


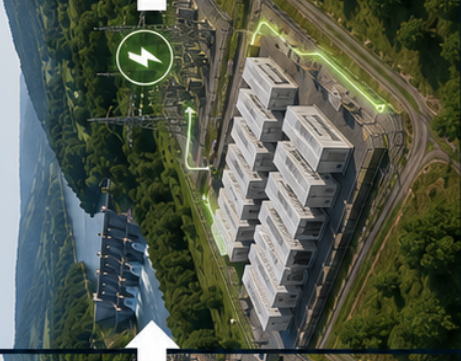




BESS PROJECT SEQUENCE – CENTRAL GERMANY

<p>1</p> <p>PLANNING & SITE IDENTIFICATION Land near substation and hydropower identified</p> 	<ul style="list-style-type: none"> Proximity to substation and hydropower Grid access & capacity analysis Environmental & land assessments Site secured and prepared 	<ul style="list-style-type: none"> Person icon Power lines icon Leaf icon Checklist icon 	<p>0 – 3 MONTHS</p>
<p>2</p> <p>SITE PREPARATION & ENGINEERING Land prepared and engineering finalized</p> 	<ul style="list-style-type: none"> Ground works and infrastructure preparation Access roads and foundations Engineering, design and permitting Grid connection planning 	<ul style="list-style-type: none"> Warning sign icon Construction icon Document icon Gear icon 	<p>3 – 6 MONTHS</p>
<p>3</p> <p>BESS INSTALLATION Delivery and installation of battery systems and equipment</p> 	<ul style="list-style-type: none"> Delivery of battery containers and components Installation and system integration Electrical and control system connections Testing and commissioning 	<ul style="list-style-type: none"> Battery icon Wrench icon Wiring icon Gear icon 	<p>6 – 12 MONTHS</p>
<p>4</p> <p>CONNECTION TO GRID BESS connected to the substation and grid</p> 	<ul style="list-style-type: none"> Grid connection completed Protection and control systems active Safety and performance tests Ready for operation 	<ul style="list-style-type: none"> Power lines icon Shield icon Gear icon Checklist icon 	<p>12 – 15 MONTHS</p>
<p>5</p> <p>OPERATION & ENERGY MANAGEMENT Storing energy when available and supplying when needed</p> 	<ul style="list-style-type: none"> Store excess renewable energy Release during peak demand Smart energy management and trading Improved grid stability and efficiency 	<ul style="list-style-type: none"> Lightning bolt icon Storage icon Wiring icon Wiring icon 	<p>ONGOING</p>
<p>6</p> <p>VALUE & IMPACT Reliable, sustainable and economic energy for Central Germany</p> 	<ul style="list-style-type: none"> Grid stability and resilience Integration of renewable energy Economic value and cost savings Lower emissions and sustainability 	<ul style="list-style-type: none"> Shield icon Leaf icon Money icon CO2 icon 	<p>LONG TERM IMPACT</p>