

3 Reasons Why BPS' Shore Power Crushes The Competition

- 1. Power from a central power grid is not required.** This is major. Bureaucratic approvals, construction of electrical interfaces and restrictive pricing are not a factor.
- 2. The port makes money and ship owners save money.** Costs are so much lower for installation and operations that shore power can live up to its intended purpose. With BPS, shore power costs much less than ship owners would otherwise pay by keeping their engines running for "hotel power." Compliance is a problem at many ports because ship owners say costs are too high.
- 3. It's not just shore power.** It's also emergency backup power. Independence from the grid is a key BPS' selling point. Our power generation technology is so advanced that we don't need it. At a time when many ports are spending millions on "sustainable energy" systems to support emergency services if disaster strikes, BPS' shore power clients are already prepared. Unlike solar and wind turbine systems, BPS' hydrogen generators are energy dense, strong and compact. They are easily hardened to withstand powerful hurricanes and earthquakes and can be deployed in redundant configurations. With such a system in place, switching power to emergency services becomes easy.

Shore Power Doesn't Have To Be Expensive

As everyone in the maritime industry knows, the world is getting serious about reducing emissions. And as pressures mount to control port emissions, the cost of shore power setups is growing, too. For example, Canada's Victoria Cruise Ship Terminal at Ogden Point recently put the cost of a new installation at about \$15-million. And this is before external power costs are added in.

Fortunately Bailey Power System's new, patented technology allows us to provide shore power systems for much less than \$15-million. And because ports can make their own power from seawater with our technology, they have the best tool of all for controlling costs. Call us for details.



BAILEY POWER SYSTEMS

Miami Office

200 S. Biscayne Blvd.
Suite 2790, Miami, FL
+1 (305) 714-9459
Ext. 1

Sydney Office

Level 29
Chifley Tower
2 Chifley Square
Sydney NSW 2000
Australia
+61 2 9238 4237

www.baileypowersystems.com

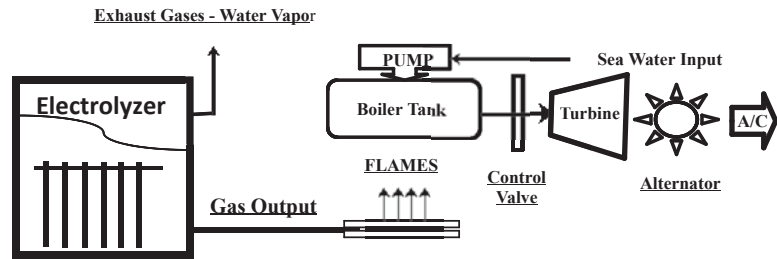
Shore Power Made From Seawater!

New Patented Technology
1 to 6 Megawatts

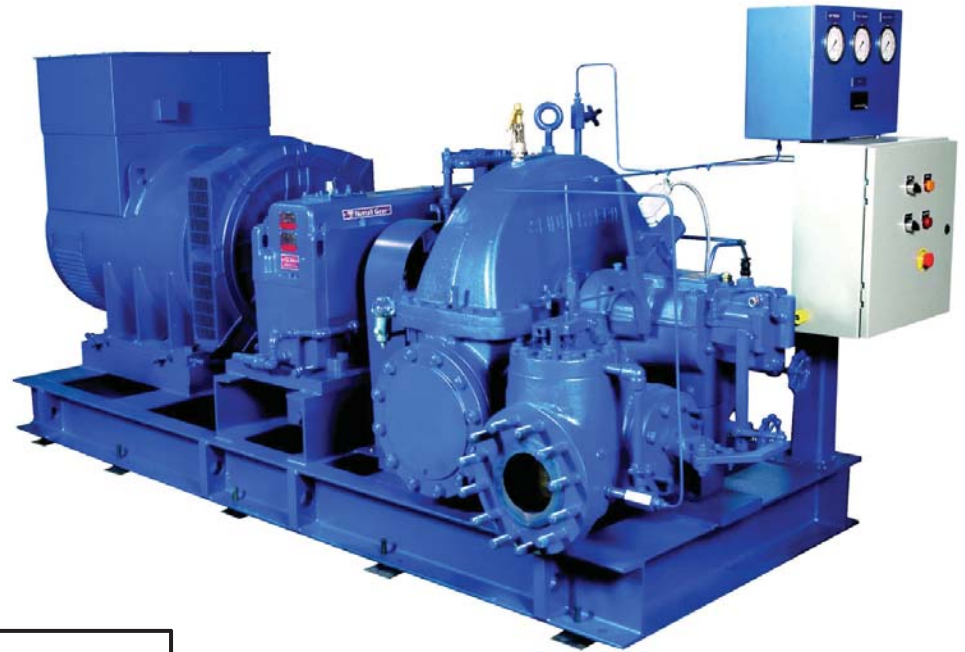


Hydrogen Made At Port
From Seawater
Makes Shore Power
Affordable

Breakthrough, Patented Technology By Bailey Power Systems Makes Inexpensive Shore Power On Site From Hydrogen



The Basics: Our electrolyzer (diagram above, left) produces high volume hydrogen onsite from seawater via our patented, low power process. The hydrogen is burned to heat water in a boiler tank, turning it into steam, which drives our steam turbine (above, right) and an alternator/battery charging system. The process is pollution free—producing only saleable distilled water as a byproduct.



World's Most Powerful Hydrogen Electrolyzer



Patented, ionic-plasma technology enables inexpensive, high volume hydrogen production onsite from water. For the first time, hydrogen can be generated where needed, which transforms its "usability" as a fuel..

50 GPM Steam Generator

- Burn Rate 70,000 cubic ft/hr.
- Steam Pressure 450 psi
- Steam Temperature 750 F
- Power Output—3,000 hp
- Alternator Rotation Speed—1800
- Alternator Output—2 Mw
- Distilled Water Output—30GPM
- Gross Operating Cost—\$15,000/mo.