



## **First fully commercial CCSU plant launches capturing CO2 at \$30 per tonne**

**Project will ensure more than 60,000 tonnes of CO2 captured and re-used each year**

**11 October 2016, London, UK** – Carbon Clean Solutions Limited (CCSL), a leader in CO2 separation technology, today announces the launch of a new project that will see more than 60,000 tonnes of CO2 captured from the 10 megawatt coal-fired power station based near Chennai, India. Post-start up, the power station is set to become a zero-emission plant.

The ground-breaking project, believed to be the first of its kind, is privately financed and will capture CO2 at just \$30 per/tonne – much lower than the \$60-90 per tonne capture costs typically observed in the global power sector.

The captured CO2 will then be used by Indian firm, Tuticorin Alkali Chemicals & Fertilizers (TACFL), for soda ash production.

Aniruddha Sharma, Chief Executive Officer at CCSL, said: “This project is a game-changer. By capturing and crucially, re-using, CO2 at just \$30 per/tonne, we believe that there is an opportunity to dramatically accelerate uptake of CCU technology, with its many benefits, around the world. This is a project that doesn’t rely on government funding or subsidies – it just makes great business sense. We are delighted to be partnering with TACFL to make this project a reality.”

Today’s announcement comes following the successful completion of CCSL’s pilot testing programme at Technology Centre Mongstad, the world’s largest and most advanced facility for testing and improving CO2 capture, in May.

The pilot yielded results that showed that use of CCSL’s solvent dramatically reduced emission levels and lowered corrosion, while improving system reliability.

Just last month, CCSL announced the appointment of Will Shimer to run the firm’s North American operations from Chicago.

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**About Carbon Clean Solutions Limited (CCSL):**



Carbon Clean Solutions Limited (CCSL) is an innovation leader in developing solvents for carbon dioxide (CO<sub>2</sub>) separation technology for industrial and gas treating applications. The company's patented APBS technology significantly reduces the costs and environmental impacts over existing CO<sub>2</sub> separation techniques. With a focus on innovation, CCSL aims to provide customised low-cost, energy efficient solutions for carbon dioxide separation. Company research is funded by UK-DECC (Department of Energy and Climate Change) and US DOE (Department of Energy). The technology has been proven at pilot scale in five countries including the UK, USA, Germany, Norway and the Netherlands. CCSL now operates offices in India, the United Kingdom and the United States.

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