

# OFFICE MEMORANDUM

DATE: March 7th, 2008

TO: *am*  
Alan Miller, IFC GEF Regional Coordinator, CESGE

FROM: *SK*  
Sandeep Kohli, Sr. Project Officer, CESSE

EXTENSION: 35317

SUBJECT: **Brazil - Externally Fired Combined Cycle Technology Project**  
**Addendum to the PDF C Final Completion Report - TF 052369**

As requested by the GEFSEC, and further to my earlier completion report memo, this is to confirm that the PDF C grant, for US\$ 300 K, was used as approved by the GEF to prepare a feasibility study for an externally fired combined cycle (EFCC Technology), 80 MW, 200 tons/hr. steam co-generation plant at the Costa Pinto sugarcane processing facility in Piracicaba, Sao Paulo, Brazil.

The recipient of the grant, Environmental Power Piracicaba Participacoes S/C Ltda., successfully completed all activities and delivered all requested outputs on time. The feasibility study was broken down into several partial reports and a final report. A description of the content of each partial report was provided in the attachment to my earlier memo dated February 15<sup>th</sup>, 2008. Below are the reports that are not confidential:



EFCC - Brazil\PDF C\  
Deliverable A (Site).d



EFCC - Brazil\PDF C  
Deliverables\Design E



EFCC - Brazil\PDF C  
Deliverables\Gasifier.



EFCC - Brazil\PDF C  
Deliverables\Gas Turb



EFCC - Brazil\PDF C  
Deliverables\Steam G



EFCC - Brazil\PDF C  
Deliverables\Steam T



EFCC - Brazil\PDF C  
Deliverables\Balance



EFCC - Brazil\PDF C\  
Environmental Regs).



EFCC - Brazil\PDF C  
Deliverables\Financin



EFCC - Brazil\PDF C  
Deliverables\Energy.i



EFCC - Brazil\PDF C  
Deliverables\Proform



EFCC - Brazil\PDF C  
Deliverables\Final Rej

Deliverable J, Energy Market, the second in the last line above, has the following six subreports:



EFCC - Brazil\PDF C  
Deliverables J Attach



EFCC - Brazil\PDF C  
Deliverables J Attach



EFCC - Brazil\PDF C  
Deliverables J Attach



EFCC - Brazil\PDF C  
Deliverables J Attach



EFCC - Brazil\PDF C  
Deliverables J Attach



EFCC - Brazil\PDF C  
Deliverables J Attach

The table below shows the GEF financing and cofinancing for this activity. There was a slight variance in the use of the as proposed and approved versus final disbursements.

Approved			Actuals		
Proposed Activities at Approval	GEF Financing	Co-financing	Completed Activities	GEF Financing	Co-financing
Feasibility Study	280,800	280,800	Feasibility Study	300,000	261,600
Travel	18,000	18,000	Travel	0	36,000
Miscellaneous	1,200	1,200	Miscellaneous	0	2,400
Total	300,000	300,000	Total	300,000	300,000

At the time of delivery, I reviewed each statement of expenditure and request for reimbursement, and found them to be in compliance with the terms of the agreement. Our requests for disbursement were processed consistent with our internal procedures as well.

In the interest of keeping the PDF Completion Report and Addendum together, I am attaching the file for my earlier report.



EFCC - PDF Block C Feb 15 2008.pdf

If you have any questions, please let me know.

**Distribution:**

Messrs/Mmes. Khanna (ENVGC), Subramanian (ACTTN), Weber-Fahr (CESSB), Sturm (CESSE), Mirzakarino (CESDR), CESSE Files