



Sustainability Report



SOUTHERN PALMS BEACH RESORT, CHRIST CHURCH, BARBADOS

REPORT ON SUSTAINABILITY ACHIEVEMENTS FOR 2017/8.

Submitted December 2018.

2017 and 2018 were tough years economically, not only for Southern Palms, but for Barbados in general. The South Coast was plagued with the Sewerage problem, water issues that affected the Hotel's water supply and the sargassum seaweed on our beaches and in the sea to name a few.

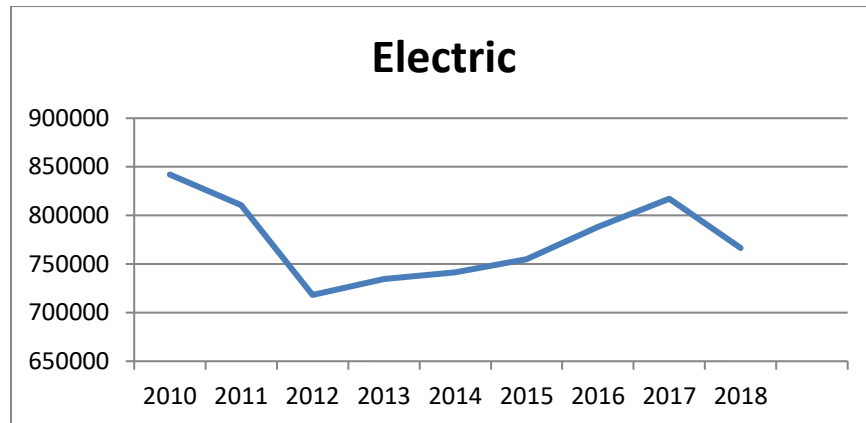


Targets & Performance

The Guest Night Indicator (GNI) is still used. The total GN for 2017 (January to December inclusive) were 35701 which showed a 5.27% increase compared to 33819 for the same period in 2016. Total GN for January to December 2018 were 34074 which compared to 2017's figure of 35701 showed a decrease of 4.56%.

Energy: A target of 3% reduction was set for 2017 and 2018.

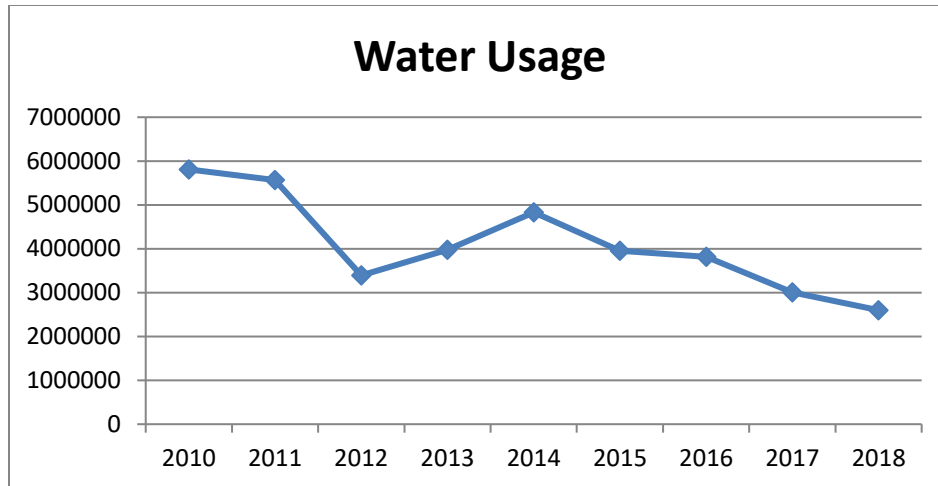
The figures for January to December 2017 showed a 3.55% increase from 2016. A total of 788080kwh were used in 2016 compared to 817076 used in 2017. In 2018 the total kwh for the year was 766453 which was a decrease of 6.20%



The photovoltaic system on Crescent Beach recorded from 19th Dec 2016 to 19th Dec 2017 a total of 9085 kWh sold to the grid at a rate of 0.416 earning a payback of \$3779.35. 2018 showed similar savings from 19th Dec 2017 to 20th Dec 2018 at the same rate for a total of 9795 kWh equaling \$4074.71.

Water: A target of 3% reduction was set for 2017 and 2018.

We could not determine an accurate usage of water for 2017 or 2018. From October 2017 to April 2018 the Laundry meter was not working. This was finally replaced with a new meter in April 2018. Further to this, the meter servicing the Carlisle block, Palm court, Jasmine and the Beauty Salon stopped working from August 2017 and the meter was finally replaced in March 2018. The Banyan & Main Pool meter stopped working in January 2018 and we are still waiting for a new meter.



Waste:

We continue to recycle Newspapers, cans, plastic bottles, cardboard, used cooking oil, Xerox print and toner cartridges, CFL's and paper. We are still working towards increasing our recycling efforts by including the Guest rooms, but to date we ask Guests' to return their Newspapers to Front Desk and the Housekeeping staff recycle the plastic bottles from the rooms.

Recycling of 3390 plastic containers weighing 813.6 lbs in 2017 and 3065 pieces at 736 lbs in 2018 was collected by B's Recycling. Similarly with cans we recycled 2205 pieces (704 lbs) in 2017 and 2335 pieces (749 lbs) in 2018. Glass weighed in at 2218 lbs and 2736 lbs in 2017 & 2018 respectively. The total items recycled in 2017 was 3735.6 lbs and 4221 lbs in 2018.



Unfortunately B's recycling stopped taking Newspapers, but we donate when asked to the RSPCA or Ark Animal Welfare to be used in the kennels. We are currently looking for a new source for them. Cardboard is still collected by B's, but they feed it into a shredder on collection so we don't have a weight.

From March 15th to December 31st 2018 we collated 236 lbs of shredded paper to a small chicken farmer or to be used as horse bedding.



In 2018 we were able to reintroduce the giving of food scraps to either small pig farmers, staff with dogs for dog food and even one person uses it for tortoise food! A total of 5012 lbs was prevented from going in the skip. This included, fish trim, chicken backs, fruit & veg trim. One of the Supervisors in the Kitchen also takes the coffee grounds and egg shells to use for home composting when she is on duty.

Organic Garden:

Betty Babb initiated a small organic garden behind the Restaurant in the Summer of 2017 which has already increased in size. She is currently growing Parsley, Basil, Thyme, Mint, Swiss Chard, Hot Peppers (Scotch Bonnet), Chives, Spinach (red and green vein), Broad Leaf Thyme, Arugula, and 4 different types of Lettuce



for use by the Kitchen. She utilizes some of the used coffee grounds and other compostable goods for here and her home garden when possible and catches water from AC units for use in the garden. A true Green Champion – well done Betty 😊

Water Tanks:



Following the persistent water outages in the area, it was decided to purchase our own water tanks, so in February 2018 nine (9) x 1000 gallon tanks with pumps were installed by Earthsmart as follows:

3 tanks & pump
1 tank & pump
2 tanks & pump
3 tanks & pump

Crescent Block & Pool/Restaurant/Bar
Ladysmith/Capri/Guest Laundry/129/229
Banyan Block/Main Pool/Lobby
Jasmine Block/Palm Court/Carlisle/Beauty Salon



The pump circulates the water from the mains supply, through all the tanks and up to the accommodation blocks so in the event of an outage we still have 9000 gallons of water supply. BWA are also able to fill up the tanks. We monitor water quality & temperature daily.

Further to this, we replaced pipes in the Crescent block situated from the boiler to the building with insulated pipes to maintain optimal temperature.



Solar Water Heating:

Installation of additional solar panels has helped to maintain hot water temperatures to all floors and tests are run daily to maintain temperature.

Endangered Hawksbill Turtles:



We continue to support and assist The Barbados Sea Turtle Project in their endeavors to protect and help the Turtles that nest on our shores.

Whilst the voyage from hatching to the sea was made more difficult in some months, navigating through the seaweed to the ocean, once there it did help camouflage and hide them from predators!



We changed the lights on Banyan block to down lighters to assist in the amount of white light reaching the beach.

Further to this, the floodlights directly facing the beach area were changed to a red hue which does not disturb the nesting females from laying or the hatchlings finding their way to the sea.

We still have some lights on the Property that need to be addressed such as the balconies and patios of some blocks, but we hope to source a turtle friendly bulb which can fit the current fittings without detracting from the light required by our Guests’.



Training and Internships:

Various Staff members & Supervisors in different Departments benefitted from training in 2017. Courses attended included Best Practices, Legionnaire’s Disease, Fraud Training and all Departments had a refresher in Emergency Procedures.

In 2018 the courses included Water Safety, Best Practices, Customer Care, Negotiating, Digital Marketing and BRA TAMIS training. A Fire Drill was also held which all Staff on duty participated in.

Community:

Grace Mapp hosted 12 students from the Seventh Day Adventist Secondary School who participated in Office Procedures in preparation for their School Based Assessment.



Southern Palms continues to sponsor the Barbados Equestrian Association in being able to participate in Regional & International Dressage Shows by accommodating the Officials twice a year.

We also continue to assist the Kiwanis, not only allowing them use of the conference room once per week for meetings at minimal cost, but also supporting their Elderly program by donating food from the Sunday Buffet lunch.

Donations to individuals, sporting clubs, businesses and events are done on a regular basis in the form of food items, drinks, lunches and Staycations to be used as prizes or raffles.