Plugging in at ports with onshore power supply (OPS) allows ship engines to be switched off, reducing emissions by up to 98%, depending on the mix of energy sources, according to studies conducted by a number of the world’s ports and the U.S. Environmental Protection Agency.

Onshore power supply (OPS) is also referred to as shoreside electricity (SSE), shore connection, shore-to-ship power (SSP), alternative marine power (AMP), high-voltage shore connection (HVSC), or cold ironing.