



# Oyu Tolgoli Rio Tinto

## Mongolia, Copper Mine

Integration of Renewable Power in South Gobi Mines  
Pre-feasibility study for IFC assess the potential to integrate renewable power sources with thermal generation at mines located in the South Gobi region of Mongolia.

The purpose of the study is to develop a business case for renewable power opportunities considering power demand, site characteristics, community benefits, permitting and regulatory requirements, electrical and control system design, and solar and wind resource. .

### | SERVICES COMPLETED FOR THIS PROJECT:



**100 WM**  
**SOLAR POWER**

Engineering  
Prefeasibility



**Wind Power**

Integration, Turbine  
siting and prefeasibility  
Engagement



Energy Storage  
assessment and model




Microgrid Engineering



Environmental  
Construction review

## Get In Touch.

 **TORONTO**  
2401 Bristol Circle , Suite A103,  
Oakville, ON L6H 5S9  
+1 647.797.7926

**SAN FRANCISCO**  
303 Twin Dolphin Drive  
Suite 600, Redwood City, CA 94065  
+1 650.474-5704

 [rlydan@phoventus.com](mailto:rlydan@phoventus.com)

 [www.phoventus.com](http://www.phoventus.com)