SOUTH AFRICA’S UTILITY-SCALE WIND & RE INDUSTRY  
Key data as at March 2019  

Wind  
• Thus far, 6 360 MW of wind power has been determined for procurement from IPPs i.e. 69% of the capacity planned by 2030 in terms of the IRP2010.  
• Due to its value proposition Wind power has taken a larger share of the planned RE investments to-date, now supplying 52% of SA’s RE power.  
• Wind contributes 52% of SA RE power supply, costs 33% of the RE bill and is forecast to contribute 59% of RE power-related emissions reductions over project lifespans.  
• There are currently 36 preferred bidder Wind IPPs with total capacity of 3 366 MW  
• 22 operational Wind IPP’s have up to date installed capacity of 2078 MW connected to the national grid with more than 900 Wind Turbines spread out over three provinces  
• Average SA Wind power plant size is 93.5 MW, which is large compared to global scale  
• Since inception of REIPPP, wind tariffs have dropped by 59%, making wind prices cheaper than new coal-based power generation. The average tariff for wind & solar (in 2017 money) was 65c/kWh, making SA RE tariffs competitive relative to the rest of the world.  

All RE  
• 6 422 MW of electricity procured from 112 RE Independent Power Producers (IPPs) in four bid rounds  
• To date, 3 776 MW of electricity generation capacity from 62 IPP projects has been connected to the national grid  
• The REIPP programme's contribution to South Africa’s climate change objectives was a reduction of 33.2 million tonnes (Mton) carbon dioxide (CO₂) and water savings of 39.2 million kilo litres achieved by 31 December 2018  
• Local community ownership is structured through the establishment of community trusts. Qualifying communities will receive R27.1 billion net income i.e. dividends from their shareholding over the 20-year life of these committed projects.  
• Local communities have already benefited from over R1 billion spent by IPPs on education such as upskilling of teachers, extra teachers and classrooms, and 600 bursaries to students from disadvantaged communities, the provision of health facilities and medical staff, social welfare such as feeding schemes, support to old age homes and early childhood development and support to and establishment of more than a 1 000 small enterprises.
• The SA RE sector has created 38,701 Full Time Equivalent (FTE) person-years of employment for youth, woman and citizens from the surrounding communities.

• RE sector is currently four times more employment-intensive than SA coal and nuclear.

• It is anticipated that 109,444 direct, FTE person-years of employment will result from REIPPPP Bid Rounds 1-4 in both construction and operation (O&M) over their 20-year Power Purchase Agreement time horizon.

• Black South African equity shareholding in the REIPP programme has progressively increased with each bidding round. The South African equity shareholding across Bid Window 1 to Bid Window 4 and Smalls Bid Windows 1 and 2 equates to 52% (R31.4 billion) of total equity (R60.9 billion), which is substantially more than the 40% requirement.

• In just 8 years (including a 3-year period where no new procurement was undertaken), REIPPP has attracted R209.4 billion in committed private sector investment.

• The REIPP programme has received many awards over the years, of which the first award was from EnergyNet in 2013, as a recognition of the programme as the Best Renewable Energy Programme of the year and last was the Thompson-Reuters Project Finance International Award for the best programme on the Continent - 2018.