

Sheraton, Puerto Rico



Total Annual Savings \$124,000

The Sheraton Puerto Rico Hotel & Casino is a 4-star hotel situated in Puerto Rico in the Convention Center District of San Juan. The Hotel has 503 rooms and suites, a commercial kitchen, a fitness center and an outdoor heated pool. All users directly influence the Hotel's heat consumption throughout the year.

For some time, the hotel management had been seeking a way to reduce its energy costs and emissions, without replacing any of its existing water-heating systems. For this purpose, the Hydra Balance was finally selected to be installed in September, 2015.

Annual pollution reduction: CO₂ ⇒ 100^{tons}

"We're very pleased with the recent installation of Hydra Balance by Phoebus Energy. From the moment the system started operating, we noticed a big drop in our boiler usage, which translates into a reduction of costs and pollutants".

- Mr. Ivan Alsina,
Director of Engineering

ANNUAL FIGURES

Water heating gas consumption	50,000 Therms
Heating costs (before)	\$177,000
Heating costs (after)	\$53,000
Savings (%)	70%

PROJECT INFO

Uses of heating energy	Showers, outdoor heated pool, sports center, indoor space, kitchen
Installed system	Hydra Balance, 200kW
Date of installation	September 2015
Annual % gas reduction	90%