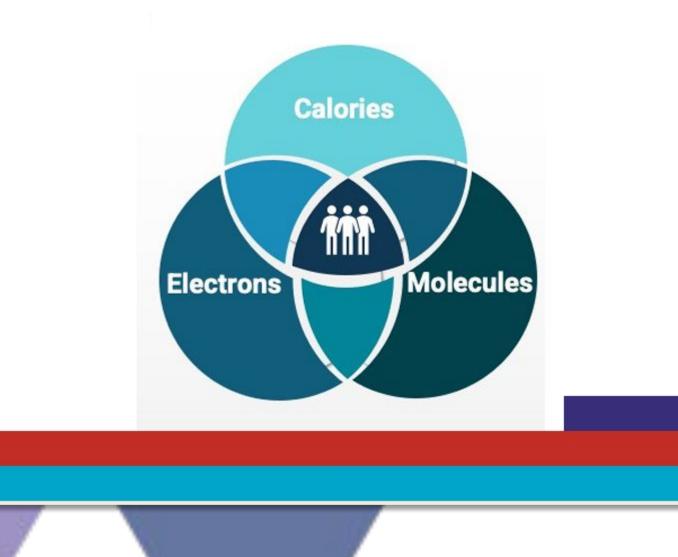


Emerging Energy Policy Framework and Considerations





HUMAN-CENTRIC ENERGY POLICY FRAMEWORK



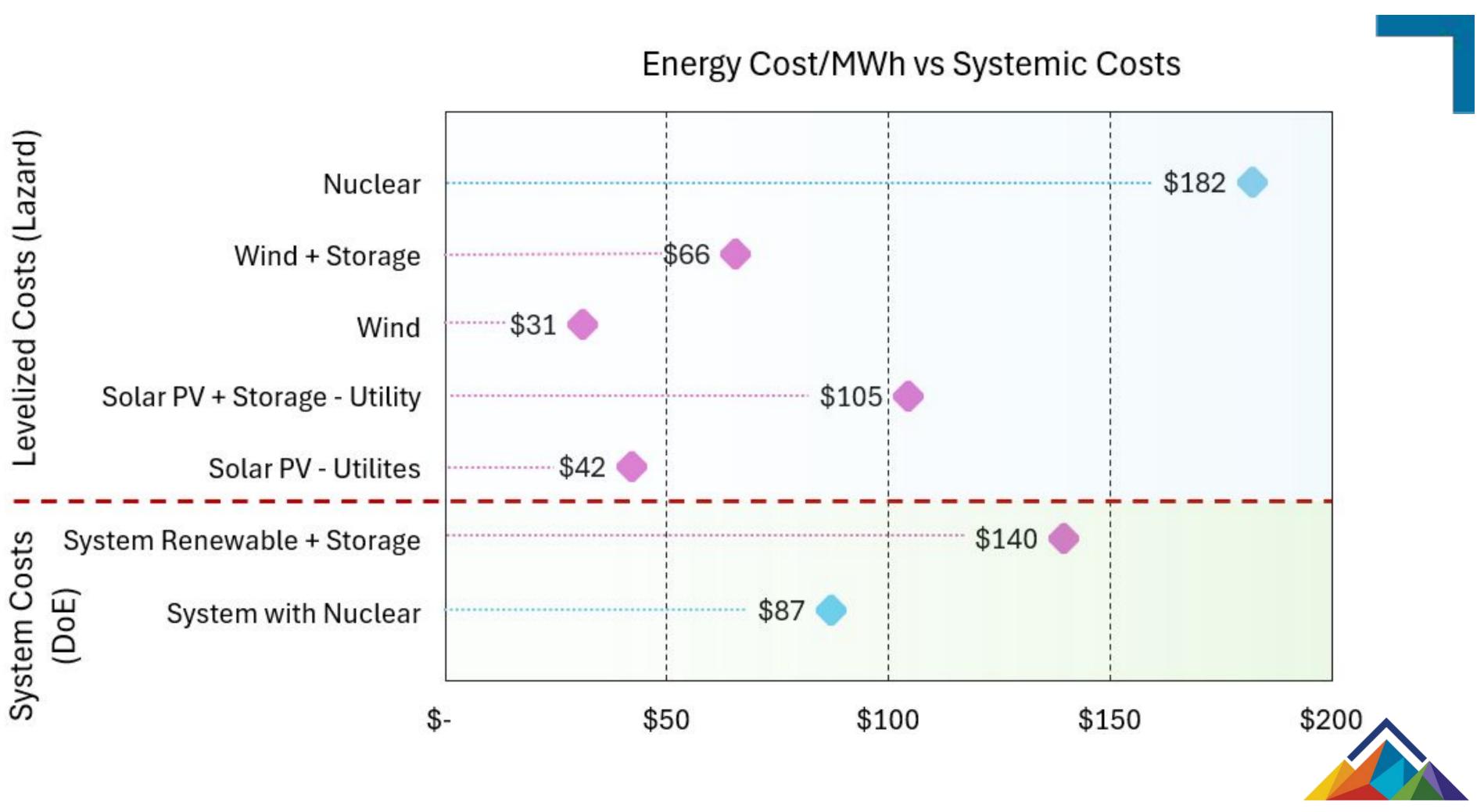


PRINCIPLE-BASED STRATEGIC FRAMEWORK



Energy Cost/MWh vs Systemic Costs





Strategic Energy Framework

| 03 | Adopt Emerging Technologies | Data Driven Targeted De Utah Comp |
|----|--------------------------------|---|
| 02 | Develop New Supply | Targeting P Enabling In Evaluate & S Process |
| 01 | Preserve Existing Supply | Defending l Technologie Improving F |

Utah's Energy Security ical Improvements Political Certainty

Proven Technologies Ifrastructure Development Streamlining Regulatory

n, Policy Considerations Development Process Detitiveness



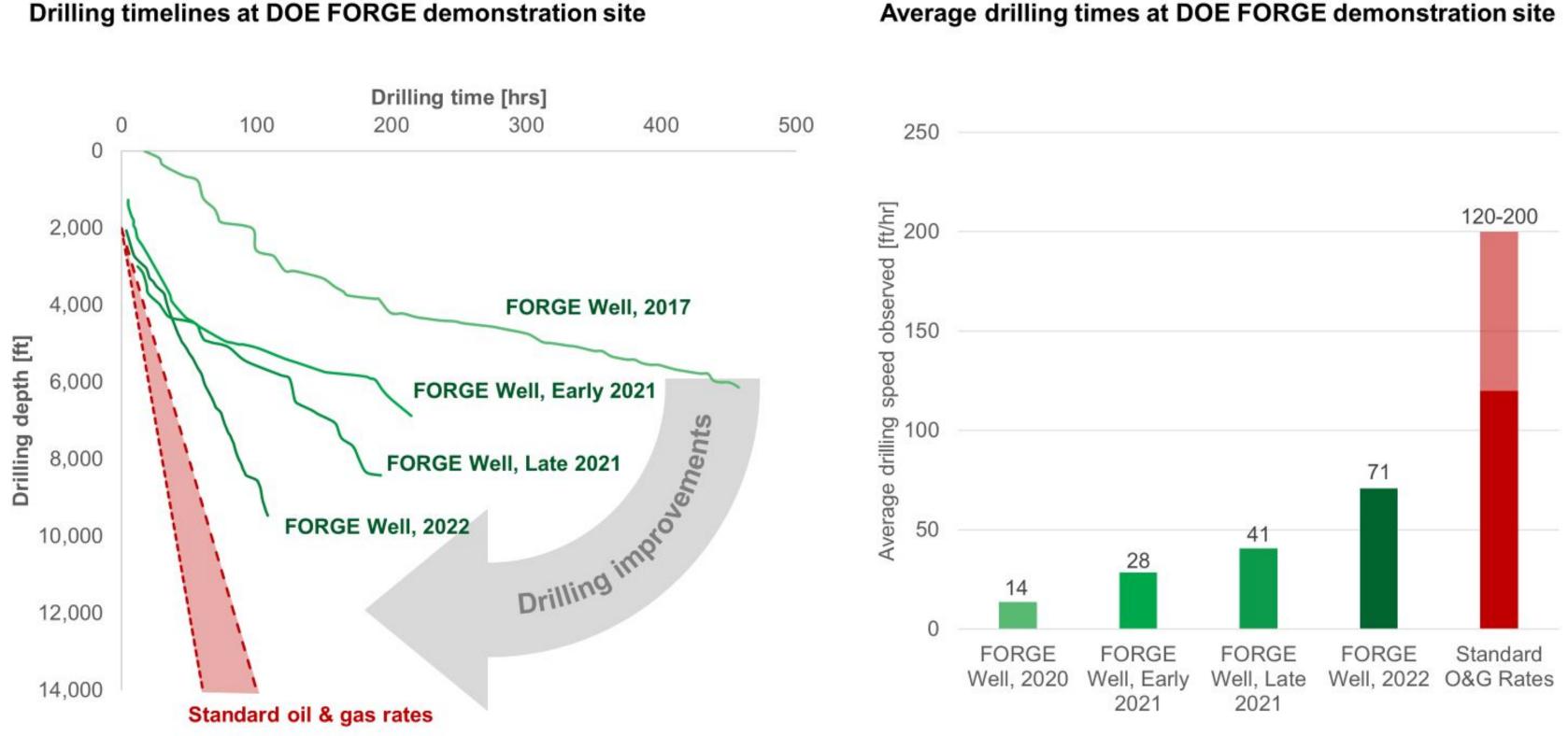
9 Step Emerging Technology Framework

- 1. Assign Development Specialists
- 2. Conduct Stakeholder Outreach
- 3. Identify Viable Sites
- 4. Determine Gaps
- 5. Leverage Data Collection and Analysis
- 6. Secure supportive Grants and Other Funding
- 7. Consult with Industry and Regulatory Experts
- 8. Monitor and Evaluate Project Implementation
- 9. Continue Improvement

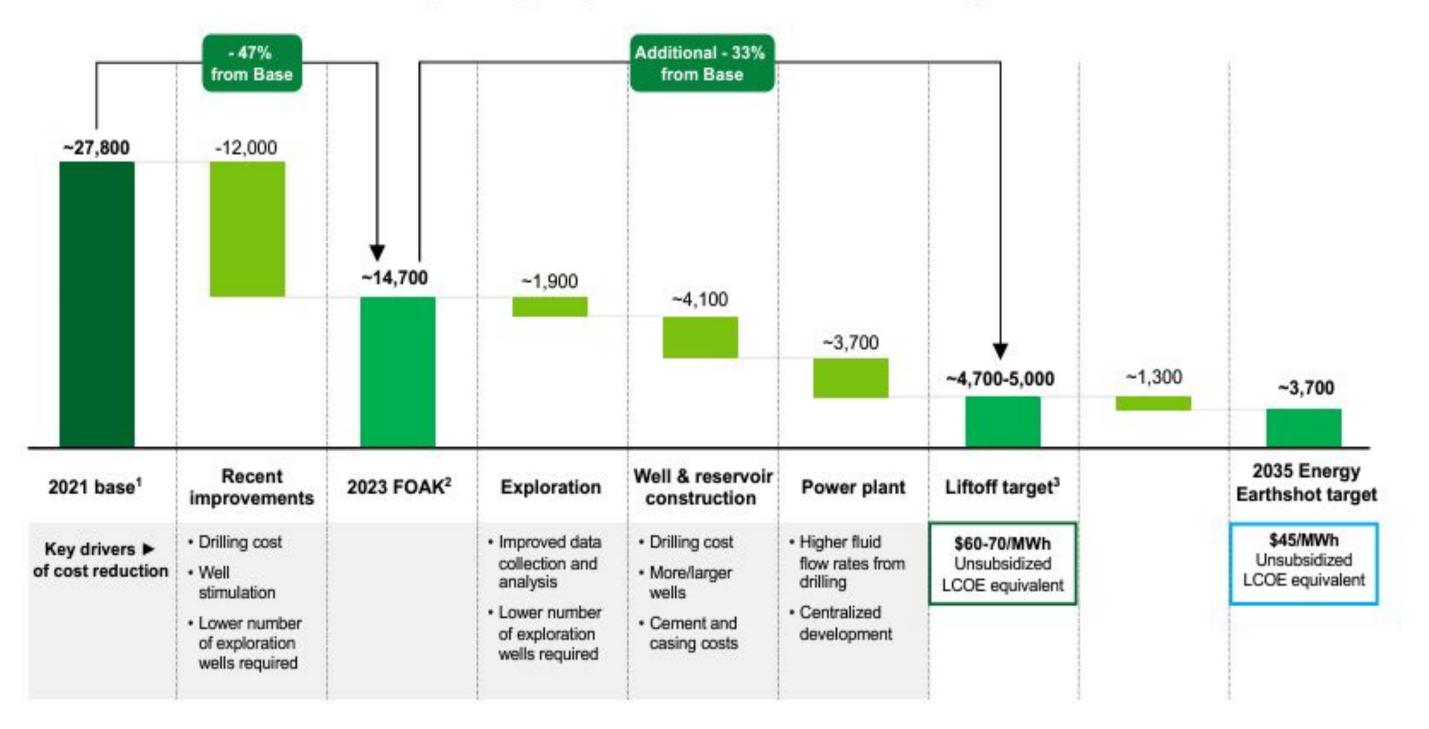
ysis er Funding ory Experts ementation



Drilling timelines have shown remarkable improvement in 3 years, driving cost reductions





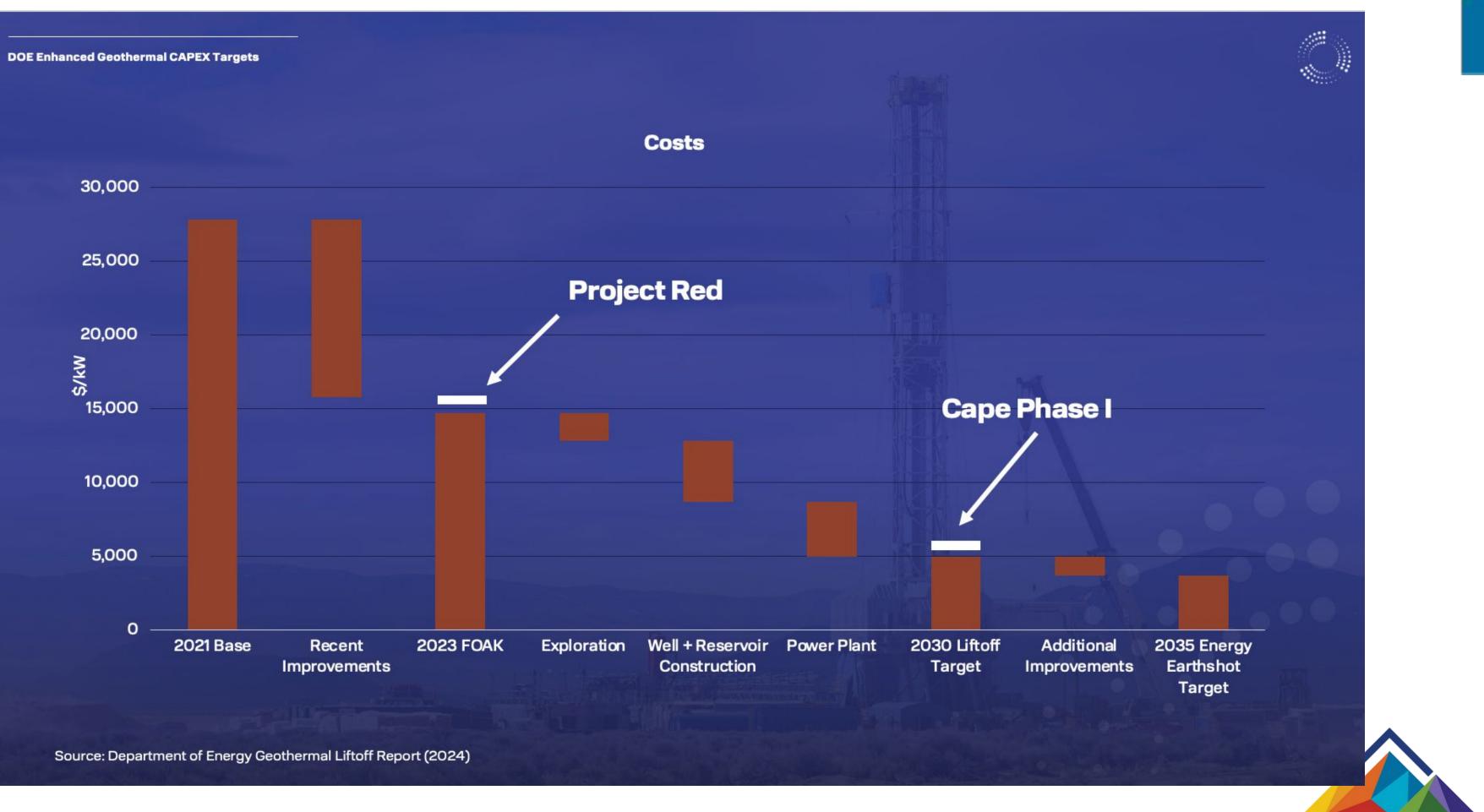


Potential reduction in national average overnight capital costs for Enhanced Geothermal Systems, \$/kW

Figure 11: Cost reduction waterfall for EGS

j Notes: 1. NREL ATB 2021 Base Case 2. NREL ATB Advanced Case 3. 2030 target based on trajectory to Energy Earthshot 2035 target







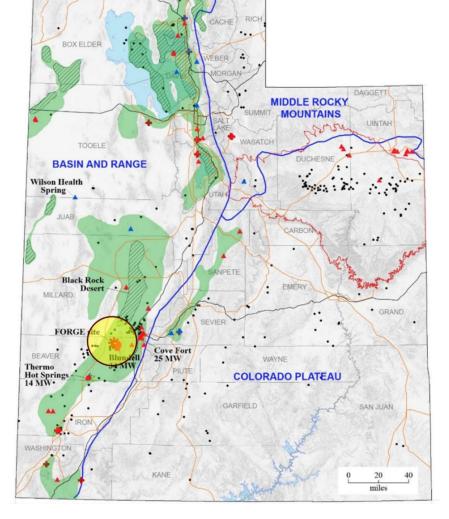


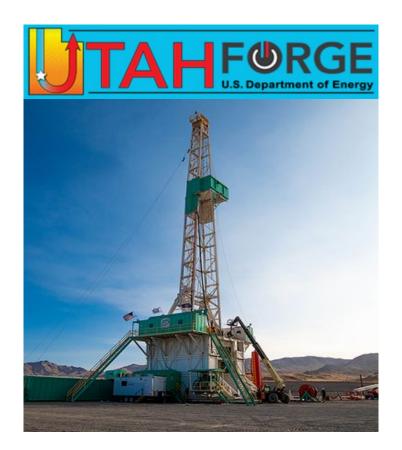
Nuclear Energy Pathways Series

- Direct result of pursuing solutions that meet the state energy plan
- Seek expert feedback, consult with stakeholders, drive to a utility-scale deployment Ο
- Consider the entire nuclear picture, from siting to legislation to education to waste Ο

Advanced Geothermal

- Great potential to meet every state attribute and be widely deployed Ο
- Working with UGS to quantify geothermal resource across Utah \bigcirc
 - resource value

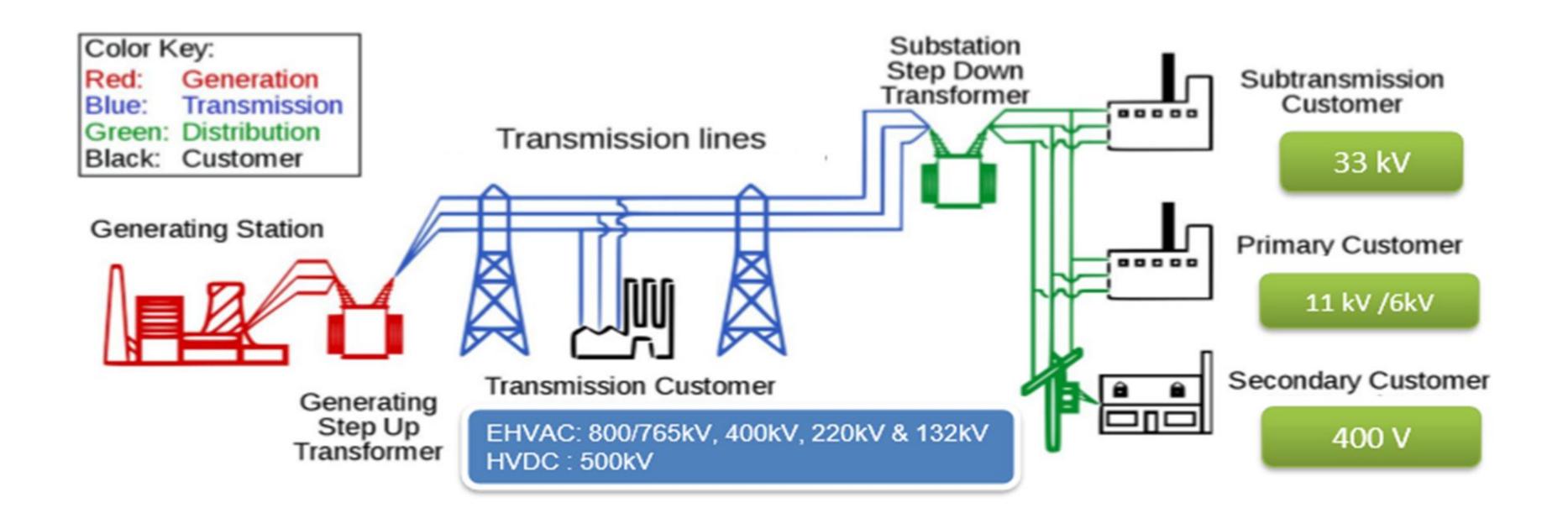




• Quantifying the subsurface characteristics for a better understanding of



Grid Integration





Thank you!



