

甘肃电投大容电力有限责任公司

关于天王沟水电站申报 CDM 项目的请示

省发展和改革委员会地区经济处：

我公司计划建设的天王沟水电站位于大通河下游甘肃省永登县境内，是甘肃省大通河岗子沟～淌沟河段水电梯级开发规划的第三级电站。其开发任务为发电，属于可再生能源发电并网项目。该电站设计装机容量 51MW，为径流引水式电站，年均多年平均发电量 2.12 亿 kW·h，年利用小时数 4157h。

目前该项目正在进行前期调查和准备。由于该项目投资量大，融资难度大，电价低，按照我省现行电价，未达到行业基准值，因此对该项目投资具有很大的风险。另一方面，由于该项目对当地经济和社会的发展有很强的促进作用，既可以缓解用电紧张的局面，带动当地经济发展，又可以减少温室气体排放，改善环境，因此是利国利民，值得投资开发的好项目。我公司了解到清洁发展机制（CDM）是在联合国气候变化框架公约（UNFCCC）的基础上，按照《京都议定书》（KYOTO PROTOCOL）对各缔约国对温室气体减排义务的要求，由发达国家对发展中国家清洁能源项目建设提供一定的技术和资金支持。中小水电站建设项目是 CDM 开发的技术类型之一，天王沟

电站通过 CDM 开发，会获得额外的收益，经分析该收益将提高项目的收益率，增强贷款银行对项目的放贷信心，从而使该项目得以实施。

为了保证项目能继续进行，我公司特向贵处申请开展 CDM 项目的申报工作。

妥否，请示。

二〇〇五年九月二十日



The Referendum on the Application of CDM Development of Tianwanggou Hydropower Station

Local economy department of Development and Reform Commission of Gansu Province:

Tianwanggou hydropower station, the project we are planning to built, located downstream of Datong river in Yongdeng county of Gansu province, is one of planed hydropower station Ganzigou & Tanggou River of Datong river section. The dam is 100 km from Yongdeng county and 150 km from Lanzhou. The project, with installed capacity 51MW, is a run-of-river hydropower station. The project will annually generate 212,000 MWh, and the annual hours will be around 4157 hours.

The project is on the survey and preparation process. The project has a big investment risk, for the high investment, difficulty to getting the loan, and low present tariff which lead to an un-eligible IRR (i.e. the irr is below the benchmark of this industrial). On the other hand, this project is a good project, which could promote the development of local economy and society, with its contribution to the electricity and drive the local economy. At the same time, the project could reduce the emission of GHG and improve the local environment. We get the knowledge that the developed country could provide some technology and fund to help the developing county to construction clean energy projects under the mechanism of CDM based on the UNFCCC and Kyoto Protocol's requirements for the reduction of GHG. Mid and small hydropower project is one of the supported project of CDM. Through the development of CDM, Tianwanggou project will obtain extra income, which will increase the initial return rate of the project, strengthen the confidence of the bank, and make the project feasible.

To keep the project move on, we apply the application of CDM development of Tianwanggou project and hope we could get your approval for it.

GEPIC Darong Electric Power Company Ltd.

Sep 20, 2005

甘肃省发展和改革委员会

(2005)甘发改地区函字第 29 号

关于同意天王沟水电站 开展 CDM 项目申报工作的批复

甘肃电投大容电力有限责任公司：

你公司《关于天王沟水电站申报 CDM 项目的请示》收悉，经研究，天王沟水电站完全符合申报 CDM 项目的条件，为推进项目的顺利实施，促进当地经济和社会的发展，同意你公司开展天王沟水电站 CDM 项目的申报工作。要求你公司按照国家有关管理规定，积极开展申报工作。

二〇〇五年九月二十二日



Development and Reform Commission of Gansu Province

(2005) Gan Fa Gai Di Qu Han Zi No. 29

The Approval on Application of the CDM Development of Tianwanggou Hydropower Station

GEPIC Darong Electric Power Company Ltd:

We have received “The Referendum on the Application of CDM Development of Tianwanggou Hydropower Station” your have submitted. Based on researches, we concluded that Tianwanggou project complied with the requirements of the CDM application. To advance the development of the project and promote the development of the local economy and society, we approve your application for the CDM development. Please develop the CDM jobs according to relevant regulation of our country.

With the **seal** of Local economy
department of Development and
Reform Commission of Gansu
Province

Sep 22, 2005