

Mongolia

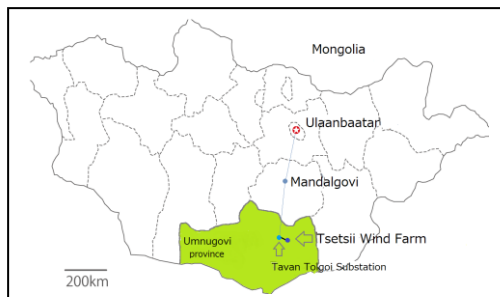
FY2018 Ex-Post Evaluation of Private Sector Investment Finance

“Tsetsii Wind Farm Project”

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1. Project Description



Project Location Map



Tsetsii Wind Farm

1.1 Project Outline

This Project was implemented in the Tsogttsetsii sum (district) of Umnugovi (Ömnögovi) province in southern Mongolia with the aim of alleviating the tight power supply situation, ensuring a more stable power supply, diversifying the sources of electric power generation, and promoting the use of renewable energy in Mongolia. In so doing, it contributes to the socio-economic development of Mongolia. Tsetsii Wind Farm (total output 50 MW), which was constructed and managed by Clean Energy Asia LCC (hereafter “CEA”), is supplying power based on a long-term Power Purchase Agreement with the National Dispatching Center (hereafter “NDC”). JICA signed a loan agreement with CEA for the project on September 2016.

2. Outline of the Evaluation Study

2.1 External Evaluator

Nobuko Fujita (Foundation for Advanced Studies on International Development (FASID))
Miki Mukogawa, Masaaki Hamada (KPMG AZSA LLC)

2.2 Duration of Evaluation Study

This ex-post evaluation study was conducted with the following schedule.

Duration of the Study: December 2018 – January 2020

Duration of the Field Study: Field survey: April 3-17, 2019, June 19-25, 2019

2.3 Constraints during the Evaluation Study

None in particular.

3. Conclusion

This Project was implemented with the aim of alleviating the tight power supply situation, improving the stability of supply, and promoting the use of renewable energy in Mongolia by constructing and operating the Tsetsii Wind Farm and by supplying power based on a long-term Power Purchase Agreement with the NDC.

The Project conforms to the development policy and needs of Mongolia and to Japan's assistance policy. In the evaluation of effectiveness/impacts, the operation and effect indicators are being achieved, as the Project is supplying electricity to the central power system from which demand is increasing and it has the effect of reducing carbon dioxide emissions. There are no negative effects on residents or the environment. Also, both project costs and the project period are within the plan. Although there are some concerns about financial aspects, there are no issues with institutional, technical sustainability or the status of operation and maintenance.

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