

# Windpark Vaderpiet Fact Sheet

## Wind turbine data

- Manufacturer: VESTAS
- Model: V-90
- Rated power: 3000 kW (3 MW)
- Rotor Diameter: 90 m
- Blade weight: 70 tons
- Nominal revolutions 16.1 RPM
- Total Height: ~150 m

## Project details

- Wind turbine amount: 10
- Total capacity: ~30 MW
- Operational since: December, 2009
- Forecasted output: 18.8 MW Average

## Power generation and Savings

- Power generated to Aruba: 18.6 MW Average (based on last 3 years)
- Renewable Energy partition: ~18% of ~105 MW
- Fuel savings: ~600 Bbl/day (HFO)
- CO2 emission reduction: *see WEB Renewable Watch (Next slide)*



# WEB Renewable Energy Watch



Reduced CO<sub>2</sub> emissions for 2015 YTD

# 149,137,452 kg

Equivalent to: **31,005**



Passenger vehicles  
off the road  
annually

On our road to 2020...



Highest record of Wind  
Energy Production was in  
December 2015!



Coming Soon!

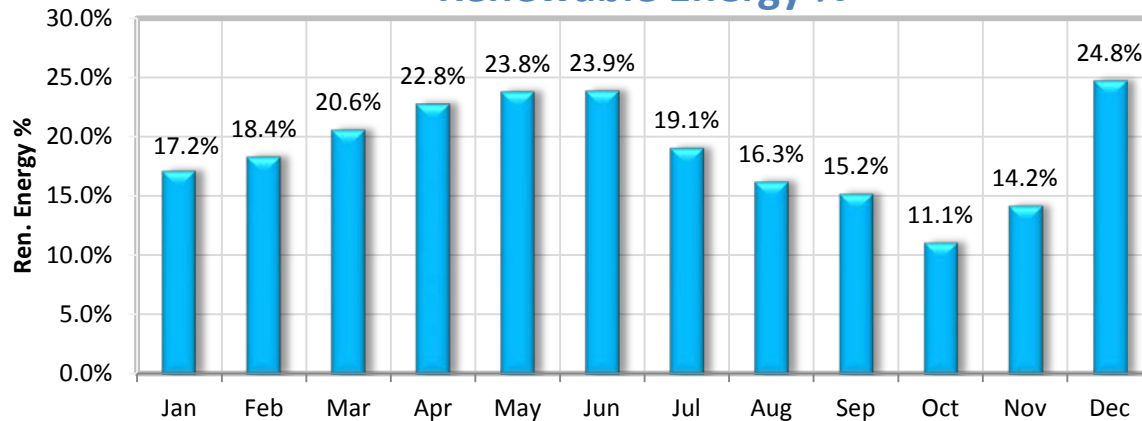


Coming Soon!



10 Years ago: 6,180 bbl/day  
2015 YTD : **3,664 bbl/day!**

## Renewable Energy %



2015 Yearly Average 18.9% YTD

\* YTD – Year to Date

\*Bbl/day – Barrels HFO per day