



Natural gas combined cycle power generation

Natural gas plays an important role in the transition to a more sustainable energy supply. With only half the amount of CO₂ emissions compared to coal-fired power generation, it is the energy of choice for emerging economies with an eye on the climate.

Location



The power plant is located in India's southernmost province Tamil Nadu. Employment in this rural region is dominated by agriculture.

Project



The project activity comprises a 92.2MW Combined Cycle Power Plant (CCPP). With natural gas as the energy source, about 50% of CO₂ emissions are being prevented compared to coal-fired plants (which are still predominant in the country).

To optimise the power output, a Heat Recovery Steam Generator (HRSG) has been included in the technical set up.

Checklist Project 301 300



✓ Additionality and permanence:	according to the rules of the CDM and VCS
✓ 3 rd party verified:	DNV
✓ Transparency:	provided by the NYSE Blue APX
✓ Annual CO ₂ reduction:	80,000 tCO ₂ e
✓ Social and environmental benefits:	as documented in our database
✓ Marketing material:	high resolution pictures available

For further information and to learn about availabilities please contact:

South Pole Carbon Asset Management Ltd., Sales Department

sales@southpolecarbon.com

+41 43 501 35 50

www.southpolecarbon.com

Zurich · Bangkok · Beijing · Hanoi · Jakarta · Johannesburg · Kampala · London · Medellin · Mexico City · New Delhi · Taipei

All information as of 2013. Disclaimer: Please note that this publication is for your information only. Neither South Pole Carbon Asset Management Ltd. nor any person acting on behalf of South Pole Carbon Asset Management Ltd. is responsible for the use which might be made of the following information, especially not for the completeness and correctness of the material contained herein.

