

## Media release

### ‘Renewable energy project at QAL’

11 May 2017

Queensland Alumina Limited (QAL) have taken their first small step in utilising renewable energy options at their Alumina refinery.

In March a small scale solar and wind turbine project was completed at QAL’s Red Mud Dam facility and has been successfully running for the past two months. This renewable energy source came after QAL had to pump water as part of the Red Mud Dam’s normal mud farming operations.

In previous years the instinctive solution would have been to build a pump station that ran on power however the option of looking at a renewable energy source was identified by QAL’s Projects & Civil Works Specialist Jason Gibbs. Jason’s design was recognised and strongly supported by QAL. After this idea came about the solar wind combination package was then sourced and implemented at the Red Mud Dam.

Jason Gibbs said; “The project’s success was important to me, as it demonstrated that big local companies such as QAL, are sourcing and looking for ways to utilise renewable energy sources for the future.”

The solar and wind turbine has generated enough power to pump over 10 million litres of water since it was implemented in March with no cost to the company and environment.

QAL General Manager Mike Dunstan said; “We are always looking for opportunities to utilise new and environmentally friendly technology at QAL. Renewable energy options may not be possible in all aspects of our operation but we encourage our people to look for new methods in their areas to allow us to increase efficiency and reduce our carbon footprint. Jason’s project at the Red Mud Dam is a great example of how ideas can transpire into action”.

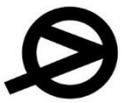
**-ENDS-**



**Picture 1:** Jason Gibbs with solar wind turbine



**Picture 2:** Solar wind turbine at QAL's Red Mud Dam



QUEENSLAND ALUMINA LIMITED



## Contacts

[www.qal.com.au](http://www.qal.com.au)



Follow @RioTinto on Twitter

## Media Relations, Queensland Alumina Limited

Kylie Devine

T +61 477 363 890

M +61 7 4971 7049

E [devineka@qal.com.au](mailto:devineka@qal.com.au)

---

Queensland Alumina Limited  
Parsons Point  
Gladstone QLD 4680  
Australia

T +61 7 4976 2211  
Registered in Australia  
ABN 98 009 725 044

**Rio Tinto Limited**  
Level 33, 120 Collins Street  
Melbourne 3000  
Australia

T +61 3 9283 3333  
Registered in Australia  
ABN 96 004 458 404

