

ENVIRONMENTAL GOALS FOR 2016-2017



Dear All

Please find attached the results from the consumptions and my suggestions for 2016 and 2017 also you will find the results on the targets that we had already set up the previous years.

For April 2016 & 2017

- The consumption of Electricity in KWH for 2016 was 300 % down from 2015 and the one of 2017 was by 50 % higher than the one of 2016 a reason is that on 2017 we had less f overnights than 2016 but we were operating all the facilities.
- The water consumption in cubic meters for 2016 was 200 % down from 2015 and the one of 2017 was by 20 % higher than the one of 2016 a reason is that on 2017 we had less f overnights than 2016 but we were operating all the facilities .

For May 2016 & 2017

- The consumption of **Electricity in KWH/Guest Night** for 2016 was 13.25 while in 2015 was 17.30 and the one of 2017 was higher almost 8 % (14.0591) than the one of 2016 a reason is that on 2017 we had less f overnights than 2016 but we were operating all the facilities .
- **Water Consumption in Cubic Meters /Guest Night** from 2015 is dropping down every year on 2015 it was 0.56, on 2016 was 0.50 and on 2017 was 0.48 meaning that all the measurements and training to our staff is going very good.
- **Petrol Consumption in KWH/Guest Night** from 2015 is dropping down every year on 2015 it was 5.87, on 2016 was 4.10 and on 2017 was 3.93 meaning that all the measurements and training to our staff is going very good.
- **Propane Consumption in KWH/Guest Night** from 2015 is dropping down every year on 2015 it was 3.81, on 2016 was 3.78 and on 2017 was 3.71 meaning that all the new technology purchases in the Kitchen are doing the job that they had to do .

For June 2016 & 2017

- The consumption of **Electricity in KWH/Guest Night** for 2016 was 17.53 while in 2015 was 19.35 and the one of 2017 was less by almost 8 % (16.04) than the one of 2016 which contrary than May our procedures seemed that worked perfectly .
- **Water Consumption in Cubic Meters /Guest Night** on 2015 was 0.44, on 2016 was 0.50 and on 2017 was 0.47 meaning that all the measurements and training to our staff is going very good for 2017.

- **Petrol Consumption in KWH/Guest Night** from 2015 is dropping down every year on 2015 it was 3.88, on 2016 was 1.33 and on 2017 was 1.25 meaning 300 % decrease meaning that they new technology machinery that we took that work with electricity made the difference that we wanted to have and all the measurements and training to our staff is going very good.
- **Propane Consumption in KWH/Guest Night** from 2015 is dropping down every year on 2015 it was 3.55, on 2016 was 3.34 and on 2017 was 2.92 meaning that all the new technology purchases in the Kitchen are doing the job that they had to do and also the training of the staff is also helping towards the goal of minimizing consumptions.

For July 2016 & 2017

- The consumption of **Electricity in KWH/Guest Night** for 2016 was 19.42 while in 2015 was 19.83 and the one of 2017 reduced on 18.18 almost by 8 % than the one of 2016.
- **Water Consumption in Cubic Meters /Guest Night** on 2015 was 0.56, on 2016 was 0.50 and on 2017 was 0.47 meaning that all the measurements and training to our staff is going very good for 2017.
- **Petrol Consumption in KWH/Guest Night** from 2015 is dropping down every year on 2015 it was 2.45, on 2016 was 1.56 and on 2017 was 1.01 meaning 33 % decrease from 2016 meaning that they new technology machinery that we took that work with electricity made the difference that we wanted to have and all the measurements and training to our staff is going very good.
- **Propane Consumption in KWH/Guest Night** from 2015 is dropping down every year on 2015 it was 2.65, on 2016 was 2.83 and on 2017 was 2.64 meaning that all the new technology purchases in the Kitchen are doing the job that they had to do and also the training of the staff is also helping towards the goal of minimizing consumptions .

For August 2016 & 2017

- The consumption of **Electricity in KWH/Guest Night** for 2016 was 18.60 while in 2015 was 19.68 and the one of 2017 reduced on 17.87 almost by 9 % than the one of 2016.
- **Water Consumption in Cubic Meters /Guest Night** on 2015 was 0.56, on 2016 was 0.47 and on 2017 was 0.46 meaning that all the measurements and training to our staff is going very good for 2017.
- **Petrol Consumption in KWH/Guest Night** from 2015 is dropping down every year on 2015 it was 2.57, on 2016 was 1.29 and on 2017 was 1.31 meaning 33 % meaning that they new technology machinery that we took that work with electricity made the difference that we wanted to have and all the measurements and training to our staff is going very good.
- **Propane Consumption in KWH/Guest Night** from 2015 is dropping down every year on 2015 it was 2.83, on 2016 was 2.70 and on 2017 was 2.66 meaning that all the new technology purchases in the Kitchen are doing the job that they had to do and

also the training of the staff is also helping towards the goal of minimizing consumptions.

For September 2016

- The consumption of **Electricity in KWH/Guest Night** for 2016 was 16.66 while in 2015 was 18.02 reduced almost by 11 % than the one of 2015.
- **Water Consumption in Cubic Meters /Guest Night** on 2015 was 0.59, on 2016 was 0.51 meaning that all the measurements and training to our staff is going very good for 2016.
- **Petrol Consumption in KWH/Guest Night** from 2015 dropped down by 200 % every year on 2015 it was 2.82, on 2016 was 1.38 meaning that the new technology machinery that we took that work with electricity made the difference that we wanted to have and all the measurements and training to our staff is going very good.
- **Propane Consumption in KWH/Guest Night** from 2015 dropped down on 2015 it was 3.896 , on 2016 was 3.45 meaning that all the new technology purchases in the Kitchen are doing the job that they had to do and also the training of the staff is also helping towards the goal of minimizing consumptions

For October 2016

- The consumption of **Electricity in KWH/Guest Night** for 2016 was 16.15 while in 2015 was 17.33 reduced almost by 9 % than the one of 2015.
- **Water Consumption in Cubic Meters /Guest Night** on 2015 was 0.39, on 2016 was 0.47 but on October 2016 we had more overnights and also we had a lot of rain with mud, so we needed a lot water to clean the hotel.
- **Petrol Consumption in KWH/Guest Night** from 2015 dropped down on 2015 it was 3.67 , on 2016 was 2.75 almost 33 % down meaning that the new technology machinery that we took that work with electricity made the difference that we wanted to have and all the measurements and training to our staff is going very good.
- **Propane Consumption in KWH/Guest Night** from 2015 dropped down on 2015 it was 3.76 , on 2016 was 3.44 meaning that all the new technology purchases in the Kitchen are doing the job that they had to do and also the training of the staff is also helping towards the goal of minimizing consumptions

Targets for 2017 and check if the targets of 2016 were achieved:

- The electricity consumption to be decreased from 18 to 17 KWH / per person for 2017. The target that we had on 2016 to drop down the consumption from 20 to 18 was more than successful.
- The water consumption to be decreased from 0.57 to 0.55 cubic meter/ per person for 2017. The target that we had on 2016 to drop down the consumption from 0.61 to 0.57 was more than successful.
- The petrol consumption to be decreased from 1.97 to 1.90 KWH/per person for 2017. The target that we had on 2016 to drop down the consumption from 3.43 to 2.50 was more than successful.

- The propane consumption to be decreased from 3.15 to 3 KWH/per person for 2017. The target that we had on 2016 to drop down the consumption from 3.31 to 3.15 was more than successful.

Ways to decrease the consumption and results from the goals of 2016 :

- Installation of LED lamps to all the hotel is now by 99 % since September 2017.
- New sets of better quality and saving energy for the animation of the hotel is now by 95 per cent since August 2017
- Purchase of More Solar panels for heating the water. We are planning to buy more on 2018.
- Purchase of more European Heat Pumpers for heating the water. More European Heat Pumpers to be purchased for 2018.
- Installation of Central Laundry system for the Blue Lagoon Group which is of the latest technology which will have better results in consumption. Running in full operation since April 2017.
- We will Communicate STRONGLY the management's commitment to water reduction and the subsequent objectives and goals to all employees
- We will train staff so they understand how to make prudent use of water and how to maintain equipment for optimum energy-efficiency
- We will program shower flow not to be more than 10 liters / min.
- We will program low flow toilets of just six liters per flush,
- We will program taps should have a maximum flow of six liters
- High maintenance in all aspects (electro logical, machinery, plumping and programming)