

Ports with at least one cruise berth with Onshore Power Supply (OPS)



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 maritime power (AMP), high-voltage shore connection (HVSC), or cold ironing.



ACTIVE 33

- CANADA** Halifax, NS | Montreal, QC | Vancouver, BC
- CHINA** Qingdao | Shanghai | Shenzhen | Tianjin | Xiamen
- DENMARK** Aarhus
- GERMANY** Hamburg | Kiel | Rostock
- ICELAND** Hafnarfjörður
- LATVIA** Ventspils
- MALTA** Valletta
- NETHERLANDS** Rotterdam
- NORWAY** Ålesund | Bergen | Karmund | (Haugesund) Kristiansand | Oslo
- SOUTH KOREA** Incheon (Seoul)
- SWEDEN** Stockholm | Verkö
- UK** Southampton
- USA** Brooklyn, NY | Juneau, AK | Long Beach, CA | Los Angeles (San Pedro), CA | Miami, FL | San Diego, CA | San Francisco, CA | Seattle, WA

FUNDED 24

- AUSTRALIA** Sydney
- CANADA** Victoria, BC
- FRANCE** Marseille | Toulon
- GREECE** Piraeus (Athens) | Heraklion
- ITALY** Genoa | La Spezia | Livorno | Civitavecchia (Rome) | Savona
- NETHERLANDS** Amsterdam
- NORWAY** Flåm | Fredrikstad | Lyngdal | Skjolden | Stavanger | Tromsø
- SPAIN** Barcelona | Bilbao | Cádiz | Tarragona
- UK** Portsmouth
- USA** Seward, AK

PLANNED 18

- CHINA** Guangzhou | Sanya
- DENMARK** Copenhagen | Fredericia | Skagen
- ESTONIA** Tallinn
- FINLAND** Helsingki | Mariehamn
- FRANCE** Le Havre
- GERMANY** Bremen
- ICELAND** Reykjavik
- NORWAY** Arendal | Trondheim
- SWEDEN** Goteborg (Gothenburg) | Helsingborg (Scania)
- UK** Tyne
- USA** Fort Lauderdale, FL | Galveston, TX