

ASIA : INDIA

# Tamil Nadu

GDP: **\$166.9bn**Five-year economic growth rate: **3.9%**Population: **75.5m**Total clean energy investment, 2009-2014: **\$6.3bn**Installed power capacity: **23.9GW**Renewable share: **36.9%**Total clean energy generation: **12.8TWh**

Top energy authority:

**Energy Department, Government of Tamil Nadu****INDIAN RANKING**

2014

2015

**OVERALL SCORE**

2015

2

1

1.38

## OVERVIEW

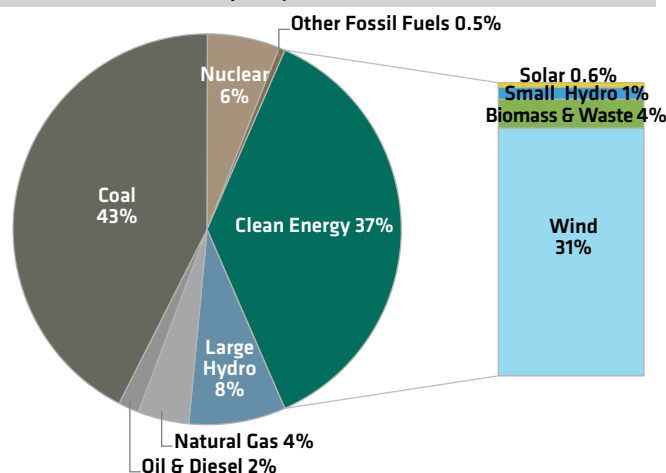
Until recently, Tamil Nadu was regarded as India's unrivalled leader for wind development due to exceptional local conditions and high installation rates. Today, at 7.4GW, Tamil Nadu still has more wind installed than any other state.

Since 2012, however, annual new-build rates have fallen and in 2014 just 208MW was commissioned. This is largely due to the poor financial health of state-owned distribution utility companies and occasional payment delays to power project owners. Cases of wind generation curtailment during the peak windy season have also dimmed investor enthusiasm for Tamil Nadu considerably.

The state's total power generation capacity is 23.8GW of which renewables account for 37%, or 8.8GW. Wind represents 84% of all renewables followed by 869MW of biomass. In 2013, the state conducted a tender for 1GW of solar power delivery capacity but that received a poor response and was deemed unsuccessful. In September 2014, Tamil Nadu issued a flat feed-in tariff of INR 7.01/kWh to solar projects without any auction provided they be commissioned by September 2015. The final commissioning deadline has since been pushed back by six months to March 2016 to give developers more time to complete their work. The state also has a net-metering policy for rooftop solar projects.

## INSTALLED POWER CAPACITY BY SOURCE, 2014 (%)

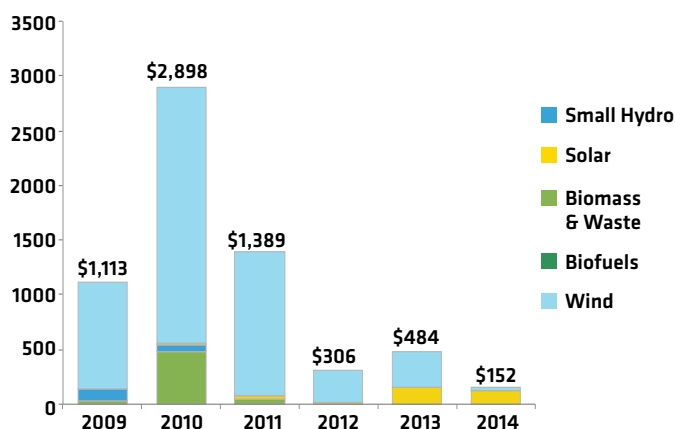
23.9GW total installed capacity



Source: Bloomberg New Energy Finance, Central Electricity Authority, Ministry of New and Renewable Energy, Nuclear Power Corporation of India, Southern Regional Power Committee, Tamil Nadu Energy Development Agency

## ANNUAL INVESTMENT IN CLEAN ENERGY, 2009-2014 (\$m)

\$6.3bn total cumulative investment



Source: Bloomberg New Energy Finance

Notes: Total investment includes: Asset Finance, Corporate Finance and Venture Capital / Private Equity Commitments.

For further information, access [www.global-climatescope.org/tamilnadu](http://www.global-climatescope.org/tamilnadu)