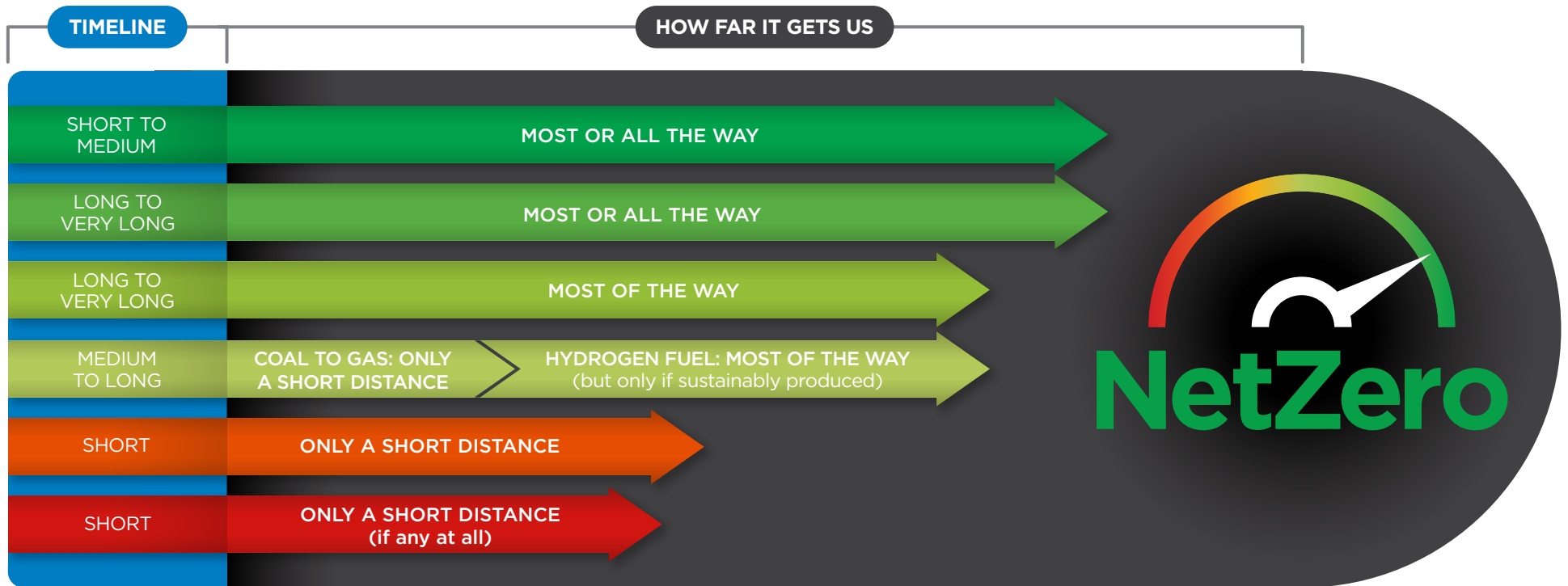


Pathway to Decarbonization for the Power Sector

How can the power sector reach a carbon-neutral future?



ROADBLOCKS	Carbon Capture & Storage (CCS)	Renewable Energy	Nuclear Energy	Fuel Switching	Efficiency Improvements	Carbon Offsets/ Trading
	<ul style="list-style-type: none"> Infrastructure upgrades Finding suitable geologic storage Some energy loss during capture 	<ul style="list-style-type: none"> Intermittent generation Grid stability/energy storage Land/permitting issues 	<ul style="list-style-type: none"> Substantial capital investment Public perception/permitting issues Waste disposal Safety 	<ul style="list-style-type: none"> Limited availability of green hydrogen Substantial infrastructure upgrades 	<ul style="list-style-type: none"> Diminishing returns over time 	<ul style="list-style-type: none"> Power plant emissions not actually reduced Market/regulatory environment "Greenwashing" perception