

# 北京京能国际能源股份有限公司

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## 北京京能国际能源股份有限公司关于四川黑水扎窝一级水电项目开展 CDM 工作的会议纪要

2007 年 4 月 19 日，北京京能国际能源股份有限公司在北京召开了关于四川黑水扎窝一级水电项目开展 CDM 工作的会议，会议由关天罡副总裁主持。会议听取了计划发展部就扎窝一级水电项目建设的有关情况的汇报，并讨论了四川黑水扎窝一级水电项目申报 CDM 的相关事宜。

四川黑水扎窝一级水电项目自开工以来，前期进展较为顺利。但是随着工程的进展，由于引水系统地质条件较差、坝基持力层结构较为复杂，为河流冲积之漂卵砾石夹砂层，均匀性较差，透水性较强，给施工造成很大困难，致使工程一再拖延，工程造价不断上升。由于原业主方建设资金紧缺，资金筹措困难，拖欠施工单位工程款较为严重，因此，该水电站在 2006 年底宣布暂停施工，准备待资金到位后再行复工。

该项目工程的实施可极大地减少当地的烧薪量，有利于当地的环保节能，促进地区经济发展，具有明显的社会效益。但由于该项目工程工期长，工程造价较高，致使该项目靠自身售电收入不能抵消在项目中产生的各项费用，不能维持收支平衡。

鉴于水电项目是可再生的清洁能源，符合 CDM 项目的相关要

求，因此可以通过申请 CDM 销售由项目产生的减排量而获得额外的收益，以促使该项目能够顺利地开展下去。

综合考虑上述原因，会议决定我方在入主该项目后，必须尽快寻找 CDM 咨询方以协助申请 CDM 并寻找合适的碳购买方，以维持该项目建设投产后水电站的正常运转和收支平衡。

北京京能国际能源股份有限公司



二〇〇七年四月十九日

## **Beijing Energy Corporation, Ltd.**

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### **Meeting minutes of developing Sichuan Heishui Zhawo No.1**

#### **Hydropower Project as CDM Project**

On 19 April 2007, Beijing Energy Corporation, Ltd. held a meeting in Beijing about the CDM development of Sichuan Heishui Zhawo No.1 Hydropower Project. The meeting was presided by vice-president Guan Tiangang. The meeting heard the construction status report of the project made by the Plan Development Department, and discussed the CDM application issues of the project.

The development of Sichuan Heishui Zhawo No.1 Hydropower Project went on well at the beginning. But due to the bad and complex geological condition, the construction of the project faced a lot of difficulties. Then the schedule of the construction was postponed while the cost of construction increased continuously. Considering the shortage in funds, it is difficult to finance the project and the project company was in arrears with the construction cost. Therefore, the project owner declared at the end of 2006 to stop the construction of the project until it was fully funded.

The implementation of the project will sharply reduce the consumption of firewood, and contribute to the environmental protection and energy conservation, thus promote the local economy with obvious social benefits. However, since the long period and high cost of construction, the project can't counteract all the expenses only by income from electricity sales to balance the payment.

Since the hydropower project utilizes the renewable energy, it meets all the requirements of CDM application, thus it could obtain the benefits from selling the emission reductions by applying for CDM support.

To sum up, in order to guarantee the normal operation and balance of payment after the construction of the project, the meeting decided to find a CDM consultancy to assist in CDM application and searching for an appropriate buyer as soon as the project was transferred.

Beijing Energy Corporation, Ltd. (Stamped)

19 April 2007