














<div>Notes</div> <div>220.0/20.0 kV simple busbar is an outdoor air-insulated substation. 20.0 kV switchgear is indoor type. The buses are 200.0/184.0 mm</div> <div>CHARACTERISTICS OF THE HV: 220.0 kV Maximum voltage for the system: 245.0 kV Lightning withstand voltage: 1050.0 kV Short-circuit level: 50.0 kA Number of transformer bays: 2 Number of output bays: 1 Substation arrangement: simple busbar</div> <div>CHARACTERISTICS OF THE HV/MV: 220.0/20.0 kV Number of power transformers: 2</div> <div>CHARACTERISTICS OF THE MV: 20.0 kV Number of output lines: 2 Number of incoming lines: 15 MV cubicles arrangement: simple busbar Maximum voltage for the system: 24.0 kV Lightning withstand voltage: 145.0 kV Short-circuit level: 25.0 kA</div>			
<div>Legend</div> <div><div></div><div>Circuit breaker</div></div> <div><div></div><div>Current Transformer</div></div> <div><div></div><div>Disconnecter</div></div> <div><div></div><div>Earthing Disconnector</div></div> <div><div></div><div>Fuse</div></div> <div><div></div><div>Grounding Device</div></div> <div><div></div><div>Surge arrester</div></div> <div><div></div><div>Voltage Detector</div></div> <div><div></div><div>Three Phase</div></div> <div><div></div><div>Voltage transformer</div></div> <div><div></div><div>Power transformer</div></div>			
00	FIRST VERSION	RP	2024-03-25
REV	DESCRIPTION	BY	DATE
<div>FOR INFORMATION ONLY</div>			
<div><div> RatedPower</div><div>A PART OF ENVERUS</div><div>www.ratedpower.com</div></div>			
<div><div> RatedPower</div><div>A PART OF ENVERUS</div></div>			
<div>PROJECT:</div> <div>Enio - Capacitor Bank Webinar</div>			
<div>DRAWING:</div> <div>simple busbar - Substation SLD</div>			
<div>SCALE:</div> <div>Not to scale</div>		<div>SHEET:</div> <div>1 / 1</div>	
<div>REVISION:</div> <div>00</div>		<div>DATE:</div> <div>2024-03-25</div>	
<div>DIN A3</div>			