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Shaoyang Triumph Billion Yuzitang Power station
Development Ltd, Co.

< Directorial meeting minutes
(Introduction of CDM implementation concept) >

4th May 2004

股东会纪要

凯亿股字[2004]4号



时间：二 00 四年五月四日
地点：那溪瑶族乡招待所
参加人：公司股东、总经理
会议主持：肖林辉
内容：讨论凯亿近期工作开展情况

Directorial board meeting minutes
(sealed)

Date: 4-May-04
participants: Company shareholders, General Manager
Hosted by: President (Mr Xiao)

会议步骤：

- 一、总经理总结凯亿前阶段工作的情况
- 二、唐总发表意见
- 三、执行董事与财务总监对凯亿目前的情况发表意见；
- 四、各股东发表意见；
- 五、唐总作总结。

一、总经理罗总发言：

A、两个方面的解释：

1、芋子塘电站未能及时开工的原因：

- ①茶路电站的安装费不能谈妥，各部门的协调耽误了时间；
- ②资金不足。

B、今后一段时间的工作和任务：

4 月 28 日以来不断的落实工作计划，做到每个步骤的落实，资金如果能按时到位，争取五月二十日前开工。

二、唐总发言：

对目前的投资提出意见和建议：

- 1、湖南人际关系、地方环境复杂，如不深思熟虑，会血本无归；
- 2、当前监控不到位；
- 3、工程成本、工程费用如何控制，有无计划。有好的过程才有好的结果。
- 4、资金的使用及人员的使用。

三、陈海东总监及大唐总发言：

财务总监陈海东：

1、芋子塘总投资预算达到 5730 万（已剔除非发电资产及费用 300 多万），全部建成要 6800 万，至少要 6100 万。

2、从资金计划来看，芋子塘肯定要突破 6000 万。主要原因有：

(1) 机电采购价格上涨，零散采购就有五六十万。例如李昌寿已到位三个月，实际上班不到二十天，备用金借款，二月之久才报销。

(2) 隧洞贯通投资预计增加 360 万，不包括隧洞衬砌。

(3) 管理费用增加，从去年农历年之前，芋子塘电站管理人员只有六七人，现在增加至二十多个人。

3、到目前为止，我认为没有因为资金而影响施工，小俞的工程款，账面上有钱支付。

建议应对资金作合理安排；

- 4、云南项目部两电站四月份测量结果一直没出来，测量数据没拿出来无法预测投资。
- 5、本部注册到现在用了 60 万。至三月底用了 43 万，四月用了 17 万，费用开支过大。
- 6、第一次股东费同意的龙山项目前期费用（十万元以内），是由凯亿垫付还是承担？要不要划转龙山项目部？

对申报 CDM 项目的建议

- 1 CDM 是国际上一种专门针对可再生能源发展（水电项目）的收入激励机制，是新兴事物。
- 2 CDM 的经济激励是在项目建成并发电以后才能实现，虽然不能为电站建设解决急需的资金问题，但是能改善股东和银行对芋子塘电站项目的经济评价和投资回报预期。
- 3 国家马上要出台 CDM 项目的管理办法，以后筹建和开工水电项目都应该考虑 CDM 带来的收益，投资者应该对水电项目有信心（国家政策和国际规则的大力扶持）。
- 4 建议加强 CDM 的跟踪，适时启动 CDM 项目的申报工作，测算 CDM 的实际收益和成本开销。

对总经理的建议和意见：

1 作为总经理应与员

2 要用人不贤，不能

3 历次股东会达成的

4 人员的调配不合理

5 以前年度的费用，

执行董事唐总：

1、一到三月凯亿能

2、建议加强资金计

3、之前约定的 4 月

4、云南项目的投资。由于前期测量结果未出来，造成后续的设计无法完成，准确预算不能出来不能对其投入。

5、成立湖南中水公司，觉得透明度不够，因涉及到各股东的利益，建议增强透明度。

6、按协议湖南中水公司副总经理由我方指派，要确定人选。

建议：

1、降低费用开支；

2、月初报计划，没有计划的开支不予支付；

3、必须按财务制度执行操作；

4、云南前期工作未做好，不能轻易动工；

5、龙嘴峡电站项目凯亿能源委派一名副总过去监督。

罗总：做为管理层

对财务总监陈海东提出问题的看法：芋子塘 6000 万发电，现在为止要到 6200 万，是一个概念问题，概算超支：

1、机电设备的价格明显上涨，成本上涨过快，没有预计到。

2、隧洞如能打通三百六十万是个胜利；

3、芋子塘电站施工人员三月内必须要到现场。

4、资金未到位是制约工程进度的主要原因。

5、对于陈海东介绍的 CDM 概念，很感兴趣，同时也不甚了解，希望陈继续跟踪 CDM 的发展，如对芋子塘电站筹措资金，恢复股东信心确实有利，可以考虑申报 CDM 项目。

6、云南项目部，前期测量没做好，是绝对不能动工的。

Suggestion of CDM application (By Financial Director - Mr. Chen Haidong):

1. CDM is a new international mechanism, particularly stimulating renewable energy projects (incl. hydropower projects) development.

2. CDM revenue is obtained only when power plant comes into operation. Although it cannot bring an immediate benefit to the current financial pressure during project construction stage, it can still improve the financial indicators of the project which greatly help the bank loan application.

3. The national CDM administrative regulation is under preparation, which shall encourage investors to invest in future renewable energy industry.

4. It is suggested to further strengthen the study works on CDM matters, and kick-off to work on the application process in appropriate time. Meanwhile, it is also essential to assess the cost and return of applying CDM project.

影响测量的原因主要是云南一至四月一直是雾天，只能见几米的距离，两个电站的测量工作任务较大。现在是把云南的力量集中起来，做芋子塘电站的工作。

7、前期招待费的问题（非经营性开支），前期开支肯定是较多。

云南六万多块钱是在老中天未被合并之前委托去搞龙嘴峡电站前期而开支的费用（股东会纪要上要记载）。云南公司在凯亿能源报销六万多块钱将转湖南中水公司，已和中水投资集团公司谈，他们将会派人和股东商谈。

四、股东发言讨论

股东罗总：

龙嘴峡（四月份开办）的进展：

根据龙山县政府和来凤县政府签协议，凯亿的钱四月十号到位，成立龙山公司是五天之内到位。时间来不及，龙山公司成立注册 1700 万。存在大的问题：加坝方案和新建方案存在比较。

对新建方案建行派专家考察。

1、按国家正常的利息不上浮，在讨论下浮，加快了来凤的进度，新建的方案在水利部搞规划延伸，两县的协调，加坝的方案不存在有规划的问题，

2、装机从两万五变七万八，从 1.12 亿度加大到 2.8 亿度，多了六千万度，加坝（加高二十米，在原的基础上改造三台发电机）方案比新建方案要投资少一些。

3、一直坚持的原因在政府和银行方面有一定的优势。

比较方案一出来，发给股东，向北京提出股东的意见和建议。

龙山的项目公司目前还是个空壳。

罗总：

股东的位置

作为凯亿能源的宗旨，想做出凯亿能源来，一直在思考。作为股东之间应互相信任和支持，股本金按时到位，管理层建章建制。

股东肖总：

管理层的汇报，有一个好的开始，存在一些问题：

1 上次开股东会的矛盾（吹糠见米）。总的感觉股东就变成一个债务人的关系。股东做为投资者，享受投资的同时，提醒管理层注意，分清层面，按制度执行，谈到具体的管理问题。

2 还没彻底执行制度。

3 管理层有没有尽到最大的努力？关于资金的筹集；

4 设计不行至现在已六月之久，至现在还在讨论。

5 芋子塘电站成本高就不能融资，也影响股东的投资欲望，树品牌树形象。

6 CDM 目前还是个概念，到底能不能做，怎么做，要做多久，要花多少钱都不清楚，如要股东会支持申报 CDM 项目，

股东刘总：

1 资金不足是一方面的原因
站在建设方面做好计划。

2 对罗总寄予了厚望。

3 不一定非常的全面，可能是片面的，应早点发现问题解决问题。

4 CDM 是个比较专业的概念，大家都不太懂，也不知道风险在哪里，建议请相关领域的专家来研究和协助申报，目前公司的人手已经不足，CDM 的事情就交给陈总监，能申报成功当然最好，对项目有益。

Comment from shareholer (Mr Liu)

4. CDM is a new and professional concept, it is currently unclear where the risk is. Considering the lack of experience and shortage of appropriate CDM specialists in the our company, it is suggested to invite relevant external experts to handle the development of CDM project, and appoint Mr. Chen as responsible person internally.

五、唐总总结:

- 1、投资要有计划性的投资，不能盲目。用最少的钱获得最大的效益。
- 2、各股东一致通过，总部管理费用开支不论大小一律由罗总和执行董事签字，计划内的由财务总监签字，计划外的管理费用财务总监可拒绝签字。财务总监未签字的股东会再讨论。
- 3、董事会之前，必须要交资金使用计划。
- 4、每月开例会，由总经理负责召集财务、各部门讨论下月开支计划，没合同的时候可不予签字，财务总监计划内的签字，计划外的由总经理和执行董事单独签报股东会。
- 5、每月的管理费用控制好，采用双控措施，一定组织大家搞一个月计划，使每个股东做到心中有数。
- 6、报销人不知道开支的内容，不予报销。
- 7、按制度办事，按制度管人。
- 8、继续跟踪 CDM 的发展动态。

Meeting conclusion:

8. It is required to do more study works on CDM.

二 00 四年五月四月

肖林辉
唐建中

罗岩怀、
陈海东

Ref /23/

Shaoyang Triumph Billion Yuzitang Power station
Development Ltd, Co.

< Directorial meeting minutes
(Project finance discussion) >

12th June 2004

股东会纪要

凯亿国华[2004] 6 号

时间：二 00 四年六月十二日

地点：长沙市芙蓉中路一心花园

参加人：公司股东、总经理

会议主持：肖林辉

内容：讨论凯亿（国际）芋子塘的投资决策问题

Directorial board meeting minutes
(sealed)

Date: 12-Jun-04

participants: Company shareholders, General Manager
Hosted by: President (Mr Xiao)

会议步骤：

一、汇报芋子塘电站项目的进一步勘测的结果

二、分析芋子塘电站项目的成本增加因素

三、对芋子塘电站项目的投资决策进行讨论

四、落实 CDM 项目的申报工作

Agenda:

...

3) Discussion on investment decision of Yuzitang project
4) Consolidation of practical CDM development works

一、汇报芋子塘电站项目的进一步勘测结果（陈经理）：

芋子塘水电站的初步设计概算认为，该项目总投资计划 6097 万元，其中静态投资 5868 万元，工期时间约 35 个月。但是在邀请湖南省水利水电勘测设计院的专家进行实地考察和测算后，专家和我公司的工程师一致认为实际将要发生的项目总投资会大大超过初步设计概算的水平。投资增加额预计达到 1300 万元，突破预算 20%，造成很大的资金缺口。

其主要是：

1、引水隧洞。预算 3 公里引水隧洞造价 1300 万元，实际造价将突破 2100 万元，增加投资 800 余万元。

主要原因：由于当地地质条件复杂，岩体变化大，夹层断层多，山体岩石破碎严重，隧洞开挖多次发生大塌方，尤其是在隧洞进入一公里后，边挖边塌，通了又垮，工程成本大幅上升，工期大大延长。

2、发电厂房。预算造价 532 万元，实际造价突破 1100 万元，增加投资 570 余万元。

主要原因：

①因设计变更增加工程量，造成预算增加约 160 万元；

②由于厂房建在河道旁，基础深入水下 7 米，施工排水难度大，排水预算、临建预算将增加 120 万元。

③由于当地交通不便，地材匮乏，以及基础建设材料成本受国家宏观调控的影响，材料成本已大幅增加。

原材料预算单价：水泥 290 元/吨、河沙 40.8 元/方、碎石 36 元/方。

目前单价：水泥 330 元/吨、河沙 110 元/方、碎石 50 元/方。材料成本增加约 100 万元。

3、当地村民和乡政府要求乡村公路柏油化，造成工程投入增加。

二、分析芋子塘电站项目的成本增加因素（罗总、唐总）：

从刚才的汇报中可知，投资主要是因为三个原因而增加：

一个原因是地质条件复杂，芋子塘电站建在雪峰山山区，雪峰山的地质主要有板岩、灰岩、细砂岩，在打隧洞的过程中，板岩坚硬难打洞，细砂岩容易剥落、容易塌方，这些都对隧洞施工提出了更高的要求，增加了投资成本。

第二个原因是厂房设计的变更，尽管变更不大，但是这样做对电站工程这样的百年大计是有必要，能增加结构的安全系数。

第三是建材物料的价格上涨和运费价格，当初可研初设做概算的时候，并不能预料到现在国家实施的宏观调控政策以及带来的物资价格的快速上涨，也没有考虑到项目地处山区，道路条件不好，材料运输的成本比一般的情形下要高。

根据原来的初设，静态总投资是 5858 万元，单位千瓦投资是 6102 元/千瓦，单位电量投资是 2.085 元/度电，现在考虑到大约 1300 万的投资增加，静态投资到了 7158 万元，单位千瓦投资到了 7456 元/千瓦，单位电量投资到了 2.547 元/度电，可以说这样的项目投资下去能不能带来效益，多久才能得到回报，更加值得我们商酌了。

3) Discussion on investment decision
of Yuzitang project
(by President, Mr Xiao)

三、对芋子塘电站项目的投资决策进行讨论（肖总）：

这一次的勘测实际上是应工行省分行的要求进行的，省院的专家也是省分行邀请来的，所以这一次勘测的结果肯定会反映在银行的内部评估报告上面。投资增加的风险看来几乎不可避免了，这对银行审批我们的贷款十分不利，也对我们股东投资该项目的信心十分不利。

作为港资公司，来洞口山区投资基础设施项目，地方政府是相当欢迎和支持的。目前洞口县电力产供比严重不平衡，对大电网的供电十分依赖，到了用电高峰期，邵阳市，甚至是整个湖南省的电力供应都相当吃紧，洞口县的用电就更加没有保障了。同时水电又是可再生能源，在目前中小火电被严格禁止或限制，大火电项目限批的情况下，水电实在是于国于民都十分有益的项目。我们股东都是经过多年的打拼，靠着国家和地方的鼓励政策，尝到甜头的人，凭我们的朴素经验，地方上最需要什么，老百姓最需要什么，我们就做什么，肯定是做得好做得成的。

目前最大的问题，是这个邵阳市拿出来招商引资的项目，在我们进行过更加深入的调研后，发现很可能是个投入产出比不够理想的项目。但是我们既然已经来了，还投入了不少的时间和精力，就要尽我们所能，寻找一切可以突破这个瓶颈的可能，做好这个项目，打出我们凯亿的品牌，这样对我们也好，政府方面也有个交代，我们就有信心做成更多更好的项目，

跟地方政府的合作就会越来越深入。当然，这还要看这个项目是不是有可行性，确实经济效益不行融不到资金的话，我们也不盲目地把这个项目做下去。

会前陈海东单独向我汇报了他到省水利水电勘测设计院了解的清洁发展项目，就是 CDM 的情况。初步的结论是，我们这个芋子塘水电站项目是符合申报 CDM 项目的条件的，而且省勘也在联合省科技厅研究 CDM 的规则，准备组织一批项目试点申报 CDM。据专家的估算，我们这种项目按发电量计，比常规水电项目减排量有 30% 左右，提高了 20%，差不多每度电 5 分钱的，会随着供需关系调整，和股市一样，碳市场还在很初级的阶段，碳价还不稳定，肯定会比现在的价值要高！

这个钱又不要花什么成本，主要是要做项目的申报工作，只要中国有项目能做成功，我们就要做成功，这个钱我们要拿到手。另外，我们可以向银行提供 CDM 方面的材料，说明 CDM 是如何改善我们这个项目的投资价值的，这个是个很有利的说明材料，有利于银行同意贷款给我们。

CDM 是一个很好的，很有意义的融资突破点，我很高兴陈海东能在我们面对困难的时候提出一个建设性的方向给我们。大家如果有其他的好的融资引资的办法，欢迎随时提出来，大家一起来讨论，共同推进我们的项目发展。

... Mr Chen (Financial Director) reported to me earlier about the potential CDM development of our project which can possibly raise our financial performance. It is our preliminary conclusion that the Yuzitang project meets the CDM application criteria. In viewing also the progress of "trial-run" CDM programme initiated by the HNSTI, we expect the CDM development could bring us annual income of approx. 1.5 million RMB.

... The CDM development cost is not considered a huge investment, we should engage the best local CDM experts in assisting the application works. We could also provide the bank the information about our CDM development, which shall greatly enhance their impression to our financial performance, so as to facilitate the loan approval.

四、落实 CDM 项目的申报工作（陈经理）

4) Consolidation of practical CDM development works
(by Financial Director, Mr Chen)

谢谢肖董对我的工作的认可，下面我来提出几条落实 CDM 工作的举措：

1. 尽快跟省勘或者是科技厅草签一个 CDM 项目咨询服务合同，要作为第一批省重点项目被列入开发计划，争取在发电前获得联合国有关组织的认可或者是批准。
2. 向省内相关专家请教，在专家的指导下，准备好 CDM 项目的申报材料，保证我们芋子塘项目的成功。同时也向其他关注和申请 CDM 的水电同行进行沟通和请教，学习经验。
3. 在专家的指导下，准备一份提供给银行的说明材料，说服银行考虑 CDM 给项目所带来的经济效益、社会效益、环境效益，必要时请省科技厅或者发改委经委派专家出面做银行的工作。
4. 在 CDM 项目的申报过程中，我自己作为董事会委托的代表，要时刻注意加强新知识的学习和对新机会的关注，做好这个重要的工作。

Measures to consolidate the CDM development works:-

- 1) sign CDM development contract with provincial design institute or science & technology institute asap;
- 2) engage CDM expert from the province to prepare the CDM application materials. At the same time, go communicate with other CDM hydropower projects for experience sharing;
- 3) Under guidance of CDM expert, prepare materials for submission to bank to introduce the intended CDM development and the possible income, as well as the benefit brought to the economy, society & environment;
- 4) As designated representative of the director board, I shall strengthen my own knowledge in facilitating the CDM application.

陈海东

二〇〇四年六月十三日

陈海东

Ref /30/

Shaoyang Triumph Billion Yuzitang Power station
Development Ltd, Co.

&

Hunan Sci. & Tech. Information Research Institute

< Letter of Intent on CDM project development >

8th July 2004

CDM 项目合作开发意向书

甲方：邵阳市凯亿（国际）芋子塘电站发展有限公司

乙方：湖南省科学技术信息研究所

CDM（清洁发展机制）是《京都议定书》规定的跨界进行温室气体减排三种机制之一，其核心内容是允许发达国家与发展中国家合作，

Scope of Works:-

- 1) Shaoyang Triumph Billion Yuzitang Power station Development Ltd, Co. (STBY), as the project owner, entrusts Hunan Sci. & Tech. Information Research Institute (HNSTI) to start studying the CDM development of the China Hunan Yuzitang Small Hydropower Project;
- 2) HNSTI shall be responsible in policy consultation & development during early study stage, and conduct analysis & advisory during CDM project development stage;
- 3) Any benefit / liability linked with the project development shall be subject to the final contract co-signed by STBY & HNSTI

如下：

- 一、甲方作为项目业主委托乙方开展邵阳市洞口县芋子塘水电站 CDM 项目的开发研究工作；
- 二、乙方负责该项目前期开发的政策指导和项目开发分析指导；
- 三、双方在开发该项目中所涉权利义务的享受或承担，在甲、乙双方最终签订的合同书确定。

本意向书一式两份，甲、乙双方各执一份。

甲方：



(盖章)

甲方代表（签字）：

陈进东

乙方：



(盖章)

乙方代表（签字）：

杨

二〇〇四年七月八日

Dated 8-Jul-04

co-signed by

- i) Shaoyang Triumph Billion Yuzitang Power station Development Ltd, Co. (STBY), as project owner
- ii) Hunan Sci. & Tech. Information Research Institute (HNSTI), as CDM consultant

Ref /28/

Industrial and Commercial Bank of China (Shaoyang
Branch)

< Letter of Intent for loan approval (with consideration
of CDM income to proposed project) >

19th July 2004

中国工商银行邵阳市分行

ICBC (Shaoyang Branch)

邵阳市凯亿（国际）芋子塘电站发展有限公司：

你公司报来的《商业银行信贷申报材料（补充）》及代省科技厅转交的《清洁发展机制项目申报流程及规则说明》收悉。我行经过对洞口县芋子塘水电站项目相关文件的审慎评估，对项目的经济效益、社会效益和环境效益进行了综合考察研究，认为该项目基本符合我行的贷款评审要求，符合清洁发展机制项目的申报要求，清洁发展机制因该项目带来的温室气体减排奖励资金将是改善项目各项经济指标的重要因素。

我行同意向中国工商银行湖南省分行上报该项目，将于近期报送该项目的原始申报材料和我行的评估报告。

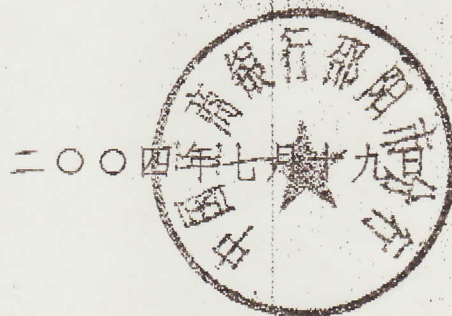
To Shaoyang Triumph Billion Yuzitang Power station Development Ltd, Co. (STBY),

Your submitted "Application materials for commercial bank loans (supplementary)" and "CDM project application procedure and relevant regulation" are acknowledged. After serious assessment for the application documents of Yuzitang project, the economic, social and environmental impacts brought by the project are comprehensively considered. A conclusion can be principally drawn that the project is complying the requirements of bank loans review. The highlight of the project is that the project is eligible to be applying as a CDM project, the CDM revenues brought by selling GHG emission credits are considered to be the key point of improving the financial index of the project.

ICBC (Shaoyang branch) therefore agrees to submit the materials to ICBC (Hunan Provincial Branch) for bank loans approval in recent, with support of our branch's review report.

Responsible person: Mr. Liu Yigui (seal)

Date: 19-Jul-04



ON TEL

Ref /16/

Shaoyang Municipal Ministry of Water Resources

< Approval of construction commencement
(Ref no.: ShaoShuiDianKaiShen [2004] (05)) >

16th August 2004

Construction commencement approval

开工报告审批表

工程所在地水行政主管部门	审核意见	同意开工。该工程批准。(荣瑞引水渠在施工图设计时改为活动坝) 洞峪水利局 (公章) 2004.8.8	
	审批单位意见	审查意见	同意县局意见 2004.8.16. 邵阳市水电局 (公章)
		审批意见	同意 邵阳市水电局 (公章) 2004.8.16
开工报告审批书编号		邵水电开审[2004]05号	

Agreement on construction commencement co-signed by
i) Dongkou County Water Resource Bureau (4-Aug-04);
ii) Shaoyang City Water Resource Bureau (16-Aug-04)

New supplementary document

Ref /N1/

Hunan Sci. & Tech. Information Research Institute

< Internal application letter for establishment of a CDM
service center (HNCDM) under HNSTI
(Ref.: XiangKeXin [2005] (15)) >

5th July 2005

&

< (Hand-written) approval by Head of Hunan
Provincial Science & Technology Bureau on
establishment of HNCDM for management of CDM
service >

20th July 2005

批同意，建议就成立中心
管理，在汇报基础上拿出
院作进一步论证，再报厅审定。
7.20

(Hand-written) approval on establishment of
HNCDM for management of CDM service.

Mr. Wang Kemin (Head of Hunan Provincial
Science & Technology Bureau)
20-Jul-05

湖南省科学技术信息研究所文件

湘科信[2005]15号

关于建议在湖南省开展 CDM 项目的请示

刘小明副厅长并转厅党组：

Internal application letter for establishment of a
CDM service center (HNCDM) under HNSTI
(Ref.: XiangKeXin [2005](15))

党中央提出的构建“和谐社会”其核心是人与人，人与自然、环境、资源和谐。实现人与自然的和谐，实现经济与环境保护、生态建设的协调发展自然是构建“和谐社会”的重要组成部分。

《京都议定书》的 CDM 机制（清洁发展机制）作为一个能带来显著经济、社会和生态效益的机制，越来越受到包括发达和发展中国家的高度重视。我国于 1998 年 5 月 29 日签署《京都议定书》。由国家发改委、科技部、外交部联合颁布的《清洁发展机制项目运行管理暂行办法》已于 2004 年 6 月 30 日起实施。2005 年 1 月，科技部成立了“全球环境办公室”，由农村与社会发展司王晓方司长兼办公室主任，并每年设立一定额度的专项经费，用于指导和管理全国清洁发展机制工作的开展。同时国家科技部正在组织地方科技管理部门、有关部门科技主管机构和有关行业协会等单位推荐清洁发展机制候选项目。CDM 项目已经成为全国各个省份争取的热点项目，据不完全统计，全国共有 20 多个省份的政府机构以各种形式逐步进入了 CDM 项目的开发、推广和服务当中。河北省科技厅专门在信息研究所设立了 CDM 项目办公室，宁夏、甘肃等多个省份的科技厅也专门设立了 CDM 的服务机构，专门对 CDM 项目进行指导和开发。

湖南省作为中部省份，拥有丰富的 CDM 项目开发资源。我省的中小水电 CDM 项目将很有发展潜力，第一个 CDM 项目郴州市汝城县渔仔

口水电站将得到国际上无偿援助 200 万元。我省的钢铁行业将有机会无偿得到日本先进技术和发展资金。我省的工业企业的污染防治和循环经济领域将具有潜在的 CDM 开发潜力，生态建设潜在的 CDM 价值将达 4 亿美元，全国第一的长沙市固体废弃物处理场将极有可能获得大量的无偿 CDM 资金和相关技术。同时我省在科技项目上将有可能申请到国际 CDM 建设科研发展项目，将得到发达国家大量的国际科研经费。同时，CDM 项目还将对我省的汽车、能源、钢铁、烟草等行业产生深远影响。

为了给我省开展 CDM 项目提供科学依据，湖南省科技信息研究所科技政策与战略研究室自 2004 年开始就《京都议定书》的进展给予密切关注，对 CDM 机制进行了较全面的研究，并对我省的部分企业调研和洽谈，已经签署了 20 多个项目开发的意向协议（见附件）。我们认为，湖南省应积极利用 CDM 机制，利用发达国家产业转移、以及国外提供无偿资金和技术的机遇来对我省的产业技术进行改造和提高，发展我省经济。特建议由省科技厅牵头，省内其他厅局进行配合，由湖南省科技信息研究所具体承办，联合省内高校科研人才，组建“湖南省 CDM 项目服务中心”，为我省企业和单位提供 CDM 宣传、项目设计、申报、培训等一系列服务。

现将“湖南省 CDM 项目服务中心”建设方案草案呈上，并希望得到各级领导的支持。

特此请示，请予批示！

附件一：关于组建“湖南省 CDM 项目

附件二：我国开展 CDM 项目的情况

附件三：我国其他省份开展 CDM 项目

附件四：湖南省科技信息研究所 CDM 工作记要

...it is thus suggested to establish "Hunan Province CDM Project Service Center (HNCDDM)" for promoting CDM to the enterprises in Hunan Province, and providing services like project design, project application & training, etc...



Signed by HNSTI (sealed)
5-Jul-05

New supplementary document

Ref /N2/

Ministry Of Science and Technology (MOST) of P.R.
China

< Online announcement on establishment of HNCDM >

9th November 2005



科技部门户 > 地方科技工作

湖南省重视“中国—加拿大清洁发展机制（CDM）”项目开发和服务能力建设

科技部门户网站 www.most.gov.cn 2006年04月11日 来源：科技部

Ministry Of Science and Technology (MOST) of P.R. China (11 Apr 2006):
Online announcement on establishment of HNCDM on 9 Nov 2005
(http://www.most.gov.cn/dfkjgznew/200512/t20051208_26678.htm)

CDM是一项利用市场手段来解决气候环境问题的“双赢”机制，利用CDM机遇、开发CDM项目，对湖南省经济与社会发展有着重大的推动和促进作用。利用国外提供无偿资金和技术来改造和提高湖南省的产业技术，是消除湖南省资源环境人口瓶颈，实现湖南省经济和社会的可持续发展的的重要途径。

湖南省一直高度重视CDM项目开发和服务能力建设。2005年11月9日，在获批为CDM试点省份后，省科技厅成立了“湖南省CDM项目服务中心”。目前，该中心已经举办了2次培训班，完成了6个项目概念文件、2个项目设计文件的制作。2005年12月7日，省发改委、省科技厅联合颁发了《关于填报清洁发展机制（CDM）项目的通知》，已收到各市、州发改委和科技局填报项目209个。

“中国—加拿大清洁发展机制合作项目”进一步实施后，湖南省将在现已调研的项目中确定一批为2006年重点开发项目，并将CDM的能力建设列入了湖南省“十一五”科技发展规划、重点项目库与2006年度科技计划项目申报指南。目前，湖南省CDM项目开发水平已进入全国先进行列，2006年将力争在联合国清洁发展机制理事会注册约10个CDM项目。

（湖南科技厅）

.... It is always of an utmost concern in CDM project development & capacity building in Hunan Province. On 9 Nov 2005, upon appointed as a "CDM trail-run province", the Hunan Provincial Science & Technology Bureau approved the establishment of Hunan CDM Project Service Center (HNCDM). Up to now, the HNCDM has already held 2 rounds of training sessions, completed preliminary assessment of 6 projects, and compiled PDDs of 2 projects. On 7 Dec 2005, a notice on <Guidance on CDM project application> has been released by the Hunan Provincial Development & Reform Commission & the Hunan Provincial Science & Technology Bureau. It has been now received 209 nos. of project application from various Municipal Development & Reform Commission and Science & Technology Bureau.

...After implementation of the <Sino-Canada CDM cooperation program>, which started from Oct 2005 and concluded in April 2006, the capacity building program systematically trained the HNCDM to be well capable in developing CDM projects...

Ref /31/

Shaoyang Triumph Billion Yuzitang Power station
Development Ltd, Co.

&

Hunan CDM Project Service Center (HNCDDM),

< CDM service contract >

18th August 2006

Contract on preparation of CDM project

Contract no.: HNCMD 20_A

CDM 项目 PDD 文件编制委托合同

合同编号: HNCMD20 _____ A

项目名称: 中国洞口县茅坪水电站甲方(委托单位): 邵阳市洞口县茅坪水电站开发有限公司地 址: 湖南省邵阳市洞口县茅坪乡安山村法定代表人: 肖林峰 职务: 董事长 肖林峰联系人: 肖定清 电话: 肖定清 0731-7222665

账户名称: _____

开户银行: _____

账户号码: _____

乙方(被委托单位): 湖南湘科清洁能源发展有限责任公司地 址: 长沙市八一路 59 号·湖南省科技厅信息大楼法定代表人: 张汉文 职务: 董事长联系人: 王鸣鸣 电话: 0731-4586965账户名称: 湖南湘科清洁能源发展有限责任公司开户银行: 中国银行股份有限公司湖南省分行营业部账户号码: 800114432008091001

Project title: China Hunan Yuzitang Small Hydropower Project

Project owner: Shaoyang Triumph Billion Yuzitang Power station Development Ltd, Co.
Service provider: Hunan CDM Project Service Center

1、合同签订后，如一方要求修改或者解除合同，必须以书面形式向另一方提出，经双方协商一致的，可对本合同条款进行修订，补充或者解除合同。

2、合同履行期间，甲方与 CER 国际购买方在履行 CER 购买协议过程中所产生的一切争议，不属于本合同的调整范围，其争议由甲方与 CER 购买方解决。

第八条 合同争议的解决方法

如本合同在履行过程中发生争议的，由双方当事人协商解决；如果协商不成的，提交湖南省长沙市仲裁委员会仲裁。不服仲裁的可向长沙市芙蓉区人民法院申请裁决。

第九条 合同的生效

- 1、本合同一式两份，甲乙双方各持一份，经甲、乙双方签字盖章后生效。
- 2、合同的有效期为合同签订之日起至项目减排结束之日。

甲方负责人签字(委托人):

乙方负责人签字(被委托人):

盖章:



2006年8月18日

盖章:



2006年8月18日

Dated 18-Aug-06

co-signed by

i) Shaoyang Triumph Billion Yuzitang Power station Development Ltd, Co. (STBY), as project owner

ii) Hunan CDM Project Service Center (HNCDDM), as CDM consultant

Previously submitted for registration document
(without ref no. marked)

Shaoyang Triumph Billion Yuzitang Power station
Development Ltd, Co.

&

Carbon Asset Management Sweden AB

< Letter of Intent on CER purchase >

29th September 2006

Letter of Intent

regarding

Dongkou Yuzitang hydropower station Project

in

Hunan

Party A (Project Owner): Shaoyang Kaiyi (Int.) Yuzitang hydropower development Ltd. Co.
Address: Xuefengxi street, Dongkou county, Hunan province
Legal Representative: Xiao, Linhui
Title: Chairman of Board

Party B (Buyer): Carbon Asset Management Sweden AB
Address: c/o Tricorona AB, Drottninggatan 92-94
SE-111 37 Stockholm, Sweden
Legal Representative: Niels von Zweigbergk
Title: CEO, Carbon Asset Management Sweden AB

no later than 20 Business Days after Period of LoA Request.

买方必须在项目审定程序完成的三个月之内（“LoA 要求期限”）获得附件 1 国家的审批书。如果项目被附件 1 国家的指定国家权利机构否定，协议双方中任何一方在以书面形式通知另一方的前提下都有权中止这份协议，但通知必须在 LoA 要求期限后的 20 个商业工作日之内。

Party A

甲方： 阳江市凯亿(国际)光伏电站发展有限公司

Authorized Signature:

授权签字:

Name:

姓名: 陈西东

Date:

签署时间: 2006.9.29

Party B

乙方:

Authorized Signature:

授权签字:

Name:

姓名: Niels von Zweigbergk

Date:

签署时间: 2006-09-29

New supplementary document

Ref /N4/

National Development and Reform Commission,
Department of Climate change

< Approval status of CDM projects in China
(up to 10th October 2006) >

Clean Development Mechanism in China

Sponsored by Department of Climate change, National Development and Reform Commission

Current Location :Project Information

Approval status of CDM projects in China (up to October 10, 2006)

Projects Approved By DNA of China (Total: 125)

Project Name	Project Type	Project Owner	CER Buyer	Estimated Ave. GHG Reduction (tCO ₂ e/y)
Inner Mongolia Huitengxile Jingneng 100 MW Wind Power Project	Renewable energy	Beijing International New Energy Co.Ltd	Endesa Generation S.A.	247,466
Shuicheng Dawan and Zhongling CMM Utilization Project	Methane recovery & utilization	Shuicheng Mining (Group) Ltd.,Co	Energy System International B.V.	713,381
Hebei Chengde Songshan Wind Farm Project	Renewable energy	Hebei Hong-Song Wind Power Share Holding Ltd.	Carbon Resource Management Ltd.	105,490
Hebei Shangyi Manjing East Wind Farm Project	Renewable energy	Guohua Hebei New Energy Co., Ltd	Carbon Resource Management Ltd.	112,030
Guohua Inner Mongolia Huitengliang Wind Farm Project	Renewable energy	Guohua Xilinguole New Energy Co., Ltd	Carbon Resource Management Ltd.	129,307
Heilongjiang Huafu Muling Wind Farm Project	Renewable energy	Heilongjiang Huafu Muling Wind Power Co., Ltd	Energy Systems International B.V.	78,755
Hebei Kangbao Wolongtushan 30 MW Wind Farm Project	Renewable energy	Hebei Construction Investment Zhangjiakou Wind Energy Co., Ltd	Energy Systems International B.V.	59,670

<http://cdm.ccchina.gov.cn/english/NewsInfo.asp?NewsId=1206>

2008-12-19

Xinjiang Uygur Autonomous Region Wensu Tagake Hydropower Station	Renewable energy	Xinjiang Xinshui Co., Ltd	ENEL Trade SpA	215,975
Chongqing Pengshui Longmenxia Hydropower Station	Renewable energy	Pengshui Haitian Hydro-electric Development Co.,Ltd.	ENEL Trade SpA	62,702
Cangxi Liyuan Hydroelectric Power Station	Renewable energy	Cangxi Jianghe Hydroelectric Power Development Co.,Ltd	ENEL Trade SpA	33,524
Cangxi Donghe Yangmouisi Hydroelectric Power Station	Renewable energy	Cangxi Jianghe Hydroelectric Power Development Co.,Ltd	ENEL Trade SpA	23,215
Cangxi Donghe Dongxi Hydroelectric Power Station	Renewable energy	Cangxi Jianghe Hydroelectric Power Development Co.,Ltd	ENEL Trade SpA	27,095
Cangxi Donghe Fengziyan Hydroelectric Power Station	Renewable energy	Cangxi Jianghe Hydroelectric Power Development Co.,Ltd	ENEL Trade SpA	36,783
Cangxi Donghe Likou Hydroelectric Power Station	Renewable energy	Cangxi Jianghe Hydroelectric Power Development Co.,Ltd	ENEL Trade SpA	29,220
Cangxi Donghe Beituo Hydroelectric Power Station	Renewable energy	Cangxi Jianghe Hydroelectric Power Development Co.,Ltd	ENEL Trade SpA	28,330
Sichuan Pingshan Pingbian&Guanyintuo Hydropower Station	Renewable energy	Pingshan Zhongxing Electrometallurgy Co.,Ltd	ENEL Trade SpA	127,112
N2O decomposition Project of PetroChina Company Limited Liaoyang Petrochemical Company	N2O Decomposition	PetroChina Company Limited Liaoyang Petrochemical Company	Goldman Sachs International , Natsource Asset Management Corp	10,376,632
Yangquan Coal Industry Group CMM Utilisation in Advanced Alumina Furnace Project	Methane recovery & utilization	Yangquan Coal Industry (Group) Company Ltd.	IXIS Environmnet & Infrastructures.,CAMCO	1,066,039
Yangquan Coal Industry Group 90MW Coal Mine Methane to Power Generation Project	Methane recovery & utilization	Yangquan Coal Industry (Group) Company Ltd.	IXIS Environmnet & Infrastructures.,CAMCO	2,149,828
Fuxin Coal Mine Methane				

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(CMM)/Coal Bed Methane (CBM) Utilization Project, Liaoning Province	Methane recovery & utilization	Fuxin Mining (Group) Corporation, Ltd.	Carbon Compliance Acquisition 13 Limited, Vitol SA	978,840
Gansu Jieyuan 88.4MW Yumen Windpark Project, Gansu Province, China	Renewable energy	Gansu Jieyuan Wind Power Co., Ltd	Trading Emissions Limited	186,895
Wuxi Taohuashan Landfill Gas to Electricity Project	Methane recovery & utilization	Wuxi Tianshun Environmental Technology Co., Ltd	Toyota Tsusho Corporation	75,316
Zhongjieneng Jurong 2*12MW Biomass Direct Burning Power Plant Project	Renewable energy	Zhongjieneng Biomass Energy Investment Corporation	Carbon Resource Management Ltd.	117,941
Zhongjieneng Suqian 2*12MW Biomass Direct Burning Power Plant Project	Renewable energy	Zhongjieneng Biomass Energy Investment Corporation	Carbon Resource Management Ltd.	117,941
Yunnan Heier 25MW Hydropower Project	Renewable energy	Shizong Heier Hydro Power Development Co., Ltd	Energy Systems International B.V.	77,556
Yunnan Yingjiang Nandihe Hydro Power Project	Renewable energy	Yingjiang Nandihe Hydro Power Co., Ltd	Energy Systems International B.V.	74,454
28MW Jinkouka Hydropower Project	Renewable energy	Jintai Hydropower Co., Ltd of Wen County in Gansu province	unilateral project	124,066
Gansu Huangshui River Ping'an 10MW Small Hydro Power Project	Renewable energy	Gansu Zhongyuan Water Conservancy and Hydro Power Plant Development Co., Ltd	Energy Systems International B.V.	50,254
Baxianyuan 27MW Hydropower Project	Renewable energy	Yangxian Longsheng Hydropower Development Co., Ltd. Of Shaanxi Province	Energy Systems International B.V.	81,756
Jinggangshan 36MW Hydropower Project	Renewable energy	Jinggangshan Suichuanjiang Development Co., Ltd	Energy Systems International B.V.	76,493
Xinjiang Dabancheng Sanchang	Renewable energy	Xinjiang Tianfeng Wind Power	Energy Systems International	97,407

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First Phase Wind Farm Project		Co., Ltd	B.V.	
Wuerguli 30MW Wind Power Project	Renewable energy	Heilongjiang Fulong Wind Power Co., Ltd	Energy Systems International B.V.	73,808
Guangrun Hydropower Project in Hubei Province, P.R.China	Renewable energy	Jianshi Guangrun Hydropower Development Company Ltd	The International Bank for Reconstruction and Development as trustee of Community Development Carbon Fund	78,048
Inner Mongolia Chifeng Saihanba West 30.6 MW Windfarm Project	Renewable energy	Datang Chifeng Saihanba Wind Power Co., Ltd	Carbon Resource Management Ltd.	83,125
Ningxia Yinyi 49.50MW Windfarm Project	Renewable energy	Ningxia Yinyi Wind Power Generation Co., Ltd.	Carbon Asset Management Sweden AB	97,341
Ningxia Shapotou Hydropower Project of Yellow River	Renewable energy	Ningxia Shapotou Water Control Co., Ltd	Carbon Asset Management Sweden AB	473,215
Laizhou Diaolongzui Wind Farm Project	Renewable energy	Shandong Luneng Development Group Co., Ltd	ENEL Trade SpA	96,668
Rongcheng Dongchudao Wind Farm Project	Renewable energy	Shandong Luneng Development Group Co., Ltd	ENEL Trade SpA	28,964
Jiuxiaohe and Sanhekou Small Hydropower Bundle Project	Renewable energy	Sangzhi Zhongyuan Hydroelectric Power Station	Carbon Asset Management Sweden AB	53,941.55
Inner Mongolia 100 MW Huitengxile Windfarm Project	Renewable energy	Inner Mongolia North Long Yuan Wind Power Company	World Bank as Trustee of the Prototype Carbon Fund	223,244
Hebei Jinzhou 24MW Straw-fired Power Project	Renewable energy	Hebei Jiantou Biomass Power Co., Ltd	IXIS Environmnet & Infrastructures	184,339
Installation of Waste Heat Recovery system in a coking plant in Qian'an City, China	Improvement of energy efficiency	Qian'an Zhonghua Coal Chemical Co., Ltd	Nippon Steel Corporation	207,959
Shandong Yucheng Xinyuan Biomass Heat&Power	Improvement of energy efficiency	Shandong Yucheng Xinyuan Heat& Power Co., Ltd	Carbon Resource Management Ltd.	205,417
Pansan Coal Mine Methane Utilization and Destruction	Methane recovery & utilization	Huainan Coal Mining Group	Vitol SA	115,703

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6.5MW Waste Heat Recovery Project in Huasheng Tianya Cement Co.,Ltd	Improvement of energy efficiency	Huasheng Tianya Cement Co.,Ltd	Carbon Asset Management Sweden AB	36,348
30MW Waste Heat Recovery Project of Hongshi Group	Improvement of energy efficiency	Hongshi Group	MGM Carbon Portfolio, SARL	163,566
Henan Luyi 25MW Biomass Cogeneration Project	Renewable energy	National Bio Energy Co., Ltd.	Trading Emission Limited ɿ UK ɿ	92,876
120MW CMM-fired Power Plant CDM Project of JMC	Methane recovery & utilization	Shanxi Jincheng Anthracite Mining Group Co.,Ltd	International Bank for Reconstruction and Development/Prototype Carbon Fund Japan Carbon Finance,Ltd IBRD-The Netherlands Clean Development Mechanism Facility (NCDMF) ICECAP Carbon Trading Limited	3,000,000
Huadian Inner Mongolia Huitengxile 100.25MW Wind Farm Project	Renewable energy	Inner Mongolia Huadian Huitengxile Wind Power Co., Ltd	ENEL Trade SpA* (Italy)	253,218
Zhangbei Mijiagou 49.5MW Windfarm Project	Renewable energy	Zhangbei Guotou Wind Power Plant	Caron Resource Management Ltd	89,741
Danian 14MW Hydropower Project, Gansu Province,China	Renewable energy	Longnan Dongcheng construction Group Co.,Ltd (LDGC)	unilateral project	52,482
Hongyuan 10MW Small Hydropower Project	Renewable energy	Gansu Hongyuan Hydropower Development Co.,Ltd.	Energy System International B.V.(The Netherlands)	30,770
Wuhuzha 12MW Small Hydropower Project	Renewable energy	Gansu Hongyuan Hydropower Development Co.,Ltd.	Energy System International B.V.(The Netherlands)	35,386
Decomposition of HFC23 from Two HCHC22 Production Lines of	Chemical pollutants	Zhejiang Juhua Co.,Ltd.,	Climate Change Capital China Limited ɿ CCC China Limited,UK ɿ ɿ Climate	4,987,339

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Zhejiang Juhua Co.,Ltd,P.R.China	reduction		Change Capital Carbon Fund 2 s.a.r.l ɿ C4F2 ɿ	
Fuel Switch Project of Shanxi Luneng Jinbei Aluminium Co.,Ltd	Fuels substitute	Shanxi Luneng Jinbei Aluminium Co.,Ltd.	Marubeni Corporation (Japan)	160,803
Huaibei Haizi and Luling Coal Mine Methane Utilization Project	Methane recovery & utilization	Huaibei Mining (Group) Co., Ltd	Energy Systems International B.V.(The Netherlands)	291,765
Yantai Coal-Fired Boiler Energy Efficiency Project	improvement of energy efficiency	Yantai MSL Beer Material Co., Ltd	Idemitsu Kosan Co., Ltd. (Japan)	5,600
Guyuan 30.6MW Wind-Farm Project in Hebei	Renewable energy	Zhangjiakou Wind Energy Department of Hebei	unilateral project	65,543
Sichuan Huoxi River Huaneng Yinping Hydropower Project	Renewable energy	Sichuan Huaneng Fujiang Hydropower Co.Ltd	Endesa SA(Spain)	277,852
Sichuan Baoxing River Huaneng Boxing Hydropower project	Renewable energy	Sichuan Huaneng Baoxing River Power Co.Ltd	Endesa SA(Spain)	517,541
Sichuan Wasi River Huaneng Xiaotiandu Hydropower Project	Renewable energy	Sichuan Huaneng Kangding Hydropower Co.Ltd	Endesa SA(Spain)	581,102
Ningguo Cement Plant 9100KW Waste Heat Recovery and Utilisation for Power Generation Project of Anhui Conch Cement Company Limited	Energy saving and efficiency improvement	Anhui Conch Cement Company Limited	CAMCO International Limited (UK ɿ)	55,897
Jiaozishan Landfill Gas Recovery and Utilisation Project	Methane recovery & utilization	Nanjing Yunsheng New Energy Development Co.Ltd	CAMCO International Limited (UK ɿ)	147,880
N2O Decomposition CDM Project of Henan Shenma Nylon Chemical Co.,Ltd	N2O Decomposition	Henan Shenma Nylon Chemical Co.,Ltd (Henan province)	Natsource Asset Management Corp. ɿ Canada ɿ	4,000,000
Combined Cycle Power Plant CDM Project in Jinan Iron & Steel Works	Energy saving and efficiency improvement	Jinan Iron and Steel Works Group Company Limited	Noble Carbon Credit UK Limited ɿ UK ɿ	2,788,744
Sichuan Huoxi River Huaneng Ziyili Hydropower Project	Renewable energy	Sichuan Huaneng Fujiang Hydropower Co.Ltd	Endesa SA(Spain)	350,691

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Sichuan Huoxi River Huaneng Muzuo Hydropower Project	Renewable energy	Sichuan Huaneng Fujiang Hydropower Co.,Ltd	Endesa SA(Spain)	272,143
Sichuan Jialingjiang River Huaneng Qingju Hydropower Project	Renewable energy	Sichuan Huaneng Jialing River Hydropower Co.,Ltd	Endesa SA(Spain)	337,442
Yichun Shimaodingzi Wind Power Project	Renewable energy	Yichun Xinganling Wind Power Co.,Ltd.	Kommunalkredit Public Consulting GmbH 奥地利	70,863
Yichun Erduoyan 28.05MW Wind Power Project	Renewable energy	Yichun Xinganling Wind Power Co.,Ltd.	Kommunalkredit Public Consulting GmbH 奥地利	65,441
Yichun Daqingshan 16.15MW Wind Power Project	Renewable energy	Yichun Xinganling Wind Power Co.,Ltd.	Kommunalkredit Public Consulting GmbH 奥地利	30,469
Jiangsu Rudong Huangang Dongling 100.5MW Wind Power Project	Renewable energy	Jiangsu Longyuan Wind Power Co.,Ltd.	Kommunalkredit Public Consulting GmbH 奥地利	199,062
Inner Mongolia Huitengliang 49.5MW Wind Power Project	Renewable energy	Datang Hebei Power Co.,Ltd	unilateral project	106,090
Yanling Shendu Hydropower Project	Renewable energy	Hunan Zhongda Shendu Hydropower Co.,Ltd	Carbon Resource Management Ltd (UK)	17,678
Kanfeng 15MW Hydropower Station Project	Renewable energy	Gansu Gongjiaotou Kanfeng Hydropower Development Co., Ltd	Kansai Electric Power Co., Inc.	57,228
Luertai 12.2MW Hydropower Station Project	Renewable energy	Lintan Luertai Hydroelectric Power Co., Ltd	Kansai Electric Power Co., Inc.	41,747
Shandong Weihai 69MW Wind Power Project	Renewable energy	Huaneng Zhongdian Weihai Wind Power Co., Ltd	Endesa, S.A.	128,697
Shandong Changdao 27.2MW Wind Power Project	Renewable energy	Huaneng Zhongdian Changdao Wind Power Co., Ltd	Endesa, S.A.	53,693

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Jiangsu Qidong 91.5 MW Wind Power Project	Renewable energy	Huaneng New Energy Industrial Co. Ltd.	Endesa, S.A.	184,121
Changling Wind Power Project	Renewable energy	Jilin Wind Power Stockholding Company	Climate Change Capital Carbon Fund s.a.r.l	17,630
Shenzhen Xiaping landfill Gas Collection and Utilization Project	Methane recovery & utilization	Shenzhen Lisai Development Co. Ltd	Climate Change Capital Carbon Fund s.a.r.l	749,186
Erlongshan Hydropower Project in Cansu Province	Renewable energy	Gansu Zhangye Erlongshan Hydropower Co., Ltd	unilateral project	144,658
Jilin Changling Wind Farm Phase I Project	Renewable energy	SinoHydro Investment Co., Ltd	IXIS Environmental & Infrastructures	89,740
Facilitating Reforestation for Guangxi Watershed Management in Pearl River Basin	Afforestation and Reforestation	Xinghuan Forestry Development Company Ltd	International Bank for Reconstruction and Development as Trustee of the BioCarbon Fund	20,000
Wudu Dayuanba Hydroelectric Project	Renewable energy	Wudu Dayuanba Hydropower Development Co., Ltd.	unilateral project	74,190
Anguoer Hydropower Project	Renewable energy	Gansu Hezuo Anguo Hydropower Co., Ltd	unilateral project	68,748
5MW Renewable Energy Project for Grid in Gansu Province	Renewable energy	Wen County Tianhe Hydropower Co. Ltd	unilateral project	19,329
9.6 MW Xiaohu Small Hydropower Project	Renewable energy	Gansu Xiahe Hengfa Hydropower Co. Ltd	unilateral project	36,582
Saihanba North 45.05 MW Wind farm Project	Renewable energy	Datang Chifeng Saihanba Wind Power Co., Ltd	Carbon Resource Management Ltd	91,686
Saihanba East 45.05 MW Wind farm Project	Renewable energy	Datang Chifeng Saihanba Wind Power Co., Ltd	Carbon Resource Management Ltd	94,542
Ningxia Tianjing 50.25 MW Wind-farm Project	Renewable energy	Ningxia Tianjing Wind Power Generation Electricity Joint Stock Co., Ltd	Chubu Electric Power Co., Inc.	63,494
HFC-23 Decomposition Project at Zhonghao Chenguang Research	Chemical pollutants	Zhonghao Chenguang Research Institute of Chemical	Enel Trade S.p.A	2,065,850

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Institute of Chemical Industry	reduction	Industry		
Tuanpo Hydropower Project in Guizhou Province	Renewable energy	Guizhou Mengjiang River Basin Development Co., Ltd	Tokyo Electric Power Company Inc.	144,125
Jilin Taobei Fuyu 49.5 MW Wind Power Project	Renewable energy	Baicheng Fuyu Wind Power Co., Ltd	Trading Emission Limited	72,998
Inner Mongolia Chifeng Dongshan 49.3 MW Wind Power Project	Renewable energy	Datang Chifeng Saihanba Wind Power Co., Ltd	unilateral project	112,333
Gansu Jingtieshan Hydro Power Project	Renewable energy	Jiuquan Sanyuan Hydro Power Development Co., Ltd	Endesa, S.A.	110,470
Gansu Dang River Hydropower Project	Renewable energy	Jiayuguan Tongyuan Hydropower Co., Ltd	Japan Carbon Finance, Ltd	192,223
Liaoning Zhangwu 24.6 MW Wind farm Project	Renewable energy	Liaoning Zhangwu Jinshan Wind Power Ltd.	Carbon Asset Management Sweden AB	38,267
Liaoning Kangping 24.56 MW Wind-farm Project	Renewable energy	Liaoning Kangping Jinshan Wind Power Ltd	Carbon Asset Management Sweden AB	40,908
NISCO Converter Gas Recovery and Utilization for Power Generation Project	Energy saving and efficiency improvement	Nanjing Iron & Steel Co., Ltd	International Bank for Reconstruction and Development as Trustee of the Italy Carbon Fund	79,000
Yunnan Dalianzi Hydropower Project	Renewable energy	Maguan Daliangzi Power Co. Ltd.	Austrian JI/CDM Programme	102,171
Shuangliao Wind Farm Project	Renewable energy	Datang Jilin Power Generation Co., Ltd.	Climate Change Capital Carbon Fund s.a.r.l	98,813
Jilin Taonan Wind Farm Project	Renewable energy	Jilin Mingmen Wind Power Co. Ltd.	Austrian JI/CDM Programme	96,993
Fujian Zhangpu Liua 30.6MW Wind Power Project	Renewable Energy	Datang Zhangzhou Wind Power Co., Ltd	unilateral project	51,238
Ningxia Tianjing Shenzhou 30.6MW Windfarm Project	Renewable Energy	Ningxia Tianjing Shenzhou Wind Power Ltd.	Trading Emission Limited	64,446

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HFC23 Decomposition CDM Project at Zhejiang Dongyang Chemical Co. Ltd.	Chemical pollutants reduction	Zhejiang Dongyang Chemical Co. Ltd.	ENEL Trade S.p.A	3,656,576
HFC23 Decomposition CDM Project at Linhai Limin Chemical Co. Ltd.	Chemical pollutants reduction	Linhai Limin Chemical Co. Ltd.	ENEL Trade S.p.A	4,785,534
Jilin Taobei Huaneng 49.3 MW Wind Power Project	Renewable Energy	Huaneng New Energy Industrial Co. Ltd.	Endesa, S.A.	93,652
Jilin Tongyu Huaneng 100.5 MW Wind Power Project	Renewable Energy	Huaneng New Energy Industrial Co. Ltd.	Endesa, S.A.	255,159
Guangdong Nan'ao Huaneng 45.05 MW Wind Power Project	Renewable Energy	Huaneng New Energy Industrial Co. Ltd.	Endesa, S.A.	67,939
Ningxia Helanshan Wind-farm Project	Renewable Energy	Ningxia Electric Power Group Co. Ltd.	Trading Emission Limited	216,499
Taishan Cement Works Waste Heat Recovery and Utilization for Power Generation Project	Energy saving	Xinwen Mining Group Company Limited	Natsource Europe Limited	107,116
HFC23 Decomposition CDM Project at Changshu 3F Zhonghao New Chemical Materials Co. Ltd.	Chemical pollutants reduction	Changshu 3F Zhonghao New Chemical Materials Co. Ltd.	World Bank	10,871,938
HFC23 Decomposition CDM Project at Jiangsu Meilan Chemical Co.Ltd.	Chemical pollutants reduction	Jiangsu Meilan Chemical Co. Ltd.	World Bank	8,825,831
The 30MW Tuoli Wind-farm Project in Urumqi, Xinjiang of China	Renewable Energy	Beijing Guotou Energy Conservation Company	Tokyo Electric Power Company	95,761
Zhejiang Juhua HFC-23 Decomposition Project	Chemical pollutants reduction	Zhejiang Juhua Co., Ltd.	JMD Greenhouse-Gas Reduction Co.Ltd	5,790,000
Shandong Dongyue HFC23	Chemical pollutants	Shandong Dongyue Chemical	Mitsubishi Corporation, Nippon Steel Corporation,	10,110,000

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Decomposition project	reduction	Co., Ltd	and Natsource Europe Limited	
Rudong County Wind Farm Project-China	Renewable energy	Jiangsu Unipower Wind Power Co. Ltd	Cooperatieve Centrale Raiffeisen Boerenleenbank B.A.	181,274
Yuzaikou Small Hydropower Project	Renewable energy	Rucheng County Yuzaikou Hydropower Co Ltd.	EcoSecurities Ltd (UK)	40,480
China Xiaogushan Hydropower Project	Renewable energy	Xiaogushan Hydropower Co. Ltd.	World Bank PCF	327,300
Meizhou Landfills Gas Recovery and Utilization as Energy Project	Methane recovery & utilization	Shenzhen PhasCon Technologies Co., Ltd.	Austrian JI/CDM Programme, Kommunalkredit Public Consulting GmbH	278,000
Zhangbei Manjing Wind Farm Project	Renewable energy	Beijing Guotou Energy conservation Company (BJGT)	First Carbon Fund Ltd. (UK)	96,428
Nanjing Tianjinwa Landfill Gas to Electricity Project	Methane recovery & utilization	Nanjing Green Waste Recovery Engineering Co., Ltd.	EcoSecurities Ltd (UK)	265,032
Inner Mongolia Huitengxile Wind Farm Project	Renewable energy	Inner Mongolia Long Yuan Wind Power Development Co., Ltd.	SenterNovem (Netherlands)	51,429
Anding Landfill Gas Recovery and Utilization Project	Methane recovery & utilization	Beijing Erqing Environment Engineering Group	Energy Systems International B.V. (ESI)	90,000

Remark: Blue named projects are the latest Approved By DNA of China. Black letter named projects have been successfully registered by EB.

Source:NC4,NDRC
2006-10-9

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New supplementary document

Ref /N3/

Carbon Asset Management Sweden AB

< Internal email communication within CAM on ERPA
negotiation >

15th March 2007

RE: RE: about the Chuandongxia Project

New supplementary document /N3/

文件(F) 编辑(E) 查看(V) 邮件(M) 工具(T)

回复 回复全部 转发 前一封 后一封 打印 删除 地址簿 文字大小 HTML

发件人: Christer Holmgren

收件人: fulichun2004@126.com

抄送: Björn Odenbro, Lei Xie

日期: 2007年3月20日 23:28:40

主题: RE: RE: about the Chuandongxia Project

Internal communication of carbon buyer (CAM) on ERPA negotiation
15-Mar-07

From: fulichun2004@126.com [mailto:fulichun2004@126.com]

Sent: 15 March 2007 04:43

To: Christer Holmgren

Subject: Re: RE: about the Chuandongxia Project

Dear Christer,

Some information presented
here in the email is
commercially confidential,
thus is shielded

In order to make the project successful, I think we should find a way to settle the price problem.

Negotiation of CERs price

Hope receive your reply soon.

By the way the detailed information of these projects, I will tell you one by one in next letter

Ningde 11.2MW Hydro

Quan River 7.67MW Cascade Hydro

Shaibeitan 35MW Hydro

Qiyang Changmutao 7.46 MW Hydro

Longshan Sanyuan 5MW Hydro

Changtan 80MW Hydro

Dongkou Yuzitang Hydropower Station

Yuzitang hydropower project

Huanyang Ceramics Kilns coal to gas

Jiuyi Mujianghe 18MW Hydro

Jiuyi Zhulongmen 19MW Hydro

Best wishes for you,

Previously submitted for registration document
(without ref no. marked)

TÜV Rheinland (DOE)
&
Carbon Asset Management Sweden AB

< DOE validation enquiry, email
communication_Oct2007 >

15th October 2007

DOE Validation enquiry (email communication_Oct 2007)

Roy Fan/Hk/Chn/TUV

15/10/2007 22:40

To WaiKwok Wong/Hk/Chn/TUV@TUV, Jing
Fang/Bj/Chn/TUV@TUV

cc

bcc

Subject Fw: 答复: Shangbao Hydro project - Intenal Review

Dear Anita / WK,

Please find enclosed new projects!

Roy Fan

Industrial Services

Environment & Energy Technology

CDM Project Manager

TÜV Rheinland Hong Kong Ltd.

Tel: (852) 2192 1000

Fax: (852) 2192 1025

email: roy.fan@hk.chn.tuv.com

<http://www.chn.tuv.com> or www.tuv.com

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----- Forwarded by Roy Fan/Hk/Chn/TUV on 15/10/2007 22:37 -----



"Marco Berggren"

<marco.berggren@tricornona.se>
>

15/10/2007 15:59

To <Roy.Fan@hk.chn.tuv.com>

"James Li" <james.li@tricornona.se>, "Susanne Haefeli-Hestvik"

<susanne.haefeli-hestvik@tricornona.se>, "hanson xu"

cc

<hanson.xu@tricornona.se>, "hanson xu"

<hanson.xu@tricornona.se>

Subject RE: 答复: Shangbao Hydro project - Intenal Review



Dear Roy,

We would like you to assign you for the validation on the following two small scale hydro projects from the Hunan CDM center:

Yuzitang 9.6 MW Hydro

Gaoyongdong 8.8 MW Hydro

Please find attached latest version of PDD and some of the underlying documentary evidence. If you need to prioritize one of them in time, we would like you to put more prioritization on Yuzitang project.

Look forward to receiving your confirmation on when you will be able to conduct the validation on these projects.

Best regards,

Marco Berggren

Carbon Asset Management Sweden AB

Direct +46 (0) 8 506 885 80

Fax +46 (0) 8 34 60 80

Mobile +46 (0) 70 726 74 55

Email marco@tricorona.se

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-----Original Message-----