

# Royal Beach, Tel-Aviv

Total Annual Savings  
**\$146,000**



The luxurious Royal Beach Tel Aviv hotel is located along the coastline and features 230 fancy rooms, a spa with saunas, a large heated pool, a restaurant, among additional amenities. The 5-star hotel was opened for business in 2013.

With hot mediterranean weather and consequently high year-round energy consumption, the hotel was seeking a way to reduce its energy costs. The general management decided to install the Hydra Balance as its solution of choice. The system was installed in August, 2015 – bringing immediate savings and pollution reduction.

Annual pollution reduction:  
**CO<sub>2</sub> ==> 200<sup>tons</sup>**

## ANNUAL FIGURES

Water heating diesel fuel consumption	144,000 liters
Heating costs (before)	\$190,000
Heating costs (after)	\$44,000
Savings (%)	77%

## PROJECT INFO

Uses of heating energy	Showers, outdoor pool, indoor space, kitchen
Installed system	Hydra Balance, 250kW
Date of installation	August 2015
Annual % Diesel reduction	90%

*"The recent installation of Hydra Balance on our premises turned out to be a wise move. Our post-installation Diesel costs were reduced by 70% to 80%. The Phoebus hybrid alternative answered to both our environmental and financial needs."*

- Mr. Meir Galil,  
Maintenance Manager

\* All figures reflect the results of the first 6 months post-installation