
- **Cost competitive** with other generation sources

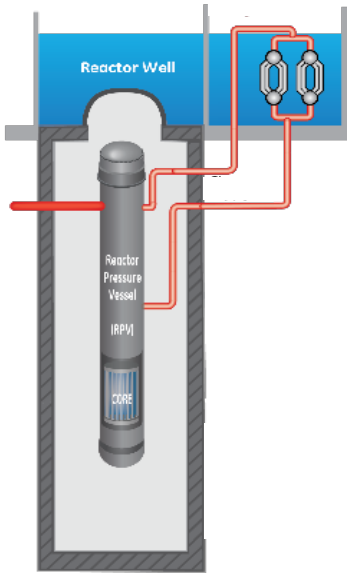
ESBWR



SIGNIFICANT volume reduction

Borated Water

BWRX-300



Source: GVH internal analysis

BWRX-300 COMMERCIAL ACTIVITY

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TVA, OPG, Synthos Green Energy, Duke Energy, and GE Vernova Hitachi sharing in the investment to develop the

BWRX-300
STANDARD DESIGN

NORTH AMERICA

Canada; Ontario Power Generation (OPG)
Construction underway for 1st unit at its Darlington site with 3 additional units planned. Application for License to Operate submitted for Unit 1.

Canada; SaskPower
Agreement to collaborate on project planning and to share expertise.

US; Tennessee Valley Authority (TVA)
Construction Permit Application docketed by the Nuclear Regulatory Commission at its Clinch River site. Awarded $400 million grant by Department of Energy to advance the BWRX-300.

U.S. Department of Commerce & Japan Partnership
$40B to deploy 3GW of BWRX-300 at TVA's Clinch River and Bellefonte sites.

US; Blue Energy
Planning a BWRX-300 at its first site in Texas, subject to a final investment decision.

US; Elemental
Early Works Agreement for 1.5 GW project in Southeast Ohio.

EUROPE

Sweden
Studsvik selected GVH and Samsung C&T to advance a 4-unit BWRX-300 project at Nyköping or Målma, w/ first unit targeted mid-2030s.

Poland
GVH and Orlen Synthos Green Energy (OSGE) agree to advance Polish design of BWRX-300, inc. investment.

Estonia
Fermi Energia applied to begin site selection for two BWRX-300 SMRs.

UK
GVH BWRX-300 SMR completed Step 2 of GDA process in the UK; SGE plans 14 BWRX-300s on three sites in the UK.

FROM CONCEPT TO REALITY

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NOW UNDER CONSTRUCTION

at Ontario Power Generation's Darlington New Nuclear Project site

FROM CONCEPT TO CONCRETE

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FROM CONCEPT TO COMPONENTS

FABRICATION ONGOING

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