

# São Tomé and Príncipe sistema di accumulo

What is the energy supply in Sao Tome & Principe?

ENERGY PROFILE Sao Tome and Principe ENERGY PROFILE Total Energy Supply (TES) 2015 2020  
 Non-renewable (TJ) 1 692 1 964 Renewable (TJ) 1 044 1 072 Total (TJ) 2 736 3 036 Renewable share (%)  
 38 35 Growth in TES 2015-20 2019-20 Non-renewable (%) +16.1 +2.1 Renewable (%) +2.7 +1.1 Total (%)  
 +11.0 +1.8 Primary energy trade 2015 2020

What is the biomass potential of Sao Tome PN?

World Sao Tome Prn Biomass potential: net primary production Indicators of renewable resource  
 potential Sao Tome Prn 0% 20% 40% 60% 80% 100% area <260 560260 -420670560820-670 -820  
 -1060 >1060 Wind power density at 100m height (W/m2)

Should so Tomé; e Príncipe improve its port and airport facilities?

If S&#227;o Tomé; e Príncipe is to base its long term growth strategy on development and  
 diversification of exports,it will be essential to improve its port and airport facilities. The existing sea  
 port,which is located within S&#227;o Tomé; city,is antiquated,inefficient and inappropriate for the  
 needs of modern maritime transport.

What is the wind speed of so Tomé;?

The wind speed data displayed by the INM is between 2.5 and 6.3 m/s. The wind speed data presented by the  
 Global Wind Atlas for S&#227;o Tomé; (Figure 40) and for ARP (Figure 41) are between 3 and 5  
 m/s.Both show that the development of wind energy has relatively low potential.

How much energy does Emae use in so Tomé; Island?

In 2017,the maximum daily demand served by EMAE in S&#227;o Tomé; Island was around 20  
 MW(Ricardo Energy &Environment,2018). The peak consumption reaches its maximum value between 5:30  
 p.m. and 11:00 p.m.,as shown in Figure 24,that shows the hourly load curve.

How much MV does so Tomé; have?

The island of S&#227;o Tomé; is composed of two levels of MV; the 6 kV underground in the capital  
 area and aerial in the southern peripheral area of the capital,and the 30 kVthat covers most of the island. In the  
 island of Pr&#237;ncipe the entire MV grid is 6 kV,one part being aerial and the other underground.

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