

FINAL



**ENERGY ENVIRONMENT
TRAINING PROGRAM
(EETP)**

**MID-PROGRAM PROGRESS REPORT
(OCTOBER 2002 TO JULY 2003)**

PREPARED BY:



*September 2003
Manila, Philippines*

Under Contract No. Lag-I-805-98-00011



ACRONYMS

AED	Academy for Educational Development
AFV	Alternative Fuel Vehicles
AIM-PC	Asian Institute of Management Policy Center
AMORE	Alliance for Mindanao Off-Grid Renewable Energy
AWMA	Air and Waste Management Association
CAA	Clean Air Act
CAPRI	Campaigns & Public Relations, Inc.
CARES	Consumer Action for Reforms in the Electricity Sector
CID	Corporate Image Dimensions, Inc
CNG	Compressed Natural Gas
CNP	Cebu-Negros-Panay or Visayas Power Grid
COE	Committee on Energy (of the Philippine Congress' House of Representatives & Senate)
CWPO	Consumer Welfare and Promotions Office (of DOE)
DENR	Department of Environment and Natural Resources
DOE	Department of Energy
DOTC	Department of Transportation and Communication
DTI	Department of Trade and Industry
ECs	Electric Cooperatives
EETP	Energy Environment Training Program
EPIMB	Electric Power Industry Management Bureau (of the DOE)
EPIRA	Electric Power Industry Reform Act (Republic Act No. 9136)
ERC	Energy Regulatory Commission
GOP	Government of the Philippines
ICB	Institutional Capacity Building
ITS	Interim Technical Secretariat
HOR	House of Representatives (of the Philippine Congress)
IEC	Information, Education, and Communication
IIE	Institute for International Education
LTO	Land Transportation Office (of the DOTC)
M&E S	Monitoring and Evaluation System
MIRIAM-PEACE	Miriam (College) Public Awareness and Education Campaign for the Environment
MMDA	Metro Manila Development Authority
MOU	Memorandum of Understanding
MVIS	Motor Vehicle Inspection System
NACTODAP	National Confederation of Tricycle Owners and Drivers Associations of the Philippines
NASECORE	National Association of Electricity Consumers
Nat Gas	Natural Gas
NCED	Non-Conventional Energy Division (of DOE)



NEA	National Electrification Administration
NEDA	National Economic and Development Authority
NPC	National Power Corporation
NGB	Natural Gas Bill
NGV	Natural Gas Vehicle
NTE	Not-To-Exceed (i.e., maximum amount allowed for contracted services)
OD	Organizational Development
OEM	Office of Environmental Management (of USAID)
NGV-OEM	Nat Gas Vehicle - Original Engine Manufacture
ORP	Office of Regional Procurement (of USAID)
PA-US	PA Consulting/Government Services, Inc (of Washington D.C., USA)
PCA	Partnership for Clean Air
PCCMP	Philippines Climate Change Mitigation Program
PDI	Policy Development and Implementation
PGDC	Philippine Grid and Distribution Codes
PETC	Private Emissions Testing Centre
PMT	Program Management Team (of AED)
PSALM	Power Sector Assets and Liabilities Company
RE	Renewable Energy
RoVE	Reduction of Vehicular Emissions
SO4	Strategic Objective #4 (of USAID's Mission Framework)
STAG	Strategic Technical Advisory Group
TA	Technical Assistance
TNA	Technical Needs Assessment
TransCo	National Transmission Corporation
TWG	Technical Working Group
WESM	Wholesale Electricity Spot Market
USAEP	United States Asia Environmental Partnership
USAID	United States Agency for International Development



INTRODUCTION

The Academy for Educational Development (AED) submits this Mid-Program Progress Report for October 2002 – June 2003 to the United States Agency for International Development – Office of Environmental Management (USAID-OEM) to provide an update and preliminary evaluation on the implementation of the “Energy Environment Training Program(EETP).”

Progress will be reported in terms of the extent to which the EETP has facilitated the execution of policy reforms, built institutional capacity, and strengthened the communication capacity and outreach of various government partner institutions in the following four impact areas:

- Implementation of the Electric Power Industry Reform Act (EPIRA);
- Development of the Philippine Natural Gas (Nat Gas) Industry;
- Reduction of Vehicular Emissions (ROVE) under the Clean Air Act (CAA); and
- Strengthening of the Philippine Renewable Energy (RE) Sector.

This document is organized as follows:

Executive Summary

Part One revisits the USAID-approved EETP 2002 Transition Plan & Detailed 2003-2004 Work Program and the status of implementation;

Part Two, focuses on the Program’s completed activities for the period covering October 2002 to July 2003;

Part Three presents EETP’s Financial status for the same period; and

Part Four discusses initial lessons learned, implementation concerns, and the next steps.

Annexes

- 1 - Financial Status Tables
- 2 - EETP 2002 Transition Plan
- 3 - 2003-2004 EETP Detailed Work Program
- 4 - Summary Description of EETP Completed activities
- 5 - List of all consultants, sub-contractors, service providers & partners
- 6 - EETP Report at the 1st USAID-NEDA Progress Implementation Review Meeting of December 2002
- 7 - EETP Report at the 2nd USAID-NEDA Progress Implementation Review Meeting of August 2003



EXECUTIVE SUMMARY

The Energy Environment Training Program (EETP) is a positive, direct, and joint response of the USAID and the DOE to both existing and emerging challenges faced by the GOP in promoting and facilitating policy and structural reforms in the energy-environment sector. The GOP passed two laws to address separate but interdependent concerns of these sectors: a) the Clean Air Act (CAA), which was enacted into law in 1999 and b) the Electric Power Industry Reform Act (EPIRA), enacted in 2001. USAID and DOE responded to these challenges in the sector with the design, development, and delivery of first, the Philippine Climate Change Mitigation Program (PCCMP, February 1998- September 2002) and currently, the EETP (October 2002-June 2004).

The response involves: a) building individual and institutional capabilities in the sector through training, especially in government agencies involved in implementing policy and structural reforms; b) adapting the outputs of energy environment expert advisory services and knowledge, experiences, and practices from other countries in implementing reforms in the local energy environment sector; and c) developing and implementing communication strategies and plans.

The EETP is driven by the same set of issues and concerns, objectives, and strategies that drove and defined the PCCMP. It is a \$2.9 million, 21-month (October 2002 to June 2004) technical assistance program focused on promoting and facilitating the implementation of power sector reforms. In addition, the program was designed to provide technical assistance for promoting vehicle emissions reduction, natural gas industry development, and use of alternative fuels. Key to the EETP strategy is to build on the initiatives and accomplishments of the PCCMP and to make full use of proven mechanisms, initiatives, and processes that were developed.

Updates

The EETP started in October 2002. Eleven (11) months later and after utilizing \$1.56M (54%, as of end of July 2003) of the obligated funds to provide the required resources for carrying out the response of the USAID/DOE to the challenges in the energy-environment sector, the EETP has remained on track, relevant, and timely in delivering the energy environment expert advisory services, trainings, and communications support to contribute significantly to the attainment of intermediate results and SO4 targets.

These EETP initiatives, more than 70 of which have been completed, will lead to: a) enhancing the capability of the DOE in implementing the EPIRA, b) strengthening the ERC; c) supporting the NPC in Change Management; d) establishing the Wholesale Electricity Spot Market; e) facilitating the Development of the Philippine Natural Gas Industry; f) reducing Vehicle Emissions under the Clean Air Act; and g) advancing the utilization of renewable energy sources.



Evaluation

Overall, EETP work program implementation is proceeding as planned despite difficulties in really sticking to the task-level timelines set in both the EETP transition plan (October 2002 – January 2003) and the Detailed Work Program (February 2003 – June 2004). Timing adjustments had to be done as a result of: (a) the need to synchronize the program calendar with GOP schedules, priorities, and preferences, which are fluid and ever-changing; (b) the availability of experts (foreign and local) and (c) the waiting time involved in completing a budget modification process between January to June 2003, which temporarily slowed down the conduct of major items that were subject to the modification (i.e., EETP communications sub-contracts). Notable among the accomplishments is that practically all of the major activities/tasks for the “Development of the Natural Gas Industry” have been completed. While the delivery of most of the required activities and tasks (our “products/services”) can be and have been completed, there remain major challenges and opportunities for the joint response of the USAID and the DOE to continue addressing through this program.

These challenges and opportunities include a) transition/reorganization in government agencies that results in weak/lack of individual and institutional capabilities to effectively receive, process, adopt, and use, the outputs of technical assistance activities, b) new requirements that have emerged or additional activities that are not within the approved scope of work/contract/budget, and c) major shifts in priorities during the implementation.

These challenges are not entirely new as the following list of lessons learned from the PCCMP and EETP experiences will indicate: a) that a technical needs assessment (TNA) must be a continuous activity and that this is possible if a monitoring and evaluation system is developed and installed at the start of the project, b) that research and academic institutions can greatly assist government agencies in implementing the reform initiatives in the energy environment sector, c) that individual and institutional capability development activities in the energy environment community (government agencies, industry players, NGOs, academic institutions) have to be continuously implemented; and d) that coalition building activities through informal multi-sector meetings are critical in promoting and facilitating reforms.

Next steps

The activities and tasks in the 2003-2004 Work Plan will be implemented as planned in order to complete and fulfil the objectives of the program. To address the challenges and opportunities that will emerge and which we will encounter during the remaining implementation period (August 2003 – June 2004), we shall initiate tasks based on the lessons that we have learned, including: a) an academe-based cadetship program in collaboration with government agencies and industry players to enhance partnerships of GOP with external organizations in their institutional capacity-building programs, and b)



stronger collaboration with other USAID cooperators like the US-DOE Team, USAEP, CCIC, and IPC in order to pursue other activities where EETP is constrained due to contractual and budgetary limitations; and c) wider use of IT to support activities. To sustain the positive results of the initiatives and of the outputs of the different forms of technical assistance, the EETP will continuously monitor and evaluate the lessons learned while implementing the program and evaluate the effectiveness of the different initiatives/innovative approaches of the program.



PART ONE EETP BACKGROUND AND WORK PLANS

Background on EETP

Last October 1, 2002, the US Agency for International Development (USAID) launched a new technical assistance program for the Philippine Government - the ENERGY ENVIRONMENT TRAINING PROGRAM (EETP) - with the Department of Energy (DOE) as the primary implementing partner agency.

EETP is a two-year program based in Manila and managed by the Academy for Educational Development. The Manila-based program management team (PMT) is led by Mr. Renato T. Goco while the Washington DC-based team is led by Mr. Brian McCotter.

EETP envisions an energy environment sector that fosters dynamic, responsive and strong public-private partnership in implementing reforms. The EETP strives for reforms by offering enabling opportunities in policy implementation, institutional capacity-building, and communication.

EETP provides technical assistance in four (4) energy-environment areas:

- (1) Implementation of the Electric Power Industry Reform Act (EPIRA);
- (2) Development of the Natural Gas ("Nat Gas") Industry;
- (3) Development of the Renewable Energy (RE) Sector; and
- (4) Reforms in the Reduction of Vehicle Emissions (RoVE).

USAID's other GOP partner agencies in the EETP are the Energy Regulatory Commission (ERC), National Power Corporation (NPC), National Transmission Corporation (TransCo), Department of Environment and Natural Resources (DENR), Department of Trade and Industry (DTI) and Department of Transportation and Communication (DOTC).

EETP's activities are grouped according to three (3) types of technical assistance that are provided upon the request and concurrence of the GOP partner agencies. These are:

- ***Policy Development & Implementation (PDI) Support.*** This refers to the provision of expert advisory services to a government agency partner in the research, analysis of issues, and review of options, which are needed in preparing, revising, promulgating, and /or implementing various policy instruments such as laws, implementing rules and regulations for a law, department circulars and orders, standards, and guidelines.



- ***Institutional Capacity Building (ICB) Support.*** Institutional capacity-building activities for the partner government agencies include support in organizational development (strategic planning & change management) and training through provision of basic and advanced levels of knowledge and skills, supplemental tool kits, methods and approaches, opportunities for practicum and for exchange of expertise and experiences via conferences and workshops.
- ***Communication & Outreach (IEC Support).*** These are activities aimed at improving knowledge, understanding, and ultimately practices that have an impact on energy policy and regulations in the Philippines. Public meetings and consumer education through participatory strategies constitute one arm of this process while social marketing provides the foundation for behavioral change strategies.

Methodology of Progress Review:

In reviewing the EETP's progress of implementation, we used as basis, two inter-related work plan documents:

1. The EETP 2002 Transition Plan, which was presented by AED to USAID in September 2002 and
2. The EETP 2003-2004 Work Plan, which was presented and approved by USAID in early March 2003.

Per contract, the EETP started out with a Not-to-Exceed (NTE) budget of \$4.3 Million, out of which \$2.9 Million was initially obligated by USAID. By the time the EETP work program was approved in principle by the USAID-Office of Environmental Management (USAID-OEM) last March 2003, the total budget of \$2.9 Million had been firmly obligated.

EETP Work Plans

1. The EETP 2002 Transition Plan

AED-US Home Office Management Team, arrived in Manila in early September to confer with the local management team in preparing the transition plan. The EETP Transition Plan was presented by AED to USAID-OEM early in September 2002. The major activities of this transition work plan were formulated with a view to effecting a seamless transition from EETP's predecessor, the Philippines Climate Change Mitigation Program (PCCMP). The essential components of the transition plan and the status of implementation are summarized in Table 1. See Annex 1 for details of said plan.



2. EETP 2003-2004 Work Plan

The 2003-2004 Detailed Work Program was prepared by the local program management team (PMT) based on the following:

- the findings of a comprehensive technical needs assessment (TNA)¹ that was conducted by EETP with various partner government agencies from October to November; and
- the USAID's strategic objectives for the energy, environment and transport sector as well as the AED contract.

The EETP Work Plan was completed in early March 2003 with USAID's formal approval. At the time of its approval, the plan had undergone several iterations reflecting both GOP's and USAID's priorities. After USAID's approval of the plan, AED also proceeded to prepare modifications on the budget to further operationalize the obligated amounts in the EETP contract.

The 2003-2004 workprogram was essentially designed to deliver key intermediate results in four technical areas:

- *Implementation of the Electric Power Industry Reform Act (EPIRA);*
- *Development of the Philippine Natural Gas (Nat Gas) Industry;*
- *Reduction of Vehicular Emissions (ROVE) under the Clean Air Act (CAA); and*
- *Strengthening of the Philippine Renewable Energy (RE) Sector.*

USAID's approval of the EETP work program in April 2003 served as a firm agreement of what USAID expected the AED to deliver and in turn, what AED was committed to complete in the approximately 16 operational months remaining in the Program's implementation period. Worth noting is that at the time of the work plan approval, more than six (6) months had already elapsed since EETP begun and as such, the program had already completed numerous assignments in the above technical areas, except in RE.

There are eight (8) major activities under the EETP work plan, each one comprising any or a combination of the following components:

- Component 1: Policy Development and Implementation (PDI)
- Component 2: Institutional Capacity Building (ICB)
- Component 3: Communications and Social Marketing (CSM)

Each component in turn, included a number of tasks and sub-tasks, which when taken collectively, will significantly contribute to the attainment of a specified USAID intermediate result, and in turn to the SO4 strategic targets.

¹ The results of this TNA will be published by EETP as a planning reference document for the energy sector. Technical editing work is still ongoing.



Activity #8 – Special Projects, was included in the work program, as a mechanism for funding various tasks within our “technical scope” that are requested by both GOP and USAID in response to emerging and urgent sector concerns.

The various activities and their components/tasks and overall status of implementation are summarized in Table 2. See Annex 2 for the detailed work program

Table 1 - EETP Transition Plan (October-December 2002)

Activities	Schedule			STATUS
	Oct	Nov	Dec	
<i>I. Administrative & Management Organizational Tasks</i>	■	■		<ul style="list-style-type: none"> Completed, with some delays in hiring of admin support specialist, Mr. R.Montoya. EETP's current specialist, Ms. R.dela Cruz, was hired after Mr. Montoya resigned in May 2003.
<i>II. Procurement of program equipment & facilities</i>	■	■		Completed
<i>III. Research Audit on Energy-Environment Sector KAP</i>	■	■		<ul style="list-style-type: none"> Completed for "energy sector" only. Conducted by Pulse Asia.
<i>IV. 2003-2004 Work Plan Development</i>	■	■		<ul style="list-style-type: none"> Draft work plan submitted by AED in January 2003; Revised work plan submitted in March 2003 Approved by USAID in April '03 Completed, with some delays caused by the need to reflect changing GOP & USAID priorities.
<i>V. Training & Public Affairs Program Activities</i> <ul style="list-style-type: none"> Technical Needs Assessment of GOP agencies Logistics & planning for training courses & events in 1st Qtr of 2003, namely: 	■	■	■	<ul style="list-style-type: none"> Completed in November; Technical editing is ongoing for publication purposes.



Activities	Schedule			STATUS
	Oct	Nov	Dec	
<ul style="list-style-type: none"> o ERC Administrator's Course o Consumer Affairs & Consumer Education o Journalists Policy Workshop o Monitoring & Evaluation for EPIRA Implementation - Social Marketing Workshop 				<ul style="list-style-type: none"> • To be conducted in 3rd qtr 2003 • Continuing under CARES Power Watch Forums • Cancelled due to change in program priority • Ongoing • Completed; conducted by Corporate Image Dimensions, Inc.
<p>VI. Continuing Technical Assistance to GOP Agencies on:</p> <ul style="list-style-type: none"> - EPIRA Consumer Education & Protection Program - Policy Development on Natural Gas - Vehicle Emissions Reduction Program - Technical Support in Implementing the EPIRA 	■	■	■	<ul style="list-style-type: none"> - Continuing under CARES Power Watch Forums - Nat Gas bill advisory completed in April 2003 - Ongoing - Ongoing



Table 2: Summary of Activities: EETP 2003-2004 Work Plan

NO.	ACTIVITY, COMPONENTS, AND TASKS	STATUS
1	TECHNICAL SUPPORT TO DOE IN ESTABLISHING THE WESM	
	<i>a. Policy Development & Implementation</i>	
	• Advisory Support for "Harmonizing the WESM Rules and the PGDC"	Ongoing
	• Donors' Collaboration Meeting	Cancelled
	• Advisory Support for the Development of WESM Guidelines & Procedures	Cancelled
	<i>b. Institutional Capacity Building</i>	
	• Basic WESM Simulation Training	Being Prepared
	• Trading & Settlement Training	Cancelled
	• Market Monitoring & Surveillance Training	Still to be done
	<i>c. Communications & Social Marketing</i>	
	• Consensus-Building on WESM & PGDC Proposed Revisions	Completed
	• Publication of the Amendments to WESM & PGDC	Cancelled
	• Public Launching of WESM	Cancelled
	• Development & Dissemination of WESM Collaterals	Still To Be Done
	• CARES Power Watch on WESM	Still to be done



NO.	ACTIVITY, COMPONENTS, AND TASKS	STATUS
2	PROGRAM MANAGEMENT SUPPORT FOR DOE IN IMPLEMENTING THE EPIRA	
	<i>a. Policy Development & Implementation</i>	
	• Development of a "Power Tracker" (EPIRA Monitoring and Evaluation System)	Ongoing
	• Provision of a "Strategic Technical Advisory Group" (STAG)	Ongoing
	• Provision of Interim Technical Secretariat Support (ITS)	Ongoing
	<i>b. Institutional Capacity Building</i>	
	• Strategic Planning Support for EPIAB & CWPO	Cancelled
	• Customer Service Training	Still to be done
	• Communication Training	Still to be done
	<i>c. Communications & Social Marketing</i>	
	• Development of EPIRA Collaterals for Investment Promotion & Consumer Welfare	Ongoing
	• CARES Power Watch on Emerging EPIRA Implementation Concerns	Ongoing
3	STRENGTHENING THE ENERGY REGULATORY COMMISSION (ERC)	
	<i>a. Institutional Capacity Building</i>	
	• Training on Effective Public Administration of a Regulatory Agency	Being Prepared
	• Communication Training	Completed
	• Customer Service Training	Still to be done
	<i>b. Communications & Social Marketing</i>	
	• Campaign to Improve Public Confidence in ERC	Cancelled
	• CARES Power Watch on EPIRA Regulatory Concerns	Cancelled
4	SUPPORT TO NPC IN CHANGE MANAGEMENT	
	<i>a. Institutional Capacity Building</i>	
	• Strategic Planning & Implementation Support for NPC	Ongoing
	• Media & Customer Service Trainings	Still To Be Done
	<i>b. Communications & Social Marketing</i>	
	• Campaign to Improve Public Confidence in NPC	Ongoing



NO.	ACTIVITY, COMPONENTS, AND TASKS	STATUS
5	<p>REDUCTION OF VEHICLE EMISSIONS (ROVE)</p> <p><i>a. Policy Development & Implementation</i></p> <ul style="list-style-type: none"> • Advisory Support for the Development & Implementation of PETC Monitoring & Evaluation Guidelines <p><i>b. Institutional Capacity Building</i></p> <ul style="list-style-type: none"> • On-the-job Training for the Development of Vehicle Road-worthiness Standards • Communication Training <p><i>c. Communications & Social Marketing</i></p> <ul style="list-style-type: none"> • Integrated Communication Program for ROVE • Campaign for Promotion of Alternative Transport Fuels (Philippine Clean Cities Program) • Management of the Regular CAA-Usecs' and TWG Meetings 	<p>Completed</p> <p>Still To Be Done Still To Be Done</p> <p>Ongoing Ongoing</p> <p>Ongoing</p>
6	<p>FACILITATING THE DEVELOPMENT OF THE PHILIPPINE NATURAL GAS INDUSTRY</p> <p><i>Policy Development & Implementation</i></p> <ul style="list-style-type: none"> • Development of Nat Gas Bill • Study on Pricing and Financial Incentives for CNG as Transport Fuel • Advisory Services on the Development of DOE's Procedures & Standards for Nat Gas Pipeline Permitting <p><i>Institutional Capacity Building</i></p> <ul style="list-style-type: none"> • Enhancement of Legislative Knowledge on Fundamentals of Nat Gas <p><i>Communications & Social Marketing</i></p> <ul style="list-style-type: none"> • Support to DOE's Investment Promotion at the World Gas Conference in Tokyo • Integrated Communication Program on the Nat Gas Industry 	<p>Completed Completed Ongoing</p> <p>Ongoing</p> <p>Completed NG Kit Completed/ Continuing in ROVE</p>
7	<p>TECHNICAL SUPPORT FOR ADVANCING THE UTILIZATION OF RENEWABLE ENERGY (RE)</p> <p><i>Policy Development & Implementation</i></p> <ul style="list-style-type: none"> • Review and Analysis of the Draft RE Bill 	<p>Completed</p>



NO.	ACTIVITY, COMPONENTS, AND TASKS	STATUS
	Communications & Social Marketing	
	• CARES Public Forum on the Draft RE Bill	Cancelled
	• Mindanao Forum on Promotion of LGU/NGO/Private Sector Collaboration in RE Projects	Cancelled
8	SPECIAL PROJECTS (STRENGTHENING EETP PROGRAM MANAGEMENT & TECHNICAL PROJECTS)	
	• Technical Needs Assessment (TNA) , Forum & Publication of Report	For publication
	• Survey of Knowledge, Attitudes and Practices in the Energy Sector (Research Audit)	Completed
	• Development & Maintenance of EETP Website	Ongoing
	• Production of EETP Brochure, Informational Video, Exhibit Materials & News Bulletin	EETP Brochure Completed
	• Staff Training on Effective Facilitation of Workshop & Meetings	Completed
	• Staff Team-Building Workshop	Completed
	• Staff Workshop on Mid-Program Performance Evaluation	Still to be done
	• Staff Workshop on End-of-Program Performance Evaluation	Completed
	• Two (2) USAID/NEDA Program Implementation Reviews	Not yet done
	• Participation in Energy Week Exhibit	Completed
	• CARES - Power Watch Summit on Energy Week 2003	Not yet done
	• Others - To be determined (TBD), based on GOP Partner & USAID Urgent/Emerging Requests	For confirmation



PART TWO EETP COMPLETED ACTIVITIES

The 1st semester of EETP's operation (October 2002 – March 2003) concentrated on activities which were either PCCMP continuing concerns or inherited requests, from the GOP partners agencies, and which were considered as falling within the EETP's technical scope of work. But once the detailed work program was approved in March 2003, full-scale implementation for new activities also commenced.

Overall, EETP has completed more than seventy (70) tasks between October 1 and July 30, 2003. Following are some highlights on the extent of EETP's accomplishments:

On Policy Development & Implementation:

- Following areas with major policy development efforts were supported with technical advisors & analysts:
 - WESM & PGDC Rules Harmonization Review & Stakeholder Consultations;
 - Natural Gas Policy Setting & Legislation;
 - Implementation of Private Emissions Testing Centers;
 - Renewable Energy Bill Review.

On Institutional Capacity Building:

- There have been 15 short-term trainings, seminars, and workshops conducted/sponsored so far in the technical areas of EPIRA & Natural Gas resulting in the skills/knowledge enhancement of more than 400 individuals from partner government agencies & private sector; and
- Initial reorganization efforts in NPC were successfully facilitated through critical change management inputs by EETP's organizational development advisors, resulting in NPC's smooth transition into its new role under the EPIRA.

On Communication & Social Marketing:

- A total of twenty-five (25) communication & outreach events (forums, round-tables, consultations, conferences) were organized around the technical areas of EPIRA, Alternative Fuels, and Vehicle Emissions Reduction, including timely support for DOE's EPIRA communication program which helped to mitigate the looming power crisis in the Cebu-Negros-Panay sub-grid; and
- DOE expanded its international reach through two (2) international investment promotion events (US & Japan) that were supported by EETP. These were part of government's initiatives in showcasing Philippine efforts in the areas of power sector reforms & the natural gas development.

These completed activities are briefly described in the succeeding pages. They are ordered chronologically and organized in two parts:

- I. Based on the EETP Transition Plan for October 2002 – January 2003
- II. Based on the EETP Detailed Work Program for February 2003 – June 2004.

**I. Accomplishments based on the EETP Transition Plan (Oct'02 – Jan'03)**

No	Activity Name
Development of the Philippine Natural Gas Industry	
1 (T-1)	DOE Participation in the 8 th International Conference and Exhibition on Natural Gas Vehicles
2	Support to DOE Usec De Dios' US Investment Promotion Trip on Natural Gas & Power Sector
3 (C-1)	"The Philippine Natural Gas Industry: Vision, Strategy & Policy" - A Briefing for the GOP Members of the Congress' House of Representatives-Technical Working Group (TWG)
4 (T2)	DOE Participation in the 2002 Regional Workshop on Better Air Quality (BAQ) in Asian and Pacific Rim Cities
5	Technical Evaluation of the Philippine Nat Gas Vehicle Program for Public Transport
6	Advisory Support in the Analysis & Review of the Draft Nat Gas Bill
7 (C-2)	DOE Briefings for GOP Officials of the House of Representatives - Committee on Energy's Technical Working Group
8 (T-3)	Energy Week - Technical Forum on Compressed Natural Gas
Support for the Implementation of the Electric Power Industry Reform Act	
9	Strategic Evaluation of EPIRA Implementation
10 (C-3)	1 st Executive Forum on Issues and Future of EPIRA: Privatization of the National Transmission Company (TRANSCO)
11 (T-4)	DOE Hosting of 2002 APEC Conference on Microeconomic Reforms in the Electric Supply Industry
12	Organizational Development Support for the NPC's EPIRA-Mandated Reorganization
Reforms for the Reduction of Vehicle Emissions	
13 (T-5)	On the Job Training (OJT) for Competency of DTI's Private Emission Testing Center (PETC) Assessors - Phase II
14 (C-4)	Support to Partnership for Clean Air "Transport Exhibit & Forum"
15 (C-5)	Support to MIRIAM PEACE "Clean Air Now" Initiative
16 (C-6)	Support to MIRIAM PEACE "Iwas Usok" Campaign
17 (C-7)	Policy Dialogue on Private Emission Testing Centers (PETC) for DTI's Regional Directors



No	Activity Name
18	Management of the Regular Usec's Meeting for Implementation of the Clean Air Act
Promotion of Utilization of Alternative Fuels	
19 (T-6)	Support to PHILREA Forum on Renewable Energy Technology Updates
20 (C-8)	Participation in Energy Week Exhibit on Renewable Energy
Program Management & Special Projects	
21	1 st USAID-NEDA "Energy and Clean Air Program Progress Implementation Review" Meeting
22	Technical Needs Assessment (TNA) of the Philippine Energy Sector
23	Development of EETP Work Plan
24	Research Audit on Philippine Energy Sector Knowledge, Attitudes, and Practices (KAP)

**II. Accomplishments based on the EETP 2003-2004 Detailed Work Plan**

No.	COMPLETED /ONGOING ACTIVITIES, TASKS & SUB-TASKS
1 (C-9)	TECHNICAL SUPPORT TO DOE IN ESTABLISHING THE WHOLESALE ELECTRICITY SPOT MARKET (WESM) a. Advisory Support for "Harmonizing the WESM Rules and the Philippine Grid & Distribution Codes (PGDC) - <i>Ongoing; Interim Report Completed</i> b. Consensus Building on the WESM & PGDC Proposed Revisions - 9 stakeholder roundtable discussions completed
2 (T-7) (T-8) (C-10) (C-11) (C-12) (C-13)	PROGRAM MANAGEMENT SUPPORT FOR DOE IN IMPLEMENTING THE EPIRA a. Development of a Power Tracker (EPIRA M&E System) - <i>Ongoing; Interim Report Completed</i> b. Provision of a Strategic Advisory Group (STAG) <ul style="list-style-type: none"> - TA to the DOE-EPIMB in Developing the Doe Report to the Joint Congressional Power Commission (JCPC) - Support to DOE'S Planning Workshop On The Missionary Electrification Development Plan - Panay Island Seminar #1: on "Power Supply Contracting for Electric Cooperatives" - Panay Island Seminar #2: on "Managing Power Supply Contracts & Financing Rehabilitation Projects" c. Provision of Interim Technical Secretariat Support to DOE-EPIMB d. Support in DOE-EPIAB's Strategic Planning Workshops e. CARES Power Watch on Emerging EPIRA Implementation Concerns: <ul style="list-style-type: none"> - Power Briefing for Semi-Conductors & Electronics Association of the Philippines (SEIP) - Public Consultation Meeting on Implementation of the MERALCO refund to Electricity Consumers - Consumer Education Roundtable Discussion: "Power to Electricity Consumers" - NASECORE Forum on "Power Issues & Opportunities for Consumer Empowerment under EPIRA"
3 (T-9)	STRENGTHENING THE ENERGY REGULATORY COMMISSION (ERC) A. Communication Training For ERC Commissioners
4	SUPPORT TO NPC IN CHANGE MANAGEMENT a. Strategic Planning & Implementation Support to NPC - Organizational Development Advisory Services
5 (C-14)	REDUCTION OF VEHICLE EMISSIONS a. Advisory Support for the Development & Implementation of PETC Monitoring Guidelines <ul style="list-style-type: none"> - DOTC-Industry Consultation for the Development of a Monitoring & Evaluation (M&E) System of the Private Emissions Testing Centers (PETC)



No.	COMPLETED /ONGOING ACTIVITIES, TASKS & SUB-TASKS
(C-23) (C-24) (C-25)	<p>Challenge</p> <ul style="list-style-type: none">- High-Level Forum for GOP Officials- Production of Power Communication Brochure <p>b. Support to DOE's Communication Campaign for Addressing the CNP Power Challenge</p> <ul style="list-style-type: none">- Initial Consultations with Cebu LGUs, Business, & Consumer Groups- Feedback Consultations in Cebu, Iloilo, & Aklan- Cebu City Power Summit & Press Conference <p>c. 2nd USAID-NEDA "Energy and Clean Air Program Progress Implementation Review" Meeting</p>

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PART THREE FINANCIAL STATUS OF THE PROGRAM

As of July 31, 2003, the program has completed its 10th month of operation with a healthy financial position. AED has 11 more months remaining to complete the contracted period of management for EETP.

Per contract, the EETP started out with a Not-to-Exceed (NTE) budget of \$4.3 Million, out of which \$2.9 Million was finally obligated by USAID, based on a budget modification order signed last June 2003 by AED and USAID. Of the \$2.9 Million in obligated funds, a total of \$1.56 M have so far been utilized, corresponding to a program burn rate of 54%, which is not significantly disproportionate to the elapsed contract period, i.e., 10/21 months = 48%. For the next 11 months, the program must, on average, effectively utilize about \$ 0.121 Million every month to use up the entire obligated amount by end of June 2004.

Details of the EETP financial status are shown in the succeeding pages: Tables 4-13, shows in Annex 1.

Table 4 – Budget utilization, by summary cost line items, as of July 2003
Table 4a – This is still Table 4 with details on “Labor & Training Costs”

- Column 1 shows the various cost line items
- Column 2 shows the original obligated amounts per contract with AED
- Column 3 shows the modified obligated amounts per budget modification and the percentage share of cost line item to the total amount
- Column 4 shows the actual utilization per cost line item
- Column 5 shows the balance amounts
- Column 6 shows the burn rate per cost line item

Key Observations:

1. Line Item Burn Rate:
 - Highest (92%) for “Equipment”. Remaining funds will be utilized to procure minor equipment that will either replace or supplement existing program resources (e.g. LCD & PC units)
 - Lowest (0.06%) for “Sub-contractor Costs”. This is due to a contracting issue with Soluziona Philippines that occurred early in October '02 but was eventually resolved by Mar '03. While searching for an immediate substitute social marketing/communication outfit, AED procured the services of several communication services providers via regular purchase orders. Currently, the sub-contracts of two outfits: CAPRI and CID, are being prepared and will soon be finalized. They will henceforth assist on a regular basis in EETP's communication & outreach activities.
2. LOE levels for both management and experts have breached the 55% mark. (Details provided in Table 13).



3. Home Office Costs are almost exhausted. There is a need to review the utilization pattern for prospective replenishment.
4. Overall utilization of "Training Cost" is still relatively low because many of EETP's key training events will take place in the second half of 2003.
5. Specific utilization of "Training Cost":
 - Highest (55%) for Natural Gas, which was the focus technical area for the 1st half of the program
 - Least (0%) for Renewable Energy because no activity has so far been conducted.

Table 5 – 12 – Budget utilization, per EETP Activity

- Column 1 shows the detailed cost items
- Column 2 shows the approved budget amounts
- Column 3 shows actual use of the funds
- Column 4 shows surplus or deficit amounts

Table 5 – TA in Establishing the WESM

Table 6 – Program & Strategic Mgmt Support for DOE in Implementation of EPIRA

Table 7 – Strengthening the ERC

Table 8 – Support to NPC in Change Management

Table 9 – Reduction of Vehicle Emissions

Table 10 - Facilitating the Development of the Natural Gas Industry

Table 11 – Advancing the Utilization of Renewable Energy

Table 12 – Strengthening EETP Program Management

Table 13 – Labor Level of Effort (LOE) Utilization

- Column 1 shows the LOE type
- Column 2 shows the approved LOE in man-days
- Column 3 shows actual use of the LOE, per activity
- Column 4 shows balance (in LOE days & equivalent \$ amounts)



PART FOUR LESSONS LEARNED, IMPLEMENTATION CHALLENGES, AND NEXT STEPS

Lessons Being Learned ...

- A Technical Needs Assessment (TNA) of the sector is necessary for identifying GOP Partners' priorities.*

At the beginning of the EETP's implementation period (i.e., October - December 2002), it became necessary for the program management team (PMT) to undertake a consultative evaluation and validation process, i.e., a TNA, prior to the development of the EETP 2003-2004 work program. Although the EETP was a follow-up to the PCCMP, whose technical assistance coverage was basically the same, it was strategically advantageous to reconfirm with the GOP implementing partners their priorities and to discuss with them the directions for future USAID assistance. The TNA, that was conducted by local experts (technical, training, & communication specialists), provided much needed inputs for assessing the progress made, current gaps, and opportunities in the energy environment sector. Not only was the TNA result helpful in aligning the USAID's development framework with the GOP's own agenda for reforms, but it was also a clear indicator of USAID's continuing effort to make its technical assistance more timely, relevant, and responsive to its beneficiary's requirements. Because the TNA results were comprehensive, the USAID-GOP partnership through the EETP continues to derive the benefits from the availability of information that serves as objective guide for defining and revising specific TA interventions even within the shifting/changing dynamics in the sector.

- A Monitoring & Evaluation (M&E) System, including the appropriate use of IT tools, is critical for ensuring effective governance of reform measures.*

Many examples abound on government's capability to promulgate far-reaching policy reforms via legislation e.g. the Clean Air Act, Oil Industry Deregulation Act, and the Local Government Code. What is not clearly demonstrable is the government's effectiveness in ensuring that the benefits of these policy reforms are sustained and translated into beneficial action. There is a missing governance element - a monitoring & evaluation system (M&E) - that keeps track of the progress, the impacts, and the outcomes of reforms. More than the obvious benefit of enabling the GOP agencies to comply with reportorial requirements to oversight bodies like the Congress and Office of the President, an M&E system helps government agencies to effectively implement reforms by serving as a transparent, accountable, predictable, and publicly accessible tool that can be used in the exchange and sharing of information among the stakeholders. Information is key to planning and decision-making. IT solutions will be critical in facilitating the availability of information. In the energy environment sector, where regulation of imperfectly functioning markets is a central theme, whether it is a market for electricity or of pollution/property rights, access to information is in itself a strategic advantage. The EETP's work program incorporates a



strategy for putting in place an M&E system, including exploring an IT-based tool, that will enable the DOE/ERC and the DOTC/DTI to keep a tab on their progress of implementing the EPIRA and the CAA. This is an ongoing effort that EETP hopes to complete in partnership with the concerned stakeholders, both government and non-government.

The academe is an effective implementation partner of USAID and the GOP

The successful partnership of USAID and the academe through the PCCMP's power sector reform initiatives provided the current EETP team with sufficient basis for concluding that the academe can potentially play a more active role in shaping policy and implementing them. While the academe may not be the ultimate solution, it does comprise a strategic link to the "disconnect" between donor (e.g. USAID) and recipient (GOP), within the context of sustainability of technical assistance. Currently, a major component of EETP's implementation approach is the optimization of opportunities for partnering with academic institutions (more specifically, their NGOs or foundations) in launching various capacity-building and communication activities/campaigns of the government agencies in the energy and environment sector. Under the academic network of the Consumer Action for Reforms in the Energy Sector (CARES), which was created during the PCCMP and now, expanded into an "Energy-Environment" academic network, the EETP continues to work, with academe-based groups such as the MIRIAM PEACE, the UP-NEC, the USC-Extension Center, AIM-PC, the TUP-IRTC and the Ateneo Universities of Manila & Davao, to undertake various forums, seminars, public consultations and policy analysis in the technical areas of EPIRA, ROVE and Clean Fuels. The USAID-academe collaboration is made operational via counter-parting of physical, human, and financial resources. This results in mutually beneficial cost-sharing, diffusion of knowledge, and more importantly, attainment of the desired results in a setting that nurtures increased trust and understanding of the respective roles of government, donor, and academia in pursuing a joint developmental goal.

Informal meetings among high-level officials encourage more inter-agency coordination.

During the first half of PCCMP, an inter-agency management structure (steering and executive committees) provided an adequately effective and formal venue for inter-agency coordination on such matters as policy-setting, activity planning, task prioritization, and budgeting/cost-sharing. Under the EETP, the USAID continues to emphasize inter-agency coordination, albeit via a less formal and thematic approach, to enable high-level executives to directly confer with each other and discuss critical implementation issues. To expedite the resolution of key issues surrounding the vehicle emissions reduction provisions of the CAA, a regular bi-monthly breakfast/dinner meeting of the undersecretaries or assistant secretaries of the DENR, DOE, DTI, DOTC/MMDA/LTO and the USAID have been organized by the EETP. As necessary, executive meetings among the technical staff of the same agencies were conducted in order to thresh out profound issues that require in-depth research, analysis, and evaluation of options. In the first six months that the approach was adopted, it was very effective in resolving basic policy differences, orchestrating/expediting agency actions, and clarifying agency priorities. Recently however, only the technical staffs continue to meet on a need-basis while the Usecs' meetings have stopped in view of logistics constraints, shifts in major agency players, and deep-seated differences in agency priorities/positions on policy issues. The challenge that lies ahead for EETP is finding another approach that works well



within the realities of the agencies' dynamics in pursuing our mission on ROVE and clean fuels.

Implementation Challenges

- ☛ *Need for stronger GOP counter-parting and ownership of activity processes and outcomes.*

While EETP has paved the way for enhancing the partnership of USAID with academic institutions, there is a larger task ahead in terms of intensifying GOP agencies' interest and capacity for partnering with the latter. Through assistance from PCCMP, the DOE and ERC have entered into MOUs with the UP-NEC in pursuit of mutually beneficial initiatives in the areas of policy analysis, research, and technical training. This is an encouraging start. Under EETP, the USAID has been instrumental in facilitating the enforcement of the MOUs through co-sponsorship of activities. While this arrangement works well under USAID's current programs, over time, the GOP agencies must more and more originate the operational initiative for the partnership and commit more resources for sharing. While the academic partners are more resource-constrained than government agencies, this weakness can be offset by their readiness and commitment to act once a role is assigned and offered to them.

The challenge for GOP agencies like DOE and ERC is to imbibe i.e., make organic and automatic, the strategy of optimizing the role of academic partners in their work programs. Once both conditions are present, the program will have succeeded in institutionalizing government-academe partnership. Another dimension of this challenge is for the GOP agencies to become more and more participatory in the process and accountable for the results of technical assistance that is provided to them by contractors like the AED. Although the existing framework of the USAID strategic agreement does not require the GOP to provide counterpart staff and resources, it is inherently beneficial in the capacity-building process that the latter takes a more active role in co-designing, co-implementing, and co-evaluating with USAID contractors a technical assistance program like the EETP. The challenge for USAID/EETP is to work itself out of the standard role of "facilitator, financier & lead implementer".

- ☛ *Need to overcome lack of organizational readiness of GOP to absorb knowledge for more effective technology transfer.*

The implementation of EETP came in the wake of a major restructuring effort that is affecting USAID's main energy sector partner agencies – DOE and ERC. The passage of the EPIRA called for the reorganization of these bodies. Undoubtedly, the need for institutional capacity building assistance is existent but the reorganization has contributed to a weakness in the capacity to readily receive EETP's menu of trainings and organizational development interventions. The weakness is temporary but could be debilitating if permanent measures are not immediately addressed. Both DOE and ERC are either in a stage of recruiting/hiring new personnel, redefining functions, and identifying competencies of staff; have serious budgetary constraints that prevent immediate and remedial manpower measures (like engaging advisers/consultants, complementary staff, increased salaries); or are simply technically and



functionally overwhelmed by the new mandates bestowed on them by the law. From EETP's perspective, it is understandable that technical assistance efforts would be faced with the problem of absorptive capacity and counter-parting limitations. While EETP can provide technical and communication trainings, there are not enough people to train because staff must attend to pressing deadlines. An activity that aims to provide some long-term directions like a strategic planning or team-building workshop is not feasible because there is no complete team yet to work with. Given that the above concerns are really outside the control of EETP and hopefully they will be resolved over time as both DOE and ERC complete their reorganization, the challenge for EETP is to continue to work within these constraints in completing the line-up of technical trainings slated for the remaining term of the USAID program.

☛ *Need for a larger pool of local consultants for sustainability of reforms.*

Ensuring the continuity of reform and development efforts being assisted under the EETP is a major challenge. The sector is currently in flux due to the reorganization process, thus there is a need for increased availability of appropriate and effective local experts that can add-on to government's organic pool of technical staff. Currently, EETP provides expert advisory services via a combination of foreign and local consultants to facilitate diffusion of knowledge and grounding of recommendations based from international experience to local practice and setting. EETP's strategy to partner with local academic experts is a parallel move to expand the options available to government in sourcing consultants that can help to shepherd reform efforts whether it is via training, policy advisory, or communications support. The challenge for EETP is to be able to effectively incorporate "local experts' training" as a coincidental yet deliberate result of its technical assistance activities for the GOP agencies. Internally, EETP will also need to obtain approval from the USAID to allocate additional resources for engaging more local experts, given the clamour by GOP agencies for more localized or contextualized trainings.

Next Steps

An immediate next step for the program is the completion of a work plan validation and budget modification exercise (Mod #2) that will enable the program team to respond to urgently required technical assistance in the areas of EPIRA and ROVE. Programmatically, the scope of work for EETP remains the same. However, given that most of the activities in Nat Gas have been completed or are set to be completed by October 2003 and from the GOP side, policy work on renewable energy is being addressed by another multilateral donor, there is imperative to move in a more accelerated and focused fashion on the remaining two areas of EPIRA and ROVE. Subject of the work plan and budget modification #2 are possible realignments in AED's contracted budget items to respond better to the requirements of implementing new tasks, which have been formally requested by GOP and found acceptable by USAID. These include: (a) Study for a WESM Pilot in the Visayas Region; (b) Cadetship Program to Support GOP's (DOE & ERC) Institutional Capacity Build-up; (c) Communication Program on the Power Supply Challenge in Visayas and Mindanao; (d) EPIRA Evaluation & Operational Planning Support; (e) Various Technical Trainings for Build-up of ERC Regulatory Capacity; (f) Reviving the Heat Rate Improvement Program in NPC; (g) EPIRA Training for the JCPC; (h) Communication Program for Clean Cities; and (i) Nat Gas Briefings for ERC and the Senate-Committee on Energy



ANNEXES

Annex 1 - Financial Status Tables

Annex 2 - EETP 2002 Transition Plan

Annex 3 - 2003-2004 EETP Detailed Work Program

Annex 4 – Summary Description of EETP Completed activities

Annex 5 - List of all consultants, sub-contractors, service providers & partners

**Annex 6 - EETP Report at the 1st USAID-NEDA Progress Implementation
Review Meeting of December 2002**

**Annex 7 - EETP Report at the 2nd USAID-NEDA Progress Implementation
Review Meeting of August 2003**



ANNEX 1

Financial Status Tables

TABLE 4

ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED)

Energy and Environment Training Program (EETP)

Contract No. LAG-I-00-98-00011-00

Budget Utilization as of July 2003

1 Contract Line Item	2 Contracted Amount	3 MOD 1 Obligated Amount	4 % share	5 Actual Expenditures (Oct '02-Jul '03)	6 BALANCE	7 BURN RATE
Labor	1,843,538.00	1,964,687.41	67.75	1,169,290.51	795,396.90	0.60
Equipment	306,693.00	62,006.02	2.14	57,143.47	4,862.55	0.92
Subcontractor Cost	102,058.00	158,420.78	5.46	8,887.47	149,533.31	0.06
Travel & Transportation	190,522.00	118,746.24	4.09	33,972.71	84,773.53	0.29
Local Office Cost	66,748.13	207,954.73	7.17	132,830.65	75,124.08	0.64
Home Office Cost	8,912.87	13,200.00	0.46	11,921.89	1,278.11	0.90
Training Cost	281,109.00	243,000.00	8.38	84,323.02	158,676.98	0.35
Indirect Cost	95,826.00	124,063.85	4.28	63,996.44	60,067.41	0.52
G & A Cost	4,593.00	7,921.04	0.27	2,399.54	5,521.50	0.30
TOTAL	2,900,000.00	2,900,000.00	100.00	1,564,765.69	1,335,234.38	0.54

TABLE 4a

ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED)
Energy and Environment Training Program (EETP)
 Contract No. LAG-I-00-98-00011-00
 Budget Utilization as of July 2003

1	2	3		4	5	6
Contract Line Item	CONTRACT Obligated Amount	MOD 1 Obligated Amount	% share	Actual Expenditures (Oct '02-Jul '03)	BALANCE	BURN RATE
Labor	1,843,538.00	1,964,687.41	67.75	1,169,290.51	795,396.90	0.60
Experts		906,229.55	31.25	561,355.21	344,874.34	0.62
Management		1,058,457.86	36.50	607,935.30	450,522.56	0.57
Equipment	306,693.00	62,006.02	2.14	57,143.47	4,862.55	0.92
Subcontractor Cost	102,058.00	158,420.78	5.46	8,887.47	149,533.31	0.06
Travel & Transportation	190,522.00	118,746.24	4.09	33,972.71	84,773.53	0.29
Local Office Cost	66,748.13	207,954.73	7.17	132,830.65	75,124.08	0.64
Home Office Cost	8,912.87	13,200.00	0.46	11,921.89	1,278.11	0.90
Training Cost	281,109.00	243,000.00	8.38	84,323.02	158,676.98	0.35
EPIRA		113,000.00	3.90	36,913.31	76,086.69	0.33
ROVE		55,000.00	1.90	22,568.35	32,431.65	0.41
NATGAS		45,000.00	1.55	24,841.36	20,158.64	0.55
RENEWABLE ENERGY		30,000.00	1.03	-	30,000.00	-
Sub-total	2,799,581.00	2,768,015.18	95.45	1,498,369.72	1,269,645.46	0.54
Indirect Cost	95,826.00	124,063.85	4.28	63,996.44	60,067.41	0.52
G & A Cost	4,593.00	7,921.04	0.27	2,399.54	5,521.50	0.30
TOTAL	2,900,000.00	2,900,000.07	100.00	1,564,765.69	1,335,234.38	0.54

ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED)
 Energy and Environment Training Program (EETP)
 Contract No. LAG-1-00-98-00011-00
 Budget Utilization as of July 2003

TABLE 4-B

Contract Line Item	Obligated Amounts	Actual Expenditures (Oct 02-Jan 03)	ACTIVITY								TOTAL Feb 03-Jul 03	RUNNING TOTAL	BURN RATE
			1	2	3	4	5	6	7	8			
			EPRA WESM	EPRA DOE	EPRA ERC	EPRA NPC	ROVE	NATGAS	RE	Special Projects Fund			
Labor	1,944,487.41	367,184.87	91,842.12	184,844.80	91,802.07	30,241.98	61,318.88	297,966.08	9,283.26	43,393.82	802,131.94	1,149,290.81	0.60
Experts	906,229.55	131,338.57	40,934.30	100,933.23	58,313.06	16,417.50	12,411.70	179,866.90	3,084.60	18,075.35	430,016.64	561,355.21	0.62
Management	1,058,457.86	235,820.00	50,617.82	86,663.57	33,489.01	13,824.48	38,904.16	118,119.15	6,188.66	25,318.47	372,115.30	607,935.30	0.57
Equipment	62,006.02	22,526.48									34,616.99	67,143.47	0.98
Subcontractor Cost	158,420.78	8,887.47	-	-	-	-	-	-	-	-	-	8,887.47	0.06
Travel & Transportation	118,746.24	24,764.47	-	-	-	-	-	2,638.00	-	6,570.24	9,208.24	33,972.71	0.39
Local Office Cost	207,964.73	32,260.32	13,680.31	23,149.30	9,080.96	3,736.29	10,514.49	31,923.66	1,672.59	6,842.74	100,570.33	132,830.66	0.64
Home Office Cost	13,200.00	5,007.60	940.53	1,591.53	622.26	256.87	722.88	2,194.78	114.99	470.44	6,914.29	11,921.89	0.90
Training Cost	243,000.00	29,067.42	468.56	5,180.56	2,031.41	3.70	4,809.33	18,149.40	-	24,682.46	66,286.40	84,323.02	0.36
EPRA	113,000.00	10,487.88	468.56	5,180.56	2,031.41	3.70	-	-	-	18,781.22	26,426.43	36,913.31	0.33
ROVE	55,000.00	17,074.99	-	-	-	-	4,809.33	-	-	684.03	5,493.36	22,568.36	0.41
NATGAS	45,000.00	1,504.55	-	-	-	-	-	18,149.40	-	6,187.41	23,336.81	24,841.36	0.65
RENEWABLE ENERGY	30,000.00	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	2,748,016.18	489,678.33	106,481.81	255,428.38	106,316.50	34,288.64	67,342.86	388,891.89	11,040.84	61,929.90	1,008,697.39	1,498,349.72	0.64
Indirect Cost	124,063.85	21,987.01	5,263.50	8,906.70	3,482.36	1,437.54	4,045.45	13,232.32	643.53	4,998.03	42,009.43	63,996.44	0.62
G & A Cost	7,921.04	2,399.64	-	-	-	-	-	-	-	-	-	2,399.64	0.30
TOTAL	2,900,000.07	614,068.88	111,895.01	228,384.88	106,989.06	38,476.38	71,408.00	366,124.20	11,684.37	86,927.93	1,080,706.81	1,864,766.69	0.64

TABLE 5

ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED)

Energy and Environment Training Program (EETP)

Contract No. LAG-I-00-98-00011-00

ACTIVITY 1 - Budget Utilization as of July 2003

Technical Assistance in Establishing the Wholesale Electricity Spot Market

1	2	3	4
DETAILS OF COST ITEMS	Budgeted	Utilization	Surplus/ (Deficit)
Labor (Experts)	134,970.50	40,934.30	94,036.20
Labor (Management - Home & Local)	120,397.10	50,617.82	69,779.28
Subcontract Cost	-	-	-
Local Office Cost	26,702.40	13,680.31	13,022.09
Home Office Cost	1,795.56	940.53	855.03
Sub-Total	283,865.56	106,172.96	177,692.60
TRAINING COSTS:			
Coordination Meetings	1,000.00	114.37	885.63
Public Consultations & RTDs	900.00	344.18	555.82
Printing/Publication of Collaterals	3,000.00	-	3,000.00
Dev't of Collateral Materials	900.00	-	900.00
Training Kits	2,000.00	-	2,000.00
Rental of Equipment	1,600.00	-	1,600.00
Training Module/Package	1,600.00	-	1,600.00
Venues & Meals	1,900.00	-	1,900.00
Dissemination/Distribution Cost	200.00	-	200.00
Pre-Testing of Collaterals	500.00	-	500.00
International Travel	5,316.00	-	5,316.00
Sub-Total	18,916.00	458.55	18,457.45
GRAND TOTAL	302,781.56	106,631.51	196,150.05

TABLE 6

ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED)

Energy and Environment Training Program (EETP)

Contract No. LAG-I-00-98-00011-00

ACTIVITY 2 - Budget Utilization as of July 2003

Program & Strategic Management Support for DOE in the Implementation of EPIRA

	1	2	3	4
DETAILS OF COST ITEMS	Budgeted	Utilization	Surplus/ (Deficit)	
Labor (Experts)	182,859.91	100,933.23	81,926.68	
Labor (Management - Home & Local)	203,731.50	85,653.57	118,077.93	
Subcontract Cost	31,295.50	-	31,295.50	
Local Office Cost	45,184.79	23,149.30	22,035.49	
Home Office Cost	3,038.38	1,591.53	1,446.85	
Sub-Total	466,110.08	211,327.63	254,782.45	
TRAINING COSTS:				
Coordination Meetings	1,000.00	231.91	768.09	
Conferences & Forums	5,500.00	922.74	4,577.26	
Professional Services	5,200.00	612.00	4,588.00	
Printing/Publication of Collaterals	10,000.00	980.00	9,020.00	
Training Kits	1,500.00	810.00	690.00	
Rental of Equipment	2,550.00	1,593.90	956.10	
Training Module/Package	500.00	-	500.00	
System Design & Development	7,000.00	-	7,000.00	
Venues & Meals	4,000.00	-	4,000.00	
Sub-Total	37,250.00	5,150.55	32,099.45	
GRAND TOTAL	503,360.08	216,478.18	286,881.90	

TABLE 7

ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED)
Energy and Environment Training Program (EETP)
 Contract No. LAG-I-00-98-00011-00
 ACTIVITY 3 - Budget Utilization as of July 2003
 Strengthening the Energy Regulatory Commission

1	2	3	4
DETAILS OF COST ITEMS	Budgeted	Utilization	Surplus/ (Deficit)
Labor (Experts)	74,580.00	58,313.06	16,266.94
Labor (Management - Home & Local)	79,655.36	33,489.01	46,166.35
Subcontract Cost	8,865.00	-	8,865.00
Local Office Cost	17,666.44	9,050.96	8,615.48
Home Office Cost	1,187.95	622.26	565.69
Sub-Total	181,954.75	101,475.29	80,479.46
TRAINING COSTS:			
Coordination Meetings	500.00	125.48	374.52
Professional Services	5,000.00	1,890.00	3,110.00
Training Kits	2,500.00	15.93	2,484.07
Rental of Equipment	550.00	-	550.00
Venues & Meals	6,300.00	-	6,300.00
Sub-Total	21,330.00	2,031.41	19,298.59
GRAND TOTAL	203,284.75	103,506.70	99,778.05

TABLE 8

ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED)
Energy and Environment Training Program (EETP)
 Contract No. LAG-I-00-98-00011-00
 ACTIVITY 4 - Budget Utilization as of July 2003
 Support to NPC in Change Management

1	2	3	4
DETAILS OF COST ITEMS	Budgeted	Utilization	Surplus/ (Deficit)
Labor (Experts)	16,787.80	16,417.50	370.30
Labor (Management - Home & Local)	32,882.24		32,882.24
Subcontract Cost	12,539.00	-	12,539.00
Local Office Cost	7,292.82		7,292.82
Home Office Cost	490.39		490.39
Sub-Total	69,992.25	16,417.50	53,574.75
TRAINING COSTS:			
Coordination Meetings	500.00	3.70	496.30
Professional Services	5,000.00	-	5,000.00
Training Kits	1,500.00	-	1,500.00
Rental of Equipment	250.00	-	250.00
Venues & Meals	4,000.00	-	4,000.00
Sub-Total	11,250.00	3.70	11,246.30
GRAND TOTAL	81,242.25	16,421.20	64,821.05

TABLE 9

ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED)
Energy and Environment Training Program (EETP)
 Contract No. LAG-I-00-98-00011-00
 ACTIVITY 5 - Budget Utilization as of July 2003
 Reduction of Vehicle Emissions (ROVE)

1	2	3	4
DETAILS OF COST ITEMS	Budgeted	Utilization	Surplus/ (Deficit)
Labor (Experts)	12,411.70	12,411.70	-
Labor (Management - Home & Local)	92,535.55	38,904.15	53,631.40
Subcontract Cost	47,077.50	-	47,077.50
Local Office Cost	20,523.09	10,514.49	10,008.60
Home Office Cost	1,380.04	722.88	657.16
Sub-Total	173,927.88	62,553.22	111,374.66
TRAINING COSTS:			
Coordination Meetings	500.00	258.87	241.13
Conferences & Forums	20,500.00	2,076.00	18,424.00
Professional Services	-	690.00	(690.00)
Public Consultations & RTDs	10,050.00	1,647.72	8,402.28
Workshops & Seminars	3,000.00	96.74	2,903.26
Printing/Publication of Collaterals	15,000.00	-	15,000.00
Dev't of Collateral Materials	1,000.00	-	1,000.00
Training Module/Package	1,000.00	-	1,000.00
Venues & Meals	3,650.00	40.00	3,610.00
Local Travel	8,450.00	-	8,450.00
Sub-Total	63,150.00	4,809.33	58,340.67
GRAND TOTAL	237,077.88	67,362.55	169,715.33

TABLE 10

ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED)

Energy and Environment Training Program (EETP)

Contract No. LAG-I-00-98-00011-00

ACTIVITY 6 - Budget Utilization as of July 2003

Facilitating the Development of the Natural Gas Industry

1	2	3	4
DETAILS OF COST ITEMS	Budgeted	Utilization	Surplus/ (Deficit)
Labor (Experts)	280,396.51	179,866.90	100,529.61
Labor (Management - Home & Local)	280,952.58	118,119.15	162,833.43
Subcontract Cost	34,200.00	-	34,200.00
Local Office Cost	62,311.34	31,923.66	30,387.68
Home Office Cost	4,190.03	2,194.78	1,995.25
Sub-Total	662,050.46	332,104.49	329,945.97
TRAINING COSTS:			
Coordination Meetings	1,000.00	123.99	876.01
Conferences & Forums	5,000.00	1,152.87	3,847.13
Professional Services	-	200.00	(200.00)
Dev't of Collateral Materials	12,000.00	10,308.26	1,691.74
Training Kits	2,400.00	998.40	1,401.60
Rental of Equipment	300.00	416.25	(116.25)
Venues & Meals	11,400.00	4,949.63	6,450.37
Local Travel	300.00	360.00	(60.00)
International Travel	15,080.00	2,278.00	12,802.00
Sub-Total	47,480.00	20,787.40	26,692.60
GRAND TOTAL	709,530.46	352,891.89	356,638.57

TABLE 11

ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED)
Energy and Environment Training Program (EETP)
 Contract No. LAG-I-00-98-00011-00
 ACTIVITY 7 - Budget Utilization as of July 2003
 Advancing the Utilization of Renewable Energy

1	2	3	4
DETAILS OF COST ITEMS	Budgeted	Utilization	Surplus/ (Deficit)
Labor (Experts)	17,664.60	3,064.60	14,600.00
Labor (Management - Home & Local)	14,720.05	6,188.66	8,531.39
Subcontract Cost	-	-	-
Local Office Cost	3,264.70	1,672.59	1,592.11
Home Office Cost	219.53	114.99	104.54
Sub-Total	35,868.88	11,040.84	24,828.04
TRAINING COSTS:			
Coordination Meetings	500.00	-	500.00
Sub-Total	500.00	-	500.00
GRAND TOTAL	36,368.88	11,040.84	25,328.04

TABLE 12

ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED)
Energy and Environment Training Program (EETP)
 Contract No. LAG-I-00-98-00011-00
 ACTIVITY 8 - Budget Utilization as of July 2003
 Strengthening EETP Program Management/Special Projects

1	2	3	4
DETAILS OF COST ITEMS	Budgeted	Utilization	Surplus/ (Deficit)
Labor (Experts)	31,188.30	18,075.35	13,112.95
Labor (Management - Home & Local)	60,221.30	25,318.47	34,902.83
Subcontract Cost	-	-	-
Local Office Cost	13,356.24	6,842.74	6,513.50
Home Office Cost	898.12	470.44	427.68
Sub-Total	105,663.96	50,707.00	54,956.96
TRAINING COSTS:			
Coordination Meetings	5,000.00	228.83	4,771.17
Conferences & Forums	11,000.00	9,211.09	1,788.91
Professional Services	10,700.00	3,418.29	7,281.71
Public Consultations & RTDs	1,000.00	500.00	500.00
Workshops & Seminars	2,400.00	480.00	1,920.00
Printing/Publication of Collaterals	2,500.00	-	2,500.00
Dev't of Collateral Materials	3,000.00	1,327.59	1,672.41
Training Kits	550.00	2,267.51	(1,717.51)
System Design & Development	4,500.00	276.00	4,224.00
Venues & Meals	2,475.00	6,943.35	(4,468.35)
Local Travel	1,350.00	5,898.24	(4,548.24)
International Travel	-	672.00	(672.00)
Sub-Total	44,475.00	31,222.90	13,252.10
GRAND TOTAL	150,138.96	81,929.90	68,209.06



ANNEX 2

EETP 2002 Transition Plan

EETP Philippines Transition Work Plan (1 October - 7 December 2002)												
Manila, Republic of the Philippines												
Contract Number												
	*October			*November			*December					
Administrative Management												
1. Local staff hiring & office set up including personal contracts, letters of agreement	x	x	x									
2. Meetings with local subcontractors & independent consultants	x	x	x									
3. EETP program orientation for staff					x							
4. Staff orientation seminar on BOW & social marketing					x	x						
5. Preparation of operations and benefits manual		x	x	x	x							
6. Coordination AED FP project team (on-going)	x	x	x	x	x	x						
7. Develop EETP information and press materials					x	x	x					
8. Home office visit COP/DCOP	x											
9. Financial management (bank account, payroll, imprest account)												
10. Secretariat for donor collaborator meeting (tentative date: October)	x	x	x	x	x	x						
11. Secretariat for COP meeting (tentative date: October)	x	x	x	x	x	x						
Equipment												
1. Project vehicle			x									
2. Computer and information technology (server, laptops, desk top computers)		x	x	x	x							
3. Digital camera			x									
4. Phone lines and cell phones	x		x									
5. Miscellaneous equipment		x										
6. Office set up (wall panels, tables)	x	x										
Research												
1. Conduct Research Audit of Stakeholder Analysis	x	x	x	x	x							
2. Issue RFA for Stakeholder Formative Research	x											
3. Audit of current donor and government policy projects	x	x	x	x	x							
4. Audit results presentation to USAID										x		

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Contract Number	*October				*November				*December			
	10/1	10/2	10/3	10/4	11/1	11/2	11/3	11/4	12/1	12/2	12/3	12/4
IV. Work plan Development												
1. Individual meetings with counterparts - Introduction to EETP	x	x	x	x								
a. Dept of Energy												
b. Energy Regulatory Comm												
c. Nat'l Electrification Admin & Nat'l Power Corp												
d. Dept of Trade & Industry & Dept of Trans & Comm												
e. Power Sector Assets & Liabilities Corp & Nat'l Transmission Corp												
f. Others - NEDA, DOF, FNOC												
2. Identify technical needs -- collaborative w/ counterparts	x	x	x	x								
3. Evaluation & prioritize counterparts needs	x	x	x	x								
4. Individual meetings w/ contractors, donors, USAID	x	x	x	x								
5. Work plan design seminar (2 days) plus social marketing tutorial					x	x						
6. Work Plan Completion						x	x	x	x			
7. Meetings with Exe Com (Technical Secretariat)				x	x	x	x	x				
8. Work plan submitted to USAID									x			
IV. Marketing and Publicity												
1. Needs assessment of counterparts - for 1st year strategy design	x	x	x	x	x							
2. Logistics/planning and conduct three courses and events in Q1												
-- ERC Administrators Course (10 days)					x							
-- Consumer affairs and consumer education (ERC and DOE) 5 days						x						
-- Journalist Policy Workshop 3 days (Jan '03)												
-- M&E for EPIRA implementation (Jan '03) 5 days												

Contract Number	*October				*November				*December			
3. Planning for policy briefings and public affairs activities for stakeholders			X	X	X	X	X					
4. Conduct social marketing workshop (1 day with work plan design meeting)					X	X						
5. Assessment for Energy Professional's Management Program	X	X	X	X	X	X	X	X	X	X		
1. Consumer Technical Assistance (ongoing)												
1. EPIRA Consumer Education & Protection Program												
a. Advisor to Joint Framework Planning Workshop												
b. October Consumer Month												
c. Action plan for Consumer Education												
2. Policy Development/Natural Gas												
a. Advisors for drafting of Nat Gas Bill with Congress Tech Working Group (CTWG)												
b. Technical Secretariat Support & participation in CTWG Meetings												
c. Begin communication plan design for passage of law												
3. Vehicle Emissions Reduction Program												
a. Development of Guidelines for Importation of 2nd hand motor engines												
b. Advisor technical Secretariat to regular cooperators' meeting on implementation of the Clean Air Act												
c. Develop collaborative activities with other USAID cooperators & funded activities in the Partnership for Clean Air (IPC)												
4. Technical Support in Implementing the EPIRA												
a. Advisors for WESM Rules & the PGDC												
b. Advisor for development of monitoring & evaluation system -- on-going												
c. Pre-test & production of EPIRA investment promotional materials - Privatization Activities -- continuation from earlier project												

* Projected dates for activities with the understanding these are flexible.



ANNEX 3

2003-2004 EETP Detailed Work Program

Approved in Principle by USAID
As of 3-14-03



ENERGY ENVIRONMENT TRAINING PROGRAM

**PROPOSED PROGRAM WORK PLAN
(February 2003 – June 2004)**

**Prime Contractor
Academy for Educational Development**



PREESM is a joint program of the Philippines Department of Energy and the United States Agency for International Development under LAG-I-805-98-00011 (Philippine Energy Environment Policy and Training Program)



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Acronyms

AED	Academy for Educational Development
AIM	Asian Institute of Management
AMORE	Alliance for Mindanao Off-Grid Rural Electrification
ANECs	Affiliated Non-Conventional Energy Center
AWMA	Air and Waste Management Association
CAA	Clean Air Act
CARES	Consumer Action for Reforms in the Electricity Sector
CID	Corporate Image Dimensions, Inc
CLCI	Center for Leadership and Change, Inc. (Franklin Covey Services)
CNG	Compressed Natural Gas
COE	Committee on Energy (of the Philippine Congress' House of Representatives & Senate)
CWPO	Consumer Welfare and Promotions Office (of DOE)
DENR	Department of Environment and Natural Resources
DOE	Department of Energy
DOTC	Department of Transportation and Communication
DTI	Department of Trade and Industry
EPIAB	Electric Power Industry Administration Bureau (of DOE)
EPIRA	Electric Power Industry Reform Act
ERC	Energy Regulatory Commission
ExeCom	Executive Committee
GOP	Government of the Philippines
ICB	Institutional Capacity Building
HOR	House of Representatives (of the Philippine Congress)
IEC	Information, Education and Communication
IIE	Institute for International Education
LTO	Land Transportation Office
MITC	Mapua University Information Technology Center
MMDA	Metro Manila Development Authority
MOA	Memorandum of Agreement
MVIES	Motor Vehicle Inspection and Evaluation System
Nat Gas	Natural Gas
NCED	Non-Conventional Energy Division (of DOE)
NEA	National Electrification Administration
NPC	National Power Corporation
NGB	Natural Gas Bill
NGV	Natural Gas Vehicle
NTE	Not-To-Exceed (i.e., maximum amount allowed for contracted services)
OD	Organizational Development
OEM	Office of Environmental Management (of USAID)
ORP	Office of Regional Procurement (of USAID)



PA-US	PA Consulting/Government Services, Inc (of Washington D.C., USA)
PCCMP	Philippines Climate Change Mitigation Program
PDI	Policy Development and Implementation
PGDC	Philippine Grid and Distribution Codes
PETC	Private Emissions Testing Center
PMT	Program Management Team (of AED)
PSALM	Power Sector Assets and Liabilities Company
PREESM	Partnership for Reforms in Energy-Environment Sector Management (Now "E2EP")
RE	Renewable Energy
RoVE	Reduction of Vehicular Emissions
SO4	Strategic Objective #4 (of USAID's Mission Framework)
STAG	Strategic Thinking Advisory Group
TA	Technical Assistance
TNA	Technical Needs Assessment
TransCo	National Transmission Company
TSS	Technical Secretariat Support
TWG	Technical Working Group
WESM	Wholesale Electricity Spot Market
UNDP-GEF	United Nations Development Program-Global Environmental Facility
UP-NEC	University of the Philippines – National Engineering Center
USAEP	United States Asia Environmental Partnership
USAID	United States Agency for International Development



Introduction

The Academy for Educational Development submits this 16-month (February 2003- June 2004) work plan to provide an operational picture of how the joint USAID-DOE Program for "Partnerships for Reforms in Energy-Environment Sector Management" (PREESM) will facilitate policy reforms and their implementation, build institutional capacity, and strengthen the communication capacity and outreach of various government partner institutions in the following four impact areas:

- Implementation of the Electric Power Industry Reform Act (EPIRA);
- Development of the Philippine Natural Gas (Nat Gas) Industry;
- Reduction of Vehicular Emissions (ROVE) under the Clean Air Act (CAA); and
- Strengthening of the Philippine Renewable Energy (RE) Sector.

This document consists of the following:

Part One, which is a discussion of the programs' Performance Measures and Implementation Strategy

Part Two, which is a summary account of the Program's Completed Activities from October 2002 to January 2003. Between this period PREESM's activities were guided by the AED Transition Plan, the ongoing concerns from the predecessor program, i.e., the "Philippines Climate Change Mitigation Program", and emerging sector priorities that needed to be addressed, as endorsed by both the USAID and the DOE, co-chairs of this program's executive committee (ExeCom).

Part Three is the Annual Work Plan, which describes the technical and financial aspects of the high priority activities of the program from February 2003 to June 2004.



Part One Performance Measures and Implementation Strategy

Performance Measures

Consistent with the USAID Mission's Strategic Results Framework (SO4) and the scope of work of AED's work order under the USAID Training IQC (LAG-I-805-98-00011 - Philippine Energy Policy & Training Program), this work plan was essentially designed to deliver key Intermediate Results in the earlier-mentioned four technical areas. Given that there are only 16 operational months remaining for the PREESM to deliver the services required, the last 2 months being the wrap-up period, it was necessary to prioritize in the plan only those activities that we believed would facilitate the creation of "enabling opportunities". These opportunities would then directly or significantly contribute to the attainment of PDOE's priority goals and USAID's intermediate and strategic targets.

PREESM's performance measures must be viewed as interim and incremental. Our results are qualitative rather than numerical. By the end of the program, our activities will have paved the way for creating an environment that is conducive to, the near future, a reduction in electricity rates or a reduction in vehicular emissions. PREESM's performance measures are outlined in Table 1, alongside USAID's strategic and intermediate targets for the energy-environment sector between 2003-2007.

Implementation Strategy

PREESM's implementation strategies are strongly driven by AED's social marketing approach and the technical expertise of its major sub-contractor, PA Consulting.

While we recognize that there is need for the GOP and USAID to be flexible and to provide quick responses to the sector's emerging needs, we are also cognizant that activities must be pursued with an eye for building the groundwork for future or succeeding energy programs of both GOP and USAID. Inherent in our interventions, must be an effort to install or establish processes and mechanisms that will sustain initiatives and efforts in the reform process.

We will continue to adopt tried and tested ways of providing technical support to our partners but at same time we are convinced that innovations must be introduced in the way we design, develop, and deliver our assistance including maximizing the use of complementary resources that are made available through collaborative efforts.

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In order to effectively and efficiently deliver the Program's desired results, AED proposes to adopt the following additional implementation strategies:

- ✓ Secure partner acceptance and commitment. This is primary and fundamental. We can only build institutional competency if we are able to encourage our partner-government agencies to assign technical staff that will receive the technical support, work with our advisors, and ensure the "pass-on" of acquired skills or knowledge;
- ✓ Mobilize new and additional resources through unconventional partnerships. One effective way to do this is to tap the academic institutions. For instance, in the conduct of our communication campaigns, they can effectively serve as a complement to our subcont. Not only is the academe a rich source of professionals that will hasten external diffusion of information, it is also considered as a neutral venue for staging initiatives that will heighten civic consciousness and participation in public reforms.
- ✓ Combine foreign and local experts, as applicable, particularly in policy development and implementation work, to facilitate enrichment of local knowledge and capacity;
- ✓ Maximize stakeholder consultation in any policy development and implementation activity to ensure transparency and ownership of the reform process;

There are three types of technical assistance (TA) support that we have included as "components" in the proposed activities.

Component 1: Policy Development and Implementation

Support on policy development and implementation refers to the provision of expert advisory services to a government agency in the preparation, revision, promulgation, and/or implementation of policy instrument such as laws, implementing rules and regulations for a law, department circulars and orders, standards, and guidelines. Expert services, which may be provided on an intermittent or regular basis, are provided in the following:

- Conduct of underlying research and analysis of policy options;
- Public/stakeholder consultations, where experts serve as resource speakers, facilitators or technical documenters/analysts;
- Congressional technical working group meetings, where experts serve as technical resources persons



Activities to be completed under the work plan will include specific pro-active interventions that are part of the integrated work plan strategy. Interventions will include the following:

- **Engagement of the popular and specialty media in the energy issues through media briefings, editorial board meetings, press events and public hearings, and media policy training to introduce the complex issues surrounding energy and power**
- **Through communication training and message development establish a cadre of key spokespeople within the energy sector to articulate the key messages to stakeholders, i.e., media, policy makers, industry, commercial end users, and the general public in a language and manner that is understood and accepted**
- **Utilization of public hearings, energy conferences and seminars, and public exhibitions to disseminate important information on policy issues in a simple, straightforward, and understandable manner to increase public dialogue and participation**
- **Development of collateral materials on energy specific issues, such as, media/information kits used for advocacy and press briefings; booklets and reports on energy investment; consumer affairs information packets for NPC, ERC, and the DOE**
- **Public relations and promotional activities targeted to energy consumers and users including public transportation riders, community watch programs, communities, and consumer and advocacy groups to increase awareness of clean fuelled vehicles**
- **Advocacy target to the industry, government officials, media, and commercial consumers on economic and policy issues associated with natural gas, power, and clear air to include one-on-one meetings with spokespeople and advocates, executive sessions, site visits and debriefings with potential allies**
- **Audience segmentation to identify early acceptors among the decision makers and policy makers in government and private sector including the barriers or obstacles that prevent policy change and the incentives to motivate change**

AED will measure the impact of its activities through a monitoring and evaluation component to determine increase in awareness and understanding, and change in public opinion and attitudes of specific communities influential to the energy issues. AED's communication work will be based on technical needs assessment, KAP studies, and audience segmentation that establishes a baseline on which to measure our activities.

Table 1
USAID's SO4 Strategic & Intermediate Results
and PREESM's Performance Measures

USAID Mission's SO4 Strategic Framework		PREESM's Correspondent Performance Measures
Strategic Goals & Targets	Intermediate Results	
<i>Reduced electricity rates</i> - 6% decrease in 2002 commercial-industrial electricity rates by 2007	ERC and DOE/ Affiliates strengthened	<ul style="list-style-type: none"> ➤ ERC and DOE/Affiliates trained in WESM ➤ ERC and DOE/affiliates trained in improved customer service & media relations ➤ DOE & Affiliates assisted in change management via strategic planning support ➤ ERC trained on effective regulatory administration and management ➤ Communication campaign conducted to improve public confidence in ERC and NPC ➤ DOE provided with strategic advise & technical secretariat support in EPIRA implementation
	Power Bill IRR Carried out	<ul style="list-style-type: none"> ➤ Competitive market for electricity initiated via policy & training support for WESM implementation ➤ Monitoring & evaluation system on EPIRA implementation developed and initiated
	Transparent privatization implemented	Communication campaign to raise public awareness on privatization program conducted
	"Power Watch" Groups developed	CARES academic network partners geared up for sustained monitoring of EPIRA implementation
<i>Expanded use of renewable energy</i>	Private sector partnerships for RE established	DOE-LGU-NGO partnerships initiated via promotional forum



USAID Mission's SO4 Strategic Framework		PREESM's Correspondent Performance Measures
Strategic Goals & Targets	Intermediate Results	
<i>sources and clean fuels</i> - 5,000 households in remote conflict-afflicted areas of Mindanao electrified with RE by 2004	RE Bill supported	<ul style="list-style-type: none"> ➤ Review & options analysis of RE bill conducted ➤ Public forum on RE Bill conducted
	DOE Nat Gas Office created	<ul style="list-style-type: none"> ➤ Review & options analysis in the development of policy on pipeline permitting & standards provided ➤ Intensive training on nat gas industry management fundamentals provided
	Nat Gas regulatory framework developed	Likelihood of Passage of Nat Gas Bill enhanced via policy advisory support and enhancement of DOE's partnership with legislative bodies
<i>Reduced vehicle emissions</i> - 500,000 buses, trucks and other diesel-powered transportation utility vehicles registered in Metro Manila in compliance with emissions standards of the CAA by 2004	Emission testing centers established	<ul style="list-style-type: none"> ➤ Monitoring & Evaluation system for PETCs developed
	Increased civic action in monitoring and enforcing vehicle emission reduction efforts	<ul style="list-style-type: none"> ➤ Civil society participation in monitoring & evaluation for PETCs initiated ➤ Communication program to enhance public vigilance of emissions standards compliance enhanced conducted
	Increased use of alternative fuels for transport	<ul style="list-style-type: none"> ➤ Communication program to initiate Philippine Clean Cities Program conducted ➤ Communication program to raise public awareness and acceptance of NGV's conducted ➤ Policy on CNG as transport fuel analyzed via CNG pricing & incentives study
	Capability strengthened to repair and maintain vehicles to meet emission standards	<ul style="list-style-type: none"> ➤ Training to build government capacity for developing vehicle roadworthiness standards conducted

PART TWO

Completed and Ongoing Activities

PREESM officially commenced on October 1, 2002, immediately after its predecessor USAID program, the Philippines Climate Change Mitigation Program (PCCMP), ended. Since then, several activities have been completed. Many of these activities were assumed from the final work plan of the PCCMP. The total cost of these activities is about US\$ 0.59 Million.

The completed activities are summarized below for purposes of providing a primer on the types of assistance that are expected to be pursued in the remaining operational period of PREESM. A fuller description of these activities will be available in the PREESM 1st semester progress report.) Note that for items that did not require the hiring of consultants and sub-contractors, these were directly executed by the local AED-Program Management Team (PMT).



Table 2
PREESM Completed Activities
(October 2002 – January 2003)

Activity/Partner GOP Agency	Consultants/ Contractors/ Cooperators	Duration
POLICY DEVELOPMENT & IMPLEMENTATION		
<p><i>Technical Needs Assessment of the Sector (All GOP Partners)</i></p> <p>Designed & conducted a TNA, including GOP partner meetings & interviews, report preparation, DOE/USAID presentations on TNA results</p>	<ul style="list-style-type: none"> • Horace Crowe • Arlene Lafrades • Rowaldo Del Mundo • Soluziona – Alex Ablaza, Ruben Lambuson, Philip de Belen, Camille Villegas • AED Coordinator – Lou Caluag 	<p>Oct 7- Nov 15</p>
<p><i>Strategic Evaluation of EPIRA Implementation (DOE)</i></p> <p>Reviewed the progress of EPIRA's implementation, including report preparation & presentations to DOE & USAID, in the ExeCom meeting which discussed proposed directions for PREESM work plan.</p>	<ul style="list-style-type: none"> • Fernando Roxas • Ramon Chingcuangco • AED Coordinator – Joanne Dulce 	<p>Oct 23- Nov 7</p>
<p><i>PETC Policy Dialogue for DTT's Regional Directors (DTI)</i></p> <p>Provided planning & logistics support for the conduct of a workshop participated by DTT's regional directors & officers; the workshop discussed DTT's policy & procedures for implementing the accreditation of PETC applicants all over the country.</p>	<p>In-house staff – Lou Caluag, Alex Tamayo, Donna Llaneta</p>	<p>Nov 25- 27</p>
<p><i>TA for Passage of Nat Gas Legislation (DOE)</i></p> <p>Provided experts to advise the PDOE in the ongoing Congressional Committee on Energy TWG hearings on the draft bill; experts also served as resource persons in the TWG meetings as well as in the industry consultations of the</p>	<ul style="list-style-type: none"> • Liza Andres • Anna Uy • Connie Ojeda • AED Coordinator – MJ Bea 	<p>Oct 1 – to date</p>

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2003-2004 Work Plan

Activity/Partner GOP Agency	Consultants/ Contractors/ Cooperators	Duration
DOE.		
<p><i>Briefing on Natural Gas for GOP Reps in the Congressional TWG for Nat Gas Bill (DOE and Congress HOR's Committee on Energy)</i></p> <p>Organized and conducted a technical briefing for government representatives in the Congress Committee on Energy's TWG on the "Fundamentals of the Philippine Natural Gas Industry"</p>	<ul style="list-style-type: none"> • Liza Andres • Linda Breathitt • AED Coordinators – Lou Calug & MJ Bea 	<p>Dec 11; Feb 5</p>
<p><i>Evaluation of Philippine Nat Gas Vehicle Action Plan (DOE)</i></p> <p>Provided an international expert to advise the PDOE on the technical, economic and financial viability of its ongoing NGV Program.</p>	<ul style="list-style-type: none"> • John Ingersoll • AED Coordinators – ADonaire & MJ Bea 	<p>Dec 10-17</p>
<p><i>Executive Forum on TransCo Franchise Bill (DOE, PSALM, and AIM-WSPC)</i></p> <p>Organized and conducted with the Asian Institute of Management's Washington Sycip Policy Center, a forum-discussion on the merits of passing the proposed TransCo Franchise Bill, which is currently under Senate review.</p>	<ul style="list-style-type: none"> • Fernando Roxas • Ramon Chingcuangco • AIM-WSPC • Linda Breathitt • Ed del Fonso – PSALM President (Panelist) 	<p>Dec 10</p>
<p><i>Organizational Development Support on NPC's EPIRA-Mandated Reorganization (DOE and NPC)</i></p> <p>Provided two experts that assisted the DOE's Usec del Callar in managing the change process at NPC, which involved preparing inputs in drafting guidelines for the downsizing of NPC, determining a suitable new Table of Organization, setting the qualification standards for re-employment, and facilitating employee-level forums to communicate and obtain feedback on the change process.</p>	<ul style="list-style-type: none"> • Lino Balce • Rene Lamson • AED Coordinator – Ray Goco 	<p>Dec 5, 2002 -Jan 30, 2003</p>
<p><i>Legislative Pre-Briefing Meeting and Briefing on Nat Gas Fundamental (DOE and Congress HOR-COE)</i></p> <p>Conducted a couple of briefings for the</p>	<ul style="list-style-type: none"> • Liza Andres • Anna Uy • Connie Ojeda • AED Coordinators – Adonaire & MJ Bea 	<p>Jan 30 & Feb 5</p>



Activity/Partner GOP Agency	Consultants/ Contractors/ Cooperators	Duration
<p>congressmen and their technical staff on the fundamentals of the nat gas industry in preparation for the Congressional deliberation of the Nat Gas Bill</p>		
<p><i>DOTC-Industry Consultation for Development of a Monitoring & Evaluation System of the PETCs (DOTC)</i></p> <p>Facilitated DOTC's workshop with public transport and civil society organizations to thresh out issues and concerns involved in organizing a Metro Manila-wide system for tracking and reviewing the progress of PETC implementation.</p>	<ul style="list-style-type: none"> • Christine Reyes • Edith Pimentel • AED Coordinators – Lou Caluag and Alex Tamayo 	<p>Jan 14</p>
<p><i>DOE's Planning Workshop on the Missionary Electrification Development Program</i></p> <p>Provided a resource person and facilitator that assisted the DOE's Electric Power Industry Administration Bureau in finalizing the MEDP.</p>	<ul style="list-style-type: none"> • Fernando Roxas • AED Coordinator – Joanne Dulce 	<p>Feb 6-7</p>
INSTITUTIONAL CAPACITY-BUILDING		
<p><i>Study Tour to US – NGV Conference & Basic Training on NGV (DOE and California Bus Lines)</i></p> <p>Sponsored 3 Phil DOE officials and 2 private sector representatives (from California Bus Lines) to initiate government-private partnership in launching of a Phil NGV Program.</p>	<ul style="list-style-type: none"> • US-DOE • AED Coordinator – ADonaire and Lou Caluag 	<p>Oct 5-11</p>
<p><i>On-the Job Training on PETC Assessment (DTI)</i></p> <p>Provided mobilization support to the Phil DTI in the actual conduct of assessment of PETC applicants for accreditation.</p>	<ul style="list-style-type: none"> • AED Coordinator – Alex Tamayo 	<p>Nov 18- Dec 30</p>
<p><i>APEC Conference on Microeconomic Reform in the Electricity Supply Industry (DOE and APEC)</i></p> <p>Co-organized with the Phil DOE, this APEC Conference which apprised the participants of developments in power sector reforms in the country as well as in Australia and the US.</p>	<ul style="list-style-type: none"> • Former FERC Commissioner Linda Breathitt • AED Coordinators – Lou Caluag and Joanne Dulce 	<p>Dec 11-12</p>



Activity/Partner GOP Agency	Consultants/ Contractors/ Cooperators	Duration
<p><i>Sponsorship of DOE Participation in Conference on Better Air Quality 2002, Hong Kong</i></p> <p>Sponsored 3 Phil DOE officials to the conference to learn more about the Asian experiences and best practices in vehicle emissions reduction</p>	<ul style="list-style-type: none"> • AED Coordinator – Lou Caluag 	<p>Dec 16-18</p>
COMMUNICATIONS & SOCIAL MARKETING		
<p><i>Partnership for Clean Air Transportation Exhibition and Forum</i></p> <p>Partnered with the PCA – a public-private clean air coalition, of which the USAID is a member, in the conduct of a national exhibit on clean air initiatives and a forum/workshop for public utility vehicle owners, operators, and drivers to discuss and reach consensus on their concerns and recommendations regarding the implementation of the Clean Air Act provisions.</p>	<ul style="list-style-type: none"> • Partnership for Clean Air • AED Coordinators – Ray Goco and Alex Tamayo 	<p>Nov 28-30</p>
<p><i>Regular Executive Meetings of Undersecretaries for Implementation of Clean Air Act (DTI, DENR, DOTC, DOE)</i></p>	<ul style="list-style-type: none"> • AED Coordinators – Alex Tamayo and Laura Mateo 	<p>Oct - Dec</p>
<p><i>Support to Miriam PEACE (Public Education and Awareness Campaign for the Environment)</i></p> <p>Supported Miriam Peace's Street Campaign on Non-Postponement of Fuel Standards under the Clean Air Act, which was participated in by students and NGOs</p>	<ul style="list-style-type: none"> • Miriam College Environmental Studies Institute • AED Coordinator – Alex Tamayo 	<p>Nov 12</p>
<p><i>Technical Forum on Compressed Natural Gas (DOE)</i></p> <p>Co-organized/sponsored with the AWMA and USAEP, a technical presentation on the fundamentals of utilizing CNG for transport, in the context of the Phil. NGV Program</p>	<ul style="list-style-type: none"> • Air & Waste Management Association (AWMA), Philippines • USAEP-III/LBII • De La Salle University • Dr. John Ingersoll • AED Coordinator – Lou Caluag and MJ Bea 	<p>Dec 9</p>
<p><i>Nat Gas Study & NPC Privatization Investment Promotion Trip to the US (DOE's Usec J.De</i></p>	<ul style="list-style-type: none"> • Roger Gibian (AED-US) • US-DOE 	<p>Nov 17-22</p>

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2003-2004 Work Plan

Activity/Partner GOP Agency	Consultants/ Contractors/ Cooperators	Duration
<p><i>Dios)</i></p> <p><i>Energy Week Exhibit – Empowering the Filipinos through Renewable Energy</i></p> <p>Put up an exhibit booth featuring the activities of all USAID contractors & cooperators on renewable energy.</p>	<ul style="list-style-type: none">• AED Coordinator – Lou Caluag• All USAID-OEM Contractors• AED Coordinator – Lou Caluag	<p>Dec 3-9</p>
<p><i>Forum on Renewable Energy Technology Updates</i></p> <p>Provided logistics support in organizing this technology forum which featured local RE experts/practitioners that spoke on updates re the practical applications of RE technology in countryside electrification.</p>	<ul style="list-style-type: none">• PHILREA• DOE-EUMB• AED Coordinator - ADonaire	<p>Dec 3</p>



PART THREE

PROPOSED ACTIVITIES (FEBRUARY 2003 – JUNE 2004)

The activities under the PREESM work plan for February 2003 to June 2004 are grouped into eight (8), each one comprising any or a combination of the following components:

- **Component 1: Policy Development and Implementation**
- **Component 2: Institutional Capacity Building**
- **Component 3: Communications and Social Marketing**

Each component in turn, includes a number of tasks and sub-tasks, which when taken collectively, will significantly contribute to the attainment of a specified USAID intermediate result, and in turn to the SO4 strategic targets. The succeeding pages describe each activity.

An Activity #9 – Special Projects, is included in the proposed budget, as a mechanism for funding various tasks within our “technical scope” that are requested by both GOP and USAID in response to emerging and urgent sector concerns. AED will exert reasonable efforts to effectively respond to these requests without compromising the delivery of its other approved activities in this work plan.



Table 3
Summary of Proposed Activities
(February 2003 – June 2004)

<i>No.</i>	<i>Activity, Components, and Tasks</i>
1	TECHNICAL SUPPORT TO DOE IN ESTABLISHING THE WESM
	<i>Policy Development & Implementation</i>
	<ul style="list-style-type: none">• Advisory Support for “Harmonizing the WESM Rules and the PGDC”• Donors’ Collaboration Meeting• Advisory Support for the Development of WESM Guidelines & Procedures
	<i>Institutional Capacity Building</i>
	<ul style="list-style-type: none">• Basic WESM Simulation Training• Trading & Settlement Training• Market Monitoring & Surveillance Training
	<i>Communications & Social Marketing</i>
	<ul style="list-style-type: none">• Consensus-Building on WESM & PGDC Proposed Revisions• Publication of the Amendments to WESM & PGDC• Public Launching of WESM• Development & Dissemination of WESM Collaterals• CARES Power Watch on WESM
2	PROGRAM MANAGEMENT SUPPORT FOR DOE IN IMPLEMENTING THE EPIRA
	<i>Policy Development & Implementation</i>
	<ul style="list-style-type: none">• Development of a “Power Tracker” (EPIRA Monitoring and Evaluation System)• Creation of a “Strategic Thinking Advisory Group” (STAG)• Provision of Interim Technical Secretariat Support (ITS)
	<i>Institutional Capacity Building</i>
	<ul style="list-style-type: none">• Strategic Planning Support for EPIAB• Strategic Planning Support for CWPO• Customer Service Training• Media Training
	<i>Communications & Social Marketing</i>
	<ul style="list-style-type: none">• Development of EPIRA Collaterals for Promotion of Investments and Consumer Welfare• CARES Power Watch on Emerging EPIRA Implementation Concerns



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- | <i>No.</i> | <i>Activity, Components, and Tasks</i> |
|------------|---|
| 3 | STRENGTHENING THE ENERGY REGULATORY COMMISSION (ERC)

<i>Institutional Capacity Building</i> <ul style="list-style-type: none">• Training on Effective Administration of a Regulatory Agency• Media & Customer Service Trainings
<i>Communications & Social Marketing</i> <ul style="list-style-type: none">• Campaign to Improve Public Confidence in ERC• CARES Power Watch on EPIRA Regulatory Concerns |
| 4 | SUPPORT TO NPC IN CHANGE MANAGEMENT

<i>Institutional Capacity Building</i> <ul style="list-style-type: none">• Strategic Planning & Implementation Support for NPC• Media & Customer Service Trainings
<i>Communications & Social Marketing</i> <ul style="list-style-type: none">• Campaign to Improve Public Confidence in NPC |
| 5 | REDUCTION OF VEHICLE EMISSIONS (ROVE)

<i>Policy Development & Implementation</i> <ul style="list-style-type: none">• Advisory Support for the Development & Implementation of PETC Monitoring & Evaluation Guidelines
<i>Institutional Capacity Building</i> <ul style="list-style-type: none">• On-the-job Training for the Development of Vehicle Road-worthiness Standards• Media Training
<i>Communications & Social Marketing</i> <ul style="list-style-type: none">• Integrated Communication Program for ROVE• Campaign for Promotion of Alternative Transport Fuels (Philippine Clean Cities Program)• Management of the Regular CAA-Usecs' and TWG Meetings |
| 6 | FACILITATING THE DEVELOPMENT OF THE PHILIPPINE NATURAL GAS INDUSTRY

<i>Policy Development & Implementation</i> <ul style="list-style-type: none">• Development of Nat Gas Bill• Study on Pricing and Financial Incentives for CNG as Transport Fuel• Advisory Services on the Development of DOE's Procedures & Standards for Nat Gas Pipeline Permitting |



No.

Activity, Components, and Tasks

Institutional Capacity Building

- Enhancement of Legislative Knowledge on Fundamentals of Nat Gas

Communications & Social Marketing

- Support to DOE's Investment Promotion at the World Gas Conference in Tokyo, Japan
- Integrated Communication Program on the Nat Gas Industry

7 TECHNICAL SUPPORT FOR ADVANCING THE UTILIZATION OF RENEWABLE ENERGY (RE)

Policy Development & Implementation

- Review and Analysis of the Draft RE Bill

Communications & Social Marketing

- CARES Public Forum on the Draft RE Bill
- Mindanao Forum on Promotion of LGU/NGO/Private Sector Collaboration in RE Projects

8 PREESM PROGRAM MANAGEMENT ACTIVITIES

- Technical Needs Assessment (TNA) , Forum & Publication of Report
- Survey of Knowledge, Attitudes and Practices in the Energy Sector (Research Audit)
- Development & Maintenance of PREESM Website
- Production of PREESM Primer, Informational Video, Exhibit Materials & News Bulletin
- Staff Training on Effective Facilitation of Workshop & Meetings
- Staff Team-Building Workshop
- Staff Workshop on Mid-Program Performance Evaluation
- Staff Workshop on End-of-Program Performance Evaluation
- Two (2) USAID/NEDA Program Implementation Reviews
- Participation in Energy Week Exhibit
- CARES - Power Watch Summit on Energy Week 2003

9 SPECIAL PROJECTS - TBD



ACTIVITY 1

**TECHNICAL ASSISTANCE IN ESTABLISHING THE
WHOLESALE ELECTRICITY SPOT MARKET**



Activity # 1	TECHNICAL ASSISTANCE IN ESTABLISHING THE WHOLESALE ELECTRICITY SPOT MARKET
Partners	DOE, ERC, NPC, TransCo, PSALM, NEA
Objectives	Facilitate the establishment of a competitive Philippine wholesale market for electricity by building the capacity of the government's energy agencies that will manage and participate in the market.
Components & Tasks	<p>Component 1: Policy Development & Implementation</p> <ul style="list-style-type: none"> • Advisory support for "Harmonizing the WESM Rules and the PGDC" • Donors' Collaboration Meeting • Advisory Support for the Development of WESM Guidelines & Procedures: <ul style="list-style-type: none"> ○ Supplier of Last Resort ○ Rule Change Process ○ Mindanao Market Rules ○ CBK Dispatch & Dispatch Protocol <p>Component 2: Institutional Capacity-Building</p> <ul style="list-style-type: none"> • Basic WESM Simulation Training • Trading & Settlement Training • Market Monitoring & Surveillance Training <p>Component 3: Communications & Social Marketing</p> <ul style="list-style-type: none"> • Consensus-Building on WESM & PGDC Proposed Revisions • Publication of the Amendments to WESM & PGDC • Public Launching of WESM • Development & Dissemination of WESM Collaterals • CARES Power Watch on WESM
Expected Results	<p>Strategic</p> <ul style="list-style-type: none"> • Reduced electricity rates <p>Intermediate:</p> <ul style="list-style-type: none"> • EPIRA-IRR carried out • ERC & DOE Affiliates strengthened • Competitive market for electricity initiated • Stakeholders consulted in the policy reform process • Public informed of WESM's role in the power sector reforms • Sustainability ensured via academic partnership
Estimated Cost	\$ 293,266
Proposed Experts & Cooperators	<p>Component 1:</p> <ul style="list-style-type: none"> • Danilo Mercado, Rowaldo Del Mundo, Ramon Chingcuangco, Fernando Roxas, Sheila Ingco <p>Component 2:</p> <ul style="list-style-type: none"> • AED- Linda Breathitt; PA Consulting/US



Activity # 1 **TECHNICAL ASSISTANCE IN ESTABLISHING THE WHOLESALE ELECTRICITY SPOT MARKET**

	<ul style="list-style-type: none"> • Academic Partners (MAPUA-ITC, UP-NEC) <p>Component 3:</p> <ul style="list-style-type: none"> • Fernando Roxas, Yolly Villasenor • Danilo Mercado, Rowaldo Del Mundo • CARES Academic Partners • Social Marketing Agencies <ul style="list-style-type: none"> ○ EPIRA Collaterals – CAPRI ○ Power Watch – CID
Implementation Period	February 2003 – March 2004
Feb '03	Partner's Orientation Meeting
Mar '03	Donors' Collaboration Meeting
Feb-April '03	Harmonizing the WESM Rules & PGDC
Feb-June '03	Developing WESM Guidelines & Procedures
April '03	Consensus-Building on WESM/PGDC Proposed Revisions
Mar - April '03	Basic WESM Simulation Training
April '03	Public Launching of Demo WESM
April-Jun '03	Development & Dissemination of WESM Collaterals
Oct '03	Publication of Amendments to WESM/PGDC
Jul - Aug '03	Trading & Settlement Training
Aug - Sept '03	Market Monitoring & Surveillance Training
Oct '03	Public Launching of Full-scale WESM
Nov'03 –Jan '04	CARES Power Watch on WESM



- Task(s) Name**
- **ADVISORY SUPPORT FOR "HARMONIZING THE WESM RULES AND THE PGDC"**
 - **CONSENSUS-BUILDING ON WESM & PGDC PROPOSED REVISIONS**
 - **PUBLICATION OF THE AMENDMENTS TO WESM & PGDC**

Objectives

General

Ensure economic and technical consistency among EPIRA policy documents

Specific

- Assist the DOE and the ERC in evaluating the WESM rules and the PGDC for possible conflicts and inconsistencies and propose options for harmonizing them;
- Support the DOE and ERC in stakeholder consultations to secure approval of revisions for the rules/codes; and
- Support the DOE and ERC in promulgating the approved revisions to the rules/codes

Sub-Tasks

Advisory services of WESM & PGDC local experts

- Engage the services of a WESM expert (D.Mercado) and a PGDC expert (R. del Mundo) to provide advisory services to both DOE & ERC.
- Expected output will be a documented analysis of the inconsistencies found in the WESM Rules and the PGDC, and recommendations (options) for harmonization of the 2 documents.
- Facilitate five (5) coordination meetings between DOE and ERC technical staff by the technical experts.

Public consultations through CARES Network

- Conduct one (1) public consultation, in coordination with a CARES Network Partner in Metro Manila, to secure stakeholder inputs/concurrence on proposed revisions of the rules/codes.
- Target participants are industry stakeholders.

Publication of amendments to WESM & PGDC

- Amendments to the WESM Rules and the PGDC will be published once in two (2) local newspapers: one (1) broadsheet and one (1) tabloid.
- WESM collaterals to be developed in coordination with CAPRI and possibly, with UP-NISMED providing assistance in pre-testing or "popularizing" the materials prior to final printing

Proposed Experts/Cooperators

- Rowaldo del Mundo – PGDC Expert
- Danilo Mercado – WESM Expert
- CARES Partner – AIM/WSPC or Ateneo de Manila – School of Government



- Task(s) Name**
- **ADVISORY SUPPORT FOR "HARMONIZING THE WESM RULES AND THE PGDC"**
 - **CONSENSUS-BUILDING ON WESM & PGDC PROPOSED REVISIONS**
 - **PUBLICATION OF THE AMENDMENTS TO WESM & PGDC**

Timeline	Sub-tasks	Dates
	Engage technical advisors/experts	1 st wk Mar '03
	Submission of draft outputs by experts	Mid-April '03
	Conduct (5) coordination meetings	Mar – Apr '03
	Logistics and preparation for pub cons	1 st wk Apr '03
	Conduct public consultation	3 rd wk Apr – May '03
	Submission of final outputs by experts	4 th wk May '03
	Publication of amendments to the WESM Rules and PGDC	June '03

Basic Cost Items

Labor

- 2 Local EPIRA Advisors

Training - EPIRA

- Inter-agency coordination meetings
- One Public Consultation in MMLa
- Local newspaper publication – once only
 - 1 full page (broadsheet)
 - 1 full page (tabloid)

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Task Name	<i>DONORS' COLLABORATION MEETING ON WESM</i>	
Objectives		
<i>General</i>	Enable DOE to optimize technical assistance provided by donor agencies for the implementation of WESM.	
<i>Specific</i>	Assist DOE in the review and assessment of all TA's provided by various donors for the implementation of WESM to ensure that they are complementary, consistent, well-coordinated and unduplicated.	
Sub-Tasks	<ul style="list-style-type: none"> • Logistics and preparation support by AED staff & DOE-EPIAB • Conduct Donor's Collaboration Meeting. • Target participants are multilaterals and bilateral donors currently or planning to provide funding for DOE's WESM efforts 	
Timeline	<i>Sub-task</i>	<i>Dates</i>
	Logistics and preparations	1 st wk Mar '03
	Conduct Donor's Collaboration Meeting	3 rd wk Mar '03
	Submit documentation to USAID/DOE	Mid April
Basic Cost Items	<i>Training – Donor Collaboration</i> Cost of meeting – venue, meals, materials, and documentation	

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Task(s) Name	ADVISORY SUPPORT IN THE DEVELOPMENT OF WESM GUIDELINES & PROCEDURES	
Objectives	<p><i>General</i> Enable DOE to initiate and effectively manage WESM operations</p> <p><i>Specific</i> Assist the DOE in developing operational guidelines and procedures of the WESM</p>	
Sub-Tasks	<ul style="list-style-type: none"> • A local expert will be engaged to assist DOE in the drafting, formulation and finalization of the following guidelines/procedures: <ul style="list-style-type: none"> ○ Supplier of Last Resort ○ Rule Change Process ○ Mindanao Market Rules ○ CBK Dispatch & Dispatch Protocol • Conduct regular coordination/consultation meetings with DOE in drafting the documents. 	
Proposed Expert/Cooperator	<ul style="list-style-type: none"> • Sheila Ingco • DOE-EPIAB 	
Timeline	<i>Sub-tasks</i>	<i>Dates</i>
	Engage advisor/expert	3 rd wk Mar '03
	Conduct (5) coordination meetings	Feb – May '03
	Submission of outputs by expert	June '03
Basic Cost Items	LOE for Local EPIRA Advisor	



Task(s) Name	<i>BASIC WESM SIMULATION TRAINING</i>	
Objectives	<p>General Build-up DOE's capacity to lead the creation and management of a competitive market for electricity and in the process, ensure fair market electricity prices.</p> <p>Specific</p> <ol style="list-style-type: none"> 1. Enable the DOE's Power Bureau to effectively monitor and evaluate anti-competitive behaviour in the WESM by training them on the underlying implementation of a WESM. 2. Familiarize the DOE Affiliates on the operation and fundamentals of WESM 	
Sub-Tasks	<p>This will be a local training on the application of a WESM simulation software. Participants will come from DOE-EPIAB, NPC, TransCo, PSALM, ERC & NEA and two (2) academic partners, namely MAPUA-ITC & UP-NEC. Local academic experts will also be invited to the training to strengthen the non-gov't local pool.</p> <p>The software to be used is off-the-shelf type but the provider/trainer will be required to customize the simulation exercises with Philippine data. A foreign WESM expert will provide technical training.</p> <ol style="list-style-type: none"> a. Identify and hire WESM expert and software provider. b. Prepare MOA with academic partners, that will provide technical staff and limited support for use of their IT facilities c. Design of the simulation training program, including training materials. d. Dry-run and revisions e. Logistics & coordination f. Actual conduct for 5 days g. Post training assessment/participants' evaluation h. Post training job-coaching on the applications – 5 days 	
Proposed Experts/Cooperators	<ul style="list-style-type: none"> • PA-US Experts on WESM • WESM Software provider – TBD • Mapua – IT Center, UP-NEC • Local Events Organizer - TBD • DOE-EPIAB 	
Timeline	<i>Sub-task</i>	<i>Dates</i>
	Identify and hire WESM training provider, Enter into a contract with both	Mar 6-12
	DOE & academic partners MOA signing	Mar 6-12
	WESM expert designs the simulation training program & develops training materials	Mar 13-28

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Task(s) Name	BASIC WESM SIMULATION TRAINING	
	Dry-run & revisions	Mar 31-April 11
	Logistics & coordination	Mar 6-April 30
	Conduct trainings	Apr 21-25
	Post training assessment/participants' evaluation	Apr 28-30
Basic Cost Items	Labor	
	• LOE of foreign WESM expert-trainer	
	• Int'l Travel & Local Accommodation of expert	
	Training	
	• Training cost of Int'l software provider + software purchase & user licenses	
	• IT Facilities Rental	
	• Logistics	
	o venue (6 days)	
	o meals (6 days)	
	• Training Kits – software manuals, technical papers, supplies	
	• Cost of Local Training/Events Organizer	



Task(s) Name	<ul style="list-style-type: none">• TRADING & SETTLEMENT TRAINING FOR PSALM• MARKET MONITORING & SURVEILLANCE TRAINING FOR ERC
Objectives	
General	Ensure smooth operation of the wholesale electricity spot market by training the major industry players on their respective roles
Specific	Assist PSALM and ERC in developing their respective manuals of operations on their roles in the WESM by providing training for PSALM (trading and settlement); and ERC (regulatory aspects of WESM).

Sub-Tasks	<p>A. Trading and Settlement Training for PSALM</p> <ul style="list-style-type: none">▪ This is a local training on Trading and Settlement for PSALM that will be provided by an international expert/institution. Knowledge and skills to be gained in this training will help stimulate electricity trading by GENCOs and IPP administrators. Prospective training design is a classroom type using simulation exercises on trading and settlement. The training end goal is to come up with a standardized manual of operations which will guide the soon to be created 6 trading teams and 1 settlement team.<ul style="list-style-type: none">a. Identification & selection of international firm/experts to provide advise in designing the training.b. Development of training materials and paraphernalia by training consultants.c. Logistics & coordination, locally and with international contractord. Conduct of Training, three days for classroom session and two days for simulation.e. Provide inputs in drafting PSALM's manual of operations. <p>B. Training on WESM Monitoring & Surveillance for ERC</p> <ul style="list-style-type: none">▪ This is a local training on market price determination, accreditation of eligible members, and determining market failure, to be provided by an international expert/institution. Prospective training design is classroom type using simulation exercises on market price determination, accreditation of eligible members, and determining market failure, with the end goal of helping ERC in coming up with a standardized manual of operations.<ul style="list-style-type: none">a. Identification and selection of international expert to provide advise in designing the training.b. Development of training materials and paraphernalia by training consultantsc. Logistics & coordination, locally and with international
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Task(s) Name	<ul style="list-style-type: none"> • TRADING & SETTLEMENT TRAINING FOR PSALM • MARKET MONITORING & SURVEILLANCE TRAINING FOR ERC 	
Proposed Experts/Cooperators	<p>contractor</p> <ul style="list-style-type: none"> d. Conduct of Training, three days for classroom session and two days for simulation, and one week job coaching. e. Provide inputs in drafting ERC's manual of operations. <ul style="list-style-type: none"> • PA-US Expert on WESM trading & settlement operations • PA-US Expert on Market Monitoring • Local Expert on WESM Rules – TBD • ERC and PSALM • Local Events Organizer - TBD 	
Timeline	Sub-task	Dates
	Trading and Settlement Training	
	Contracting of Expert/Firm and Design of Training	1 st -3 rd wk Jul
	Logistics & coordination	1 st wk Jul-3 rd wk Aug
	Conduct Trading & Settlement Training	4 th wk Aug
	Preparation of manual of operations	1 st wk Sept
	Market Monitoring & Surveillance	
	Contracting of Expert/Firm and Design of Training	1 st - 3 rd wk Aug
	Logistics & coordination	2 nd wk Aug - 3 rd wk Sept
	Conduct Market Monitoring & Surveillance Training	4 th wk Sept
	Preparation of manual of operations	1 st wk October
Basic Cost Items	Labor	
	<ul style="list-style-type: none"> • LOE of foreign expert-trainer • LOE of local expert-resource person • Int'l Travel & Local Accommodation of expert 	
	Training	
	<ul style="list-style-type: none"> • IT Facilities Rental - 6 days • Venue - 6 days • Meals- 6 days • Training Kits • Local Training/Events Organizer 	



Task(s) Name	PUBLIC LAUNCHING OF WESM	
Objectives	<i>General</i>	Promote public awareness on the implementation of a wholesale electricity spot market (WESM)
	<i>Specific</i>	Assist the DOE in the preparation and actual launching of a demo and a full-scale WESM.
Sub-Tasks	Public Launch of Demo WESM	
	<ul style="list-style-type: none"> • Logistics and preparation • Conduct actual launching in April at the DOE 	
Proposed Experts/Cooperators	Public Launch of Full-scale WESM	
	<ul style="list-style-type: none"> • Logistics and preparation • Conduct actual launching on October in Metro Manila Hotel, possibly, Dusit Hotel 	
Timeline	▪ Social Marketing Agency – CAPRI	
	▪ Local Events Organizer - TBD	
	▪ DOE-EPIAB	
	Sub-task	Dates
	Logistics and preparation	1 st wk Apr '03
	Launch of Demo WESM	3 rd wk Apr '03
	Logistics and preparation	1 st wk Oct '03
	Launch of Full-scale WESM	3 rd wk Oct '03
Basic Cost Items	Training	
	Venues, meals, & program handouts	
	<ul style="list-style-type: none"> • Cost of events organizer • Cost of publication <ul style="list-style-type: none"> ○ 1 full page (broadsheet) ○ 1 full page (tabloid) 	

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Task(s) Name	DEVELOPMENT & DISSEMINATION OF WESM COLLATERALS	
Objectives	General	Promote public awareness on the implementation of a wholesale electricity spot market (WESM)
	Specific	Assist the DOE in the design, development and dissemination of WESM collaterals
Sub-Tasks	<ul style="list-style-type: none"> ▪ Engage Social Marketing agency to design and develop collaterals ▪ (3) Coordination meetings ▪ Pre-testing of collaterals ▪ Finalize collaterals; printing and reproduction of materials, such as: <ul style="list-style-type: none"> ○ Handouts; Handbooks & primers ○ Worksheets; Posters ▪ Dissemination of materials among industry players, government agencies, CARES network, research centres, donor community & other energy sector stakeholders 	
Proposed Experts & Cooperators	<ul style="list-style-type: none"> • Social marketing agency – CAPRI • Pre-Testing Reviewers – UP-NISMED • Executive editors – Elizabeth Perez; Emmanuel Marbella 	
Timeline	Sub-tasks	Dates
	Engage social marketing agency	2nd wk Mar
	Material design and development	3 rd wk Mar – 1 st wk Apr '03
	Conduct consultation/coordination meetings	3 rd wk Mar – 3 rd wk Apr '03
	Pre-testing of collaterals	2 nd wk Apr – 2 nd wk May '03
	Printing and reproduction	3 rd wk May
	Dissemination	4 th wk May – 2 nd wk June '03
Basic Cost Items	Subcontract Social marketing agency – CAPRI Training <ul style="list-style-type: none"> • Cost for pre-testing of collaterals & executive editing • Cost of printing and reproduction • Cost of dissemination 	



Task(s) Name	CARES "POWER WATCH ON WESM"	
Objectives	<p><i>General</i> Increase public appreciation and understanding, through the CARES-network, of the existence and functions of the WESM</p>	
Sub-Tasks	<ul style="list-style-type: none"> • Logistics and preparation for the forums - • Co-sponsor a total of two (2) CARES-initiated public info forums on WESM in: Metro Manila and Visayas • Assist CARES partners in the design, planning & conduct of actual forums • Support CARES partners in follow on activities that involves mobilization, organization, and management of "WESM watch" groups, among interested electricity consumers & industry stakeholders • Provide a social marketing expert to advise and support the CARES partners in launching and sustaining "Power Watch" in the respective localities 	
Proposed Experts	<ul style="list-style-type: none"> • Social Marketing Agency – CID • CARES Partners – TBD, but possibly AIM or Ateneo in Metro Manila and USC in Cebu 	
Timeline	<i>Sub-task</i>	<i>Dates</i>
	Logistics and preparation	1 st wk Nov '03
	Conduct of two forums	3 rd wk Nov – Feb '04
	Post-forum Power Watch Meetings	1 st wk Mar –May '04
Basic Cost Items	<p><i>Sub-contract</i> Social Marketing Agency – CID</p> <p><i>Labor</i> LOE of 2 Local Resource Speakers Local Travel & Per diem - 2 speakers & 3 AED staff</p> <p><i>Training</i> Cost of 2 public forums (Metro Manila and Metro Cebu) Support for CARES follow-on meetings for "WESM Watch" + materials reproduction</p>	



ACTIVITY 2

**PROGRAM AND STRATEGIC MANAGEMENT SUPPORT FOR
DOE IN THE IMPLEMENTATION OF EPIRA**

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Activity # 2	PROGRAM AND STRATEGIC MANAGEMENT SUPPORT FOR DOE IN THE IMPLEMENTATION OF THE EPIRA
Partners	DOE - Electric Power Industry Administration Bureau (EPIAB), Investment Promotions Office, Consumer Welfare and Promotions Office (CWPO)
Objectives	Enable the DOE to effectively manage, administer, and monitor the implementation of the EPIRA and its various implementing rules and codes.
Components	<p>Component 1: Policy Development & Implementation</p> <ul style="list-style-type: none">• Development of a "Power Tracker" (EPIRA Monitoring and Evaluation System)• Provision of "Strategic Thinking Advisory Group" (STAG)• Provision of Interim Technical Secretariat (ITS) Support <p>Component 2. Institutional Capacity Building</p> <ul style="list-style-type: none">• Strategic Planning Support for DOE-EPIAB• Support for DOE-CWPO in the Development of a Strategic Communications Plan• Customer Service Training• Media Training <p>Component 3: Communications & Social Marketing</p> <ul style="list-style-type: none">• Development of EPIRA Collaterals for Promotion of Investments and Consumer Welfare• CARES Power Watch on Emerging EPIRA Implementation Concerns
Expected Results	<p>Strategic</p> <ul style="list-style-type: none">• Reduced electricity rates <p>Intermediate:</p> <ul style="list-style-type: none">• EPIRA-IRR carried out• DOE 's implementing units strengthened• Public awareness and consumer watch groups sustained
Estimated Cost	\$557,332
Proposed Experts & Cooperators:	<p>Component 1:</p> <ul style="list-style-type: none">• Senior - Francisco Viray, Federico Puno, Jesus Alcorido, Neptali Franco• Mid - Fernando Roxas, Arlene Lafrades, Ramon Chingcuangco, Sheila Ingco, Yolly Villasenor• Junior - J. Estiva, E. Dispo, Z. Pilapil• K2iA for IT Services <p>Component 2:</p> <ul style="list-style-type: none">• Strategic Planning Expert – Local, TBD (e.g AIM or Atenco)• Social Marketing Agency-CAPRI and CID <p>Component 3:</p>



Activity # 2 **PROGRAM AND STRATEGIC MANAGEMENT SUPPORT FOR
DOE IN THE IMPLEMENTATION OF THE EPIRA**

- CARES Academic Partners
- Social Marketing Agency – CAPRI and CID
- Possibly, UP-NISMED, for pre-testing of collaterals

Implementation Period	February 2003 – March 2004
Feb – Mar '03	EPIAB Strategic Planning Support
Mar – Apr '03	CWPO Strategic Planning Support
Feb '03–Mar '04	Development of Power Tracker
Feb '03–Mar '04	Provision of STAG
Feb '03–Mar '04	Provision of Technical Secretariat Support
Mar '03	Media Training
July '03	Customer Service Training
Mar – May '03	Development of EPIRA Collaterals
Oct '03–Mar '04	CARES Power Watch on Emerging EPIRA Implementation Concerns



Task Name	DEVELOPMENT OF "POWER TRACKER" (EPIRA MONITORING & EVALUATION SYSTEM)	
Objectives	<p>Assist the DOE in developing and implementing a system for monitoring and evaluating the progress of implementing the EPIRA.</p> <p>Facilitate DOE & ERC coordination in monitoring the implementation of EPIRA and exchange of information.</p>	
Sub-Tasks	<p>The <i>Power Tracker System</i> will be physically based at and managed by the DOE-EPIAB, with technical support from DOE's MIS unit. ERC's MIS, would also be a major user and provider of data, so it will also be included in the system design, execution, and training.</p> <ol style="list-style-type: none"> a. System Design – identifying the monitoring indicators, evaluation parameters, and the reporting formats. Involves: <ul style="list-style-type: none"> • Review & fine-tuning of the M&E Framework developed under PCCMP • Development of Monitoring & Evaluation plans/manuals b. Software development – translating the system into a practical computer-based program c. Database development & management – initiating database build-up, including secondary research; Developing integrated database for the G,T, D, ME & WESM d. Training for DOE's Power Bureau staff & ERC's MIS. e. Convening an inter-agency committee to sustain data flow for the system through the conduct of five (5) coordination meetings. 	
Timeline	Sub-task	Dates
	Partner's Orientation Meeting	Mar '03
	System design	Mar – May '03
	Software development	Jun – Sep '03
	Database development	Oct '03–jan '04
	Training	Feb'04–Mar'04
	Inter-agency committee meetings	Apr '03–Feb'04
Basic Cost Items	<p>Labor</p> <p>LOE for 1 Power Tracker Local Advisor</p> <p>LOE for 1 Research Associate</p>	



Task Name

DEVELOPMENT OF "POWER TRACKER" (EPIRA MONITORING & EVALUATION SYSTEM)

Training

Cost of Software development

Purchase of database software & license

Database development - 2 encoders

Training equipment rental, venue, meals, kit, supplies & materials

Inter-agency coordination meetings



Task(s) Name *PROVISION OF "STRATEGIC THINKING ADVISORY GROUP" (STAG)*

Objectives

General Enable the DOE to effectively manage, administer and monitor the implementation of the EPIRA, its IRR and related guidelines/policies.

Specific Assist DOE in addressing arising policy gaps and issues through the formation of a Strategic Thinking Advisory Group (STAG) composed of local senior and mid-level energy experts.

Sub-Tasks

Engage local senior and/or mid-level energy experts on an "as-needed basis" for the next 12 months (Mar 2003 – Mar 2004), to provide strategic advise to the DOE Secretary and/or Undersecretary in implementing the EPIRA. The experts will undertake tasks, which will include but not necessarily be limited to the following:

- Identifying, reviewing and analyzing emerging EPIRA-related issues and concerns and advising the DOE Secretary/Undersecretary in writing on the analysis & recommendations;
- Preparing and submitting presentation materials and/or technical report containing evaluation and/or recommendations; and
- Serving as resource speakers/persons for EPIRA-related communication events, including DOE-led meetings.

Proposed Experts

The possible candidates (All PA-US/Local) for the STAG are as follows:

- a. Senior-Level: F. Viray, J. Alcorido, N. Franco & F. Puno
- b. Mid-Level: F. Roxas, , S. Ingco, Y. Villasenor, R. del Mundo, R. Chingcuangco

For budgeting purposes, a notional LOE ceiling of 5 days/month for the next 12 months will be assigned to each expert, but actual use of the LOE will depend on whether the DOE calls on the expert(s) to provide advise and will only be allowed upon advise/authorization by the local AED-PMT, via a work order. Since each expert will be called upon only to provide specific advise, it is necessary that each work order will require production of written outputs by the experts.

Basic Cost Items

Labor
LOE for STAG Local Experts

Timeline	Sub-task	Dates
	Engage local energy experts	Mar '03 – Mar '04
	Submission of progress reports to AED	Monthly



Task(s) Name	PROVISION OF INTERIM TECHNICAL SECRETARIAT SUPPORT	
Objectives	<p><i>General</i> Enable the DOE to effectively manage, administer and monitor the implementation of the EPIRA, its IRR and related guidelines/ policies.</p> <p><i>Specific</i> Provide technical secretariat that will assist DOE-EPIAB in performing its daily responsibilities under its EPIRA mandate.</p>	
Sub-Tasks	<p>Engage two (2) junior EPIRA local consultants and one administrative staff, who will provide technical secretariat support to the DOE-EPIAB for the next 12 months (Mar '03-Mar '04). The consultants will perform the following tasks:</p> <ul style="list-style-type: none"> • Technical Research on EPIRA issues; • Preparation of reports, presentation materials, correspondence, and other similar documents; • Coordination/Organization/Documentation of meetings, workshops/seminars, forums, and other similar events. 	
Proposed Consultants	PA-US Local Junior Consultants – Jude Estiva; Evangeline Dispo Admin Assistant - TBD	
Basic Cost Items	<ul style="list-style-type: none"> • LOE for 2 Junior EPIRA Consultants • Purchase Order Cost of 1 admin staff • Computer rental 	
Timeline	<i>Sub-task</i>	<i>Dates</i>
	Engage consultants	Feb'03 – Mar'04
	Submission of progress reports to AED	Semi-monthly





Task(s) Name	STRATEGIC PLANNING SUPPORT FOR DOE-EPIAB
Objectives	<p><i>General</i> Enable DOE to perform effectively its roles/tasks under the EPIRA through the creation of the Electric Power Industry Administrative Bureau (EPIAB).</p> <p><i>Specific</i> Assist DOE in meeting organizational development (OD) requirements through the conduct of a strategic planning workshop that will provide the inputs for the change management process.</p>
Sub-Tasks	<p>Engage a local organizational development expert to provide advisory services in the pre- and post-planning stages and to facilitate during actual SPW. AED will assist in the following</p> <ul style="list-style-type: none">• Pre-planning/coordination meetings• SWOT Analysis/Environmental scanning• Logistics and funding for 2-day Strategic Planning Workshop• Conducting the SP Workshop, design of which would cover:<ul style="list-style-type: none">○ Role definition of EPIAB in EPIRA implementation;○ EPIAB Tasks definition and expectations of EPIAB;○ Activity identification and Implementation strategies.• Drafting of EPIAB-Strategic Plan• Conduct follow-on team-building activities• Communicating the plan to DOE Management & Other Bureaus• Logistics & Conduct of a follow-on 1-day Team-Building workshop
Proposed Expert	<ul style="list-style-type: none">• RFP to be issued to following strategic management expert organizations:<ul style="list-style-type: none">○ Atenco-based Center for Leadership and Change, Inc (CLCI)○ Asian Institute of Management-WSPC○ SGV○ UP-NCPAG or UP-CBA• EPIRA Expert would come from any of the STAG Advisors
Basic Cost Items	<p><i>Sub-Contract</i> - Strategic management firm/expert</p> <p><i>Training</i> <u>Cost of 3-day Strategic Planning Workshop</u></p> <ul style="list-style-type: none">• Venue, meals, kit• Local transport• Equipment rental



Task(s) Name

STRATEGIC PLANNING SUPPORT FOR DOE-EPIAB

- Fees for facilitator
- Fees for 1 documenter
- Pre-planning & post workshop meetings

Cost of 1-day Team-Building Workshop – Sub-contract

Timeline

Sub-task	Dates
Engage Strategic Planning & EPIRA experts	1 st week Mar '03
Coordination meetings	Mar 1- 21, '03
Logistics and Preparations	Mar 10-21, '03
Conduct SPW	4 th wk Mar '03
Complete the Strategic Plan	2 nd wk Apr '03
Team Building Workshop	4 th wk Apr '03



Task Name	SUPPORT FOR DOE-CWPO IN THE DEVELOPMENT OF A STRATEGIC COMMUNICATIONS PLANNING	
Objectives	<p><i>General</i> Promote consumer awareness and education on consumer rights, responsibilities and role under a restructured electric power industry.</p> <p><i>Specific</i> Enable the DOE - Consumer Welfare and Promotion Office (CWPO) to perform effectively its role in informing, educating and communicating to the consumers critical information and issues related to EPIRA implementation.</p>	
Sub-Tasks	<p>Engage a local communications expert to provide advisory services during planning stages and to facilitate during actual SPW.</p> <ul style="list-style-type: none"> • Pre-planning/coordination meetings • SWOT Analysis/Environmental scanning • Preparation of CWPO's Strategic Communication Plan 	
Proposed Experts	Strategic Planning: Center for Leadership and Change, Inc or AIM Communications Specialist: CID	
Basic Cost Items	<p><i>Sub-Contract</i></p> <ul style="list-style-type: none"> - Strategic Communications Specialist – CID - Strategic Planning Specialist - TBD 	
Timeline	Sub-task	Dates
	Engage communications & strategic planning experts	2 nd k Mar '03
	Logistics and preparations	3 rd wk Mar '03
	Conduct (3) coordination meetings	2 nd wk – 4 th wk Mar '03
	Conduct strategic planning workshop	Apr '03
	Complete Strategic Communication Plan	2 nd wk Apr



Task Name	MEDIA TRAINING FOR EPIRA AGENCY OFFICIALS	
Objectives	Provide energy agency officials and selected technical officers with skills that will result in enhanced government-media relations and more effective delivery of key sector messages to the public.	
Sub-Tasks	<ul style="list-style-type: none"> ▪ Bidding process to choose the training service provider firm ▪ Id and contracting of training firm ▪ Training Program Design in 1 week, including id of qualified participants from DOE & Affiliates & ERC; the design must include hands-on exercises such as actual interview in a TV or radio program. ▪ Logistics and preparations ▪ Conduct of training, 1-day ; venue is Metro Manila ▪ Evaluation by trainer of participants' performance ▪ Training Program Participants' Evaluation/ Feedback ▪ Identification and selection of the official spokesperson per government agency 	
Proposed Experts	Communications Specialist – CAPRI [Note: RFP was sent way back in February to CAPRI, CID and AC Nielsen]	
Basic Cost Item	<i>Subcontract</i> Communications Agency - CAPRI	
	Bidding process	February
	Engage PR/communications agency	1 st wk Mar
	Training Program Design and pre-testing	2 nd wk Mar
	Logistics and preparations	2 nd wk -3 rd wk Mar
	Conduct training	Mar-April
	Identification of Agency Spokesperson	April



Task Name	CUSTOMER SERVICE TRAINING FOR EPIRA AGENCIES	
Objectives	General	<ol style="list-style-type: none"> Promote public's confidence in the EPIRA implementing agencies (DOE, NPC, TRAnsCo, NEA) Promote consumer awareness and education on consumer rights and responsibilities.
	Specific	Enhance capacity of consumer relations/affairs units of the energy agencies to effectively relate with consumers/customers and address customer complaints/concerns.
Sub-Tasks	<ul style="list-style-type: none"> Bidding process to choose the customer service training firm Contracting of customer service training firm Training Program Design in 4 weeks, including identification of qualified participants from the energy agencies. The design would cover interpersonal relations (IPR) skills development, responding to client calls/inquiries in various media, and promoting/projecting a positive image of the agency. Coordination, logistics support, and preparations Conduct of 2-day live-out training; venue is Metro Manila; target number of participants is 20. Training Program Participants' Evaluation/ Feedback 	
Proposed Expert	TBD – will invite local firms CAPRI and CID; will also determine if AED-US can provide additional trainers from in-house experts roster	
Basic Cost Items	Subcontract-cost Training Agency (All-inclusive: training design, trainers, materials, event mgmt & video documentation)	
	Labor LOE for EPIRA Local Technical Expert	
	Training Training kit, Equipment Rental, Venue, Meals	
Timeline	Sub-task	Dates
	Bidding process	1 st wk May '03
	Engage PR agency	2 nd wk May
	Design of training program including pre-testing	3 rd wk May–2 nd wk Jun
	Logistics and preparations	4 th wk May– 3 rd wk July
	Conduct Customer Service Training	4 th wk July
	Post training work	1 st wk Aug.



Task(s) Name	DEVELOPMENT OF EPIRA COLLATERALS FOR PROMOTION OF INVESTMENTS & CONSUMER WELFARE	
Objectives	General	<ol style="list-style-type: none"> Promote consumer welfare by informing consumers of the reforms in the energy sector, and of their rights, responsibilities and role under a restructured electric power industry; and Encourage investments in the energy sector by promoting business opportunities.
	Specific	Assist the DOE in the design, development and dissemination of EPIRA collaterals.
Sub-Tasks	<ul style="list-style-type: none"> ▪ Engage Social Marketing agency to design and develop collaterals ▪ (3) Coordination meetings ▪ Pre-testing of collaterals ▪ Finalize collaterals; printing and reproduction of materials such as: <ul style="list-style-type: none"> ○ Handouts, Guidebook, Primers, Posters ○ CDs and Audio-visual Presentation ○ Presentation Materials ▪ Dissemination of materials in coordination with CARES and concerned government agencies. 	
Proposed Experts	<ul style="list-style-type: none"> • CAPRI – social marketing agency • Executive Editors – M. Marbella, E. Peralta • UP-NISMED – pre-testing reviewer and creative advisor 	
Basic Cost Items	<i>Subcontract Cost</i>	
	Social Marketing Agency	
	<i>Training</i>	
	Executive editing & pre-testing cost	
	Cost of printing and reproduction	
	Cost of dissemination	
Timeline	<i>Sub-task</i>	<i>Dates</i>
	Engage agency	1 st wk Apr
	Material design and development	2 nd wk Apr– May '03
	Conduct consultation/coordination meetings	2 nd wk Apr– May '03
	Pre-testing of collaterals	2 nd wk May '03
	Printing and reproduction	1 st wk – end Jun
	Dissemination	July '03



Task(s) Name	CARES "POWER WATCH ON EMERGING EPIRA IMPLEMENTATION CONCERNS"
Objectives	<p><i>General</i> Pursue continuing consumer education for the mass base of the power reform program</p> <p><i>Specific</i></p> <ol style="list-style-type: none">1. Support the CARES network in strengthening local consumer empowerment through continuing education on the issues/concerns that are emerging as a result of the EPIRA implementation.2. Enable the CARES network to initiate action in response to the current issues to be resolved.
Sub-Tasks	<ul style="list-style-type: none">• Logistics & preparation for the forums• Co-sponsor three (3) CARES-initiated forums on various critical issues such as universal charge, NPC and TransCo privatization, and power rates unbundling.• Forums will be held separately on different dates in three CARES venues. Target participants may vary depending on the nature of the topic to be discussed but industry stakeholders and consumers will be a staple.• Publish output/action steps of the participants via DOE/PREESM website or newspaper, as applicable.• Support CARES-based policy research on critical issues raised in the forums and other follow-on advocacy work to sustain "consumer watch" activities in the locality.
Proposed Experts and Partners	<ul style="list-style-type: none">• Resource Speakers – Any of the EPIRA "STAG" experts• CARES Partners:<ul style="list-style-type: none">o Metro Manila or Northern Luzon – AIM or Ateneo; Angeles Univ. or Bicol Universityo Metro Cebu – USCo Mindanao – Ateneo de Davao or Xavier University
Basic Cost Items	<p><i>Training</i></p> <p>Cost of 3 public forums (<i>Metro Manila, Metro Cebu & Davao</i>)</p> <p>Cost of publication of forum outputs (e.g. manifesto, resolution, call to action, etc)</p> <p>- 1 full page (broadsheet); 1 full page (tabloid)</p> <p>Support for CARES follow-on activities:</p> <p>-6 policy researches(2/partner)</p> <p>-6 mini-forums(3/partner)</p> <p><i>Labor</i></p> <p>LOE of 2 Local Resource Speakers</p> <p>Local Travel & Per diem of 2 speakers & 3 AED staff</p>



Task(s) Name	CARES "POWER WATCH ON EMERGING EPIRA IMPLEMENTATION CONCERNS"	
Timeline	Sub-task	Dates
	Logistics and preparation	2 wks prior to forum, starting Oct '03
	Conduct forums	Nov '03, Jan '04, & Mar '04
	Publish outputs/action steps	Within a week of completion of each forum
	Undertake follow-on policy researches and mini-forums	Oct '03-Mar'04



ACTIVITY 3
STRENGTHENING THE ENERGY REGULATORY COMMISSION



Activity # 3	<i>STRENGTHENING THE ENERGY REGULATORY COMMISSION</i>
Partners	ERC
Objectives	Enable the ERC to effectively manage, administer, and monitor the implementation of the EPIRA and its various implementing rules and codes.
Components & Tasks	<p><i>Component 1. Institutional Capacity Building</i></p> <ul style="list-style-type: none"> • Training on Effective Administration of a Regulatory Agency • Customer Service Training (participant in DOE-based training) • Media Training <p><i>Component 2: Communications & Social Marketing</i></p> <ul style="list-style-type: none"> • Campaign to Improve Public Confidence in ERC • CARES Power Watch on EPIRA Regulatory Concerns
Expected Results	<p><i>Strategic</i></p> <ul style="list-style-type: none"> • Reduced electricity rates <p><i>Intermediate:</i></p> <ul style="list-style-type: none"> • EPIRA-IRR carried out • ERC strengthened • Public awareness and consumer watch groups sustained
Estimated Cost	\$ 242,043
Proposed Experts & Cooperators:	<p>Component 1:</p> <ul style="list-style-type: none"> • AED/US (Raj Addepali, Roger Gibian, Linda Breathitt) • PA-US (TBD) • Agency (CAPRI & CID) <p>Component 2:</p> <ul style="list-style-type: none"> • CARES Academic Partners • Agency (CAPRI & CID)
Implementation Period	<i>February 2003 – March 2004</i>
Feb '03	Partner's Orientation Meeting
Apr '03	Media Training
May-Jul '03	Customer Service Training
Jul - Sept '03	Training on Effective Regulatory Administration
Mar '03–Mar '04	Public Confidence Campaign
Oct '03–Mar '04	CARES Power Watch on Regulatory Concerns





Task(s) Name	TRAININGS ON: 1. EFFECTIVE ADMINISTRATION OF A REGULATORY AGENCY 2. MEDIA RELATIONS & MANAGEMENT
Objectives	<p>General Build the capability of the ERC Commissioners and Management towards more systematic/holistic administration and management of a regulatory agency</p> <p>Specific</p> <ul style="list-style-type: none">• Acquire the knowledge and skills required in effectively operating the Energy Regulatory Commission as this applies to energy/technical regulation, human resources and financial management• Provide ERC officials with skills that will result in enhanced government-media relations and more effective delivery of key sector messages to the public.
Sub-Tasks	<ul style="list-style-type: none">• Engage a combination of AED/PA-US consultants &/or training group to design and execute the following training program <i>Module 1:</i> Intensive training program – an administrator’s training will be designed and conducted by AED; will emphasize transfer of basic and advanced knowledge & skills on the effective administration and management of an energy regulatory agency. <i>Module 2:</i> Exchange program – Selected ERC Commissioners and officers will be sent to US energy regulatory agencies (e.g., FERC, state public utility commissions) to be coached and/or to observe and study on a first-hand basis their administration’s approach and practice. <i>Module 3:</i> Job-coaching, where a foreign expert/consultant will provide follow-on intermittent advisory guidance, both in-country (local experts) & via correspondence (foreign experts)• Training design also includes pre-training assessment & analysis, training/participants’ diagnostics and recommendations on next steps for identified gaps/weaknesses. The 3 modules will be sequentially phased, with each succeeding module building on lessons learned from prior event. AED will provide complete logistics support and local training events management• AED will also undertake the logistics & preparations for an ERC-designed Media Training, similar to that conducted for other EPIRA agencies.



Task(s) Name **TRAININGS ON:**
1. EFFECTIVE ADMINISTRATION OF A REGULATORY AGENCY
2. MEDIA RELATIONS & MANAGEMENT

Proposed Experts **Modules 1 & 3:**
 - AED-US: Raj Addepali, Linda Breathitt, Roger Gibian, Frank Creamer)
 - PA-US (Foreign – TBD; Local– Wali Del Mundo, Helen Valderrama, Epictetus Patalinghug)
 - Local Training organizer/event manager
Module 2
 - AED-US (Roger Gibian)
Media Training
 - Agency (CAPRI)

Basic Cost Items

Module 1:	Labor LOE – 3 Foreign Experts LOE – 2 Local Experts Travel & Accommodations for 3 foreign experts Training Training Kits & equipment rental Training venue & meals (5-days/ live-out)
Module 2	Labor LOE of foreign experts/resource persons/trip organizers Training US Travel & Accommodations for 5 ERC officers Cost of meetings in Washington-DC Study visit materials Local W-DC transport
Module 3	Labor Foreign Experts LOE Local Experts LOE
Media Training	Subcontract cost Agency - CAPRI

Timeline	Sub-task	Dates
	Engage training firm	1st wk Jul '03
	Interview/consultation with participants; Results organization and analysis	2 nd wk Jul 3 rd wk Jul



Task(s) Name

TRAININGS ON:

- 1. EFFECTIVE ADMINISTRATION OF A REGULATORY AGENCY**
- 2. MEDIA RELATIONS & MANAGEMENT**

Training Component 1	3 rd wk Jul – 4 th wk Jul
Training Component 2	1 st wk Aug – 3 rd wk Aug
Training Component 3	4 th wk Aug – 3 rd Sep
Evaluation	4 th wk Sep
Media Training	3 rd wk Mar - April '03



Task Name	CAMPAIGN TO IMPROVE PUBLIC CONFIDENCE IN THE ERC	
Objectives	<i>General</i>	<ol style="list-style-type: none"> 1. Raise public awareness on ERC and promote broad participation of concerned stakeholders in addressing policy implementation issues. 2. Promote public confidence in the ERC; and in the performance of its functions in the process of implementing EPIRA.
	<i>Specific</i>	Develop and implement communication strategies that will allow broader discussion and support for new/proposed power policy and regulation
Subtasks	<ul style="list-style-type: none"> • Strategic Thinking – develop the ERC Public Awareness communication plan based on the results of the Technical Needs Assessment and KAP Research Audit Results • Advocacy – generate and mobilize multi-sector support <ul style="list-style-type: none"> ✓ Consumer groups and academe support for “Power Watch” ✓ E-bulletin Board for ERC ✓ Consumer Hotline and Text line for DOE & ERC ✓ Consumer Desk activation in all distribution utilities (DU’s) ✓ Database Management to facilitate complaints, referral & resolution • Media Support through press briefings, news releases, columns, editorials and letters to the ed • Collateral Materials Development 	
Basic Cost Items	<i>Sub-contract Fee</i>	
	Social Marketing Agency - CID	
	<i>Training</i>	
	Social mobilization costs – (forums, work shops, other public events)	
	Cost of Collateral Materials - development, pre-testing, printing and distribution	
Timeline	<i>Sub-task</i>	<i>Dates</i>
	Partner’s orientation meeting	3 rd wk of Mar ‘03
	Communication planning and design	1 st wk Apr
	Collateral Material Development	3 rd wk Apr - Sept
	Inter-agency committee meetings	1 st wk May ‘03 – Mar ‘04



Task(s) Name	CARES POWER WATCH ON EPIRA REGULATORY CONCERNS	
Objective	Facilitate academe-based dialogue between ERC and industry players/consumer groups in order to clarify issues regarding regulatory concerns and obtain public feedback	
Sub-Tasks	<ul style="list-style-type: none"> • Logistics and preparation • Coordination with US-DOE experts in ERC • Co-sponsor three (3) CARES-initiated meetings between ERC and industry players/consumer groups on the following sample concerns: <ul style="list-style-type: none"> ➢ Universal Charges ➢ Missionary Electrification ➢ Removal of cross subsidies 	
Projected Cost	<i>Basic Cost Items</i>	
	<i>Training</i> Cost of 3 public forums (Metro Manila, Metro Cebu & Davao)	
	<i>Labor</i> LOE of 2 Local Resource Speakers	
	Local Travel & Per diem of 2 speakers & 3 AED staff for 2 provincial trips	
Timeline	Sub-task	Dates
	Logistics and preparation	1 st wk Oct '03
	Conduct of forum 1	4 th wk Oct '03
	Logistics and preparation	2 nd wk Jan '04
	Conduct of forum 2	1 st wk Feb '04
	Logistics and preparation	3 rd wk Feb '04
	Conduct of forum 3	2 nd wk Mar '04



ACTIVITY 4

SUPPORT TO NPC IN CHANGE MANAGEMENT



Activity # 4	SUPPORT TO NPC IN CHANGE MANAGEMENT
Partners	NPC
Objectives	<ul style="list-style-type: none"> • Enable the DOE to effectively guide the NPC in strategically repositioning itself towards its EPIRA-mandated roles • Improve DOE and NPC collaboration on EPIRA implementation
Components & Tasks	<p><i>Component 1: Institutional Capacity Building</i></p> <ul style="list-style-type: none"> • Strategic Planning & Implementation Support for NPC • Media and Customer Service Trainings (See DOE-based trainings) <p><i>Component 2: Communications & Social Marketing</i></p> <ul style="list-style-type: none"> • Campaign to Improve Public Confidence in NPC
Expected Results	<p><i>Strategic</i></p> <ul style="list-style-type: none"> • Reduced electricity rates <p><i>Intermediate:</i></p> <ul style="list-style-type: none"> • EPIRA-IRR carried out • DOE Affiliate strengthened
Estimated Cost	\$ 194,570
Proposed Experts & Cooperators:	<p><i>Component 1:</i></p> <ul style="list-style-type: none"> • AIM, SGV or CLCI • Rene I. Lamzon; Felino J. Balce <p><i>Component 2:</i></p> <ul style="list-style-type: none"> • Agency (CID)
Implementation Period	February - March 2004
Mar '03	Partner's Orientation Meeting
Mar - Aug '03	Strategic Planning Support for NPC
Mar '03-Mar '04	Communications Support for NPC





Task Name	STRATEGIC PLANNING SUPPORT FOR NPC	
Objectives	<p><i>General</i> Ensure success in the implementation of NPC's reorganization in line with EPIRA-required reforms</p> <p><i>Specific</i> Advise DOE in effective change management and organizational transition</p>	
Sub-Tasks	<ul style="list-style-type: none"> • Engage a strategic management expert/organization to facilitate pre-planning analysis/meetings, conduct the actual workshop, and advise on the drafting of the NPC strategic business plan; • Provide logistics support for actual SPW event • Engage a local OD expert to facilitate post-strategic planning unit workshops that will translate the NPC Strategic Business Plan into Unit Operational Plans • Engage a local HRD expert that will facilitate employee-level forums to encourage change acceptance & team building • Support the logistics for conduct of unit-level operational planning and employee-level feedback forums 	
Proposed Experts	<ul style="list-style-type: none"> • RFP to be sent out to at least 3 organizations offering "strategic management services" including AIM, CLCI, and SGV. • OD Expert – Rene Lamzon • HRD Expert – Lino Balce 	
Projected Cost	<p><i>Basic Cost Items</i></p> <p><i>Sub-contract</i> Strategic Management Firm</p> <p><i>Labor</i> LOE of OD Expert LOE of HRD Expert</p> <p><i>Training</i> NPC Strategic Planning Workshop - (2 days, live-out, Metro Manila)</p> <p>Cost of Unit level planning workshops and employee-level forums</p>	
Timeline	<i>Sub-task</i>	<i>Dates</i>
	Engage experts	2 nd wk Mar '03
	Pre-planning activities	3 rd wk Mar – 2 nd wk Apr '03
	Logistics and coordination for SPW	1 st to 2 nd wk Apr
	Actual SPW	3 rd wk Apr '03
	Complete NPC Strategic Business Plan	2 nd wk May
	Facilitate employee-level forums	May-July



Task(s) Name	CAMPAIGN TO IMPROVE PUBLIC CONFIDENCE IN NPC	
Objectives	<p><i>General</i> Enable NPC to reposition its orientation and core values as an improved public corporate entity, consistent with its strategic business plan.</p> <p><i>Specific</i></p> <ol style="list-style-type: none"> 1. Promote public confidence in the NPC and in the performance of its functions in the process of implementing EPIRA. 2. Enhance capacity of NPC, especially its consumer relations/affairs unit, to enable them to relate better with consumers/ customers and address effectively customer complaints/concerns. 	
Sub-Tasks	<p><i>External Communications</i></p> <ul style="list-style-type: none"> • Engage Social Marketing agency to prepare communications program & execute communication plan • Customer Service and Media Trainings – see DOE support • Collaterals development <p><i>Internal Communications</i></p> <ul style="list-style-type: none"> • Assistance will be provided via the conduct unit-level and employee level planning workshops and forums under Task on "Support to NPC in Strategic Planning" 	
Proposed Experts	Social Marketing Agency - CID	
Basic Cost Items	<p><i>Sub-contract</i> Social Marketing agency - CID (Max of \$1,000/day * 40 days LOE Equivalents)</p> <p><i>Training</i> Collaterals Development</p>	
Timeline	Sub-task	Dates
	Engage social marketing agency	1 st wk Mar '03
	Conduct Communication campaign	Apr '03 – Mar '04



ACTIVITY 5

REDUCTION OF VEHICLE EMISSIONS (ROVE)



Activity # 5	REDUCTION OF VEHICLE EMISSIONS (ROVE)
Partners	DOTC/LTO, DTI, DENR, MMDA, DOE
Objectives	Contribute to the reduction of vehicle emissions from land transport in Metro Manila by facilitating implementation of the Clean Air Act
Components	<p><i>Component 1: Policy Development & Implementation</i></p> <ul style="list-style-type: none"> • Advisory Support for Development & Implementation of PETC Monitoring & Evaluation Guidelines <p><i>Component 2. Institutional Capacity Building</i></p> <ul style="list-style-type: none"> • On-the-job Training for the Development of Vehicle Road-worthiness Standards <p><i>Component 3: Communications & Social Marketing</i></p> <ul style="list-style-type: none"> • Integrated Communication Program for ROVE • Campaign for Promotion of Alternative Transport Fuels (Philippine Clean Cities Program) • Management of the Regular CAA-Usecs' and TWG Meetings
Expected Results	<p><i>Strategic</i></p> <ul style="list-style-type: none"> • Reduced vehicle emissions • Expanded use of clean fuels <p><i>Intermediate:</i></p> <ul style="list-style-type: none"> • Emission testing centres operational • DOE-private sector collaboration improved • Increased use of alternative fuels for transport • Increased civic action in monitoring & enforcing vehicle emission standards
Estimated Cost	\$ 181,697
Proposed Experts & Cooperators:	<p>Component 1:</p> <ul style="list-style-type: none"> • PA-US Nonato De la Cruz • NGO – to be identified <p>Component 2:</p> <ul style="list-style-type: none"> • PA-US (Foreign: TBD; Local: Rolando Sigua) • Bangkok Metropolitan Authority, US-AEP <p>Component 3</p> <ul style="list-style-type: none"> • CARES Academic Partners – Miriam College • Social Marketing Agencies (CAPRI and CID)
Implementation Period	Feb '03 – Mar '04
	Mar '03 Partners' Orientation Meeting

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Activity # 5

REDUCTION OF VEHICLE EMISSIONS (ROVE)

Mar'03-Mar'04	Development & Implementation of PETC M&E System Guidelines
Mar-June 03	OJT on Vehicle Roadworthiness Standards
Mar '03-May '04	Design & Implementation of Integrated Communication Program
Mar '03- Mar'04	Philippine Clean Cities Communication Campaign
Mar '03-Mar '04	CAA-Usec's & TWG Meetings



Task Name **SUPPORT FOR THE DEVELOPMENT & IMPLEMENTATION OF PETC MONITORING AND EVALUATION SYSTEM GUIDELINES**

Objectives Enable DTI and DOTC to effectively monitor, evaluate, and manage the progress of PETC assessments, accreditation, and operations.

- Sub-Tasks**
- Provision of transportation policy expert to assist DTI and DOTC in drafting the guidelines on PETC monitoring and evaluation
 - Facilitate DOTC & DTI coordination meetings and one (1) public consultation with stakeholders on the monitoring and evaluation procedures
 - Training on the M&E guidelines for participating organizations
 - Publication of the M&E system in newspapers; production of collaterals
 - Logistics/Deployment support for civil society participants in the actual conduct of monitoring and evaluation in Metro Manila

Proposed Expert • PA-US (Local: Donato De La Cruz)

- Basic Cost Items**
- Labor*
LOE for Local M&E Advisor
 - Training*
Public Consultation (Metro Manila)
Pre-implementation training for NGO & other volunteers (2 days, live-out, Metro Manila)
 - Publications*
(1 broad sheet and 1 tabloid)
 - Deployment support (transport, collateral materials, meals, communications logistics)

Timeline	Sub-task	Dates
	Partner's orientation meeting	Mar '03
	Drafting of M&E guidelines	Mar- Mid-April '03
	Inter-agency coordination meetings and public consultation	April- Mid-May '03
	Training on the M&E system	Mid-May '03
	Publication of the guidelines	Mid-May '03
	Deployment/ Actual monitoring of PETCs	End of May '03



Task Name	ON-THE-JOB TRAINING FOR THE DEVELOPMENT OF VEHICLE ROAD-WORTHINESS STANDARDS	
Objectives	<ul style="list-style-type: none"> • Enable DTI to develop a comprehensive vehicle road-worthiness standards • Enable DTI to effectively implement standards for vehicle road-safety and emission compliance 	
Sub-Tasks	<ul style="list-style-type: none"> • Provide an expert to train the DTI staff on development of vehicle road-worthiness standards • Facilitate the conduct of a public consultation on the standards 	
Proposed Expert	PA-US Local Expert - Dr. Rolando Sigua	
Basic Cost Items	<i>Labor</i> LOE for Local Advisor <i>Training</i> - Public consultation (Metro Manila)	
Timeline	<i>Sub-task</i>	<i>Dates</i>
	Engagement of advisor	Mar '03
	Coordinating meetings	Mar – May '03
	Training of DTI personnel & drafting of Standards	April – May '03
	Public consultation on draft standards	Mid-May '03
	Finalize the standards	End-of-May '03



Task Name	INTEGRATED COMMUNICATIONS PLAN FOR ROVE
Objectives	<ol style="list-style-type: none"> 1. Ensure complementary, consistent and synchronized communication plan among the different government agencies involved in ROVE 2. Raise public awareness on the urgency of addressing air quality problems through ROVE
Sub-Tasks	<ul style="list-style-type: none"> • Development and implementation of a ROVE communications plan, consistent with the Clean Air Communications Plan of the CAA implementing agencies, including: <ul style="list-style-type: none"> ○ Supporting the conduct of a "strategic management & planning workshop" among the CAA agencies ○ Implementing a series of activities aimed at "Creating Behavioral And Technical Change Through Increased Awareness Of Maintenance Practices And Conversion From 2 To 4 Stroke Motorcycles" (Support to MIRIAM-PEACE) ○ Involvement of CARES partners in a ROVE Community Watch ○ Media Training for CAA ExeCom Members

Basic Cost Items	<p><i>Sub-contract</i> Social Marketing Agency - CID (Max of \$1,000/day * 30 LOE days-equivalent)</p> <p><i>Training</i> Inter-Agency Coordination meetings 1 Metro Manila strategic planning workshop</p> <p>ROVE Community Watch: - 10 CARES-based forums - Newspaper publication - Collaterals development</p> <p>Support to Miriam PEACE: • 28 RTDs • 4 Provincial Forums (Naga, Cebu, Davao CDO) • 2 Forums (MM and NLuzon) • 1 National Conference • Collateral Materials Development</p> <p>Media Training for CAA ExeCom</p>
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Timeline	Sub-tasks	Dates
	Partner's orientation meeting	2 nd wk April '03
	Strategic Management Workshop	4 th wk April
	ROVE Communications Plan Development	May

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Task Name	<i>INTEGRATED COMMUNICATIONS PLAN FOR ROVE</i>
	ROVE Community Watch Jun '03 – Mar '04
	Support to Miriam Peace Mar '03 – Mar '04
	Media Training 4 th wk April or 1 st wk May
	Inter-agency committee meetings Quarterly



Task Name	CAMPAIGN FOR PROMOTION OF ALTERNATIVE FUELS (PHILIPPINE CLEAN CITIES PROGRAM)	
Objectives	Promote the use of alternative fuels for transport in the country through learning opportunities offered from the experience of the US in the US-DOE Clean Cities Program	
Sub-Tasks	In coordination with US-DOE Clean Cities Program, undertake: <ul style="list-style-type: none"> • Communication campaign for promoting alternative fuels – CNG, LPg, Bio-diesel • Pilot testing activities in selected LGUs – 2 in Luzon (Cavite or Batangas and Marikina) and 1 in either Visayas (Cebu) or Mindanao (Davao) 	
Proposed Experts/Partners	Social Marketing Agency – CAPRI Clean Cities Experts of US-DOE	
Basic Cost Items	<i>Sub-contract</i> Social Marketing Agency (CAPRI) <i>Training</i> Coordinating meetings Clean Cities Workshops for 3 pilot cities Collateral materials development	
Timeline	Sub-task	Dates
	Strategic Planning Workshop for Clean Cities Philippines	2 nd wk May '03
	Clean Cities Piloting Workshops:	
	- Cavite or Batangas	3 rd wk June
	- Marikina	3 rd wk July
	- Cebu or Davao	3 rd wk August
	Collateral Materials Development	4 th wk May
	Provide research assistance to pilot cities	June



Task Name	MANAGING THE REGULAR CAA-USECS' MEETING AND TWG MEETINGS	
Objectives	Provide management support in the conduct of joint activities and info-sharing among various government agencies involved in implementing the Clean Air Act	
Sub-Tasks	Manage the conduct of inter and multi-agency executive meetings and assist the TWG in planning and executing identified activities on vehicle emissions reduction	
Basic Cost Items	Training Inter-agency Coordination Meetings – venue & meals, materials, documentation	
Timeline	Sub-task	Dates
	Inter-agency committee meetings	2x a month (Mar '03-Mar'04)

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ACTIVITY 6

**FACILITATING THE DEVELOPMENT OF THE PHILIPPINE
NATURAL GAS INDUSTRY**



Activity # 6	FACILITATING THE DEVELOPMENT OF THE PHILIPPINE NATURAL GAS INDUSTRY
Partners	DOE, Philippine Congress and Senate
Objectives	<p><i>General</i> Support the DOE in strengthening the policy framework for accelerating investments in the Philippine natural gas industry</p> <p><i>Specific</i> Promote the increased use of natural gas as alternative clean fuel for power and transport end-uses</p>
Components & Tasks	<p><i>Component 1: Policy Development & Implementation</i></p> <ul style="list-style-type: none"> • Development & Passage of Nat Gas Bill • Study on Pricing and Financial Incentives for CNG as Transport Fuel • Advisory Services on the Development of Procedures & Standards for Nat Gas Pipeline Permitting <p><i>Component 2. Institutional Capacity Building</i></p> <ul style="list-style-type: none"> • Enhancement of Legislative Knowledge on Fundamentals of Nat Gas <p><i>Component 3: Communications & Social Marketing</i></p> <ul style="list-style-type: none"> • Integrated Communication Program on the Nat Gas Industry
Expected Results	<p><i>Strategic</i></p> <ul style="list-style-type: none"> • Expanded use of clean fuels <p><i>Intermediate:</i></p> <ul style="list-style-type: none"> • Nat Gas Regulatory Framework Developed • DOE Nat Gas Office strengthened • Increased use of alternative fuels for transport • DOE-private sector collaboration improved • Public awareness and consumer watch groups sustained
Estimated Cost	\$ 543,739
Proposed Experts & Cooperators:	<p><i>Component 1:</i></p> <ul style="list-style-type: none"> • Liza Andres, Connie Ojeda, Ana Uy • Romy Bernardo, Christine Tang • PA-US (TBD) <p><i>Component 2:</i></p> <ul style="list-style-type: none"> • PA-US (TBD) • AED-US (Raj Addepali, Frank Cremaer, Roger Gibian) <p><i>Component 3:</i></p> <ul style="list-style-type: none"> • CARES Academic Partners • Social Marketing Agency - CAPRI
Implementation	



Activity # 6	<i>FACILITATING THE DEVELOPMENT OF THE PHILIPPINE NATURAL GAS INDUSTRY</i>
Period	
Feb '03	Partner's Orientation Meeting
Feb – June '03	Dev't & Passage of Nat Gas Bill
Feb-Mar '03	Study on pricing and financial incentives for CNG
Mar – Apr '03	Procedures & Standards for Nat Gas Pipeline Permitting
Feb – Mar '03	Legislative Briefings on Nat Gas, Malampaya Site Visit, Executive Briefing
May '03	Legislative Nat Gas Study Tour to the US
Aug-Sept '03	Technical & Safety Standards for NGVs & Fuelling Stations Training
Mar'03-May '04	Integrated Communication Program



Task Name	DEVELOPMENT AND PASSAGE OF THE NAT GAS BILL	
Objectives	<i>General</i>	Enable the DOE to formulate a draft Natural Gas Bill that is accepted by Congress and Senate
	<i>Specific</i>	Assist the DOE in technical research, analysis, and provide recommendations on elements/provisions of the DOE – sponsored draft bill
Sub-Tasks	<ul style="list-style-type: none"> • Provide a team of local consultants to advise and assist the DOE in clarifying or resolving various issues related to the Bill, which is now under deliberation at both the HOR and Senate Committees on Energy & their TWGs. Expert outputs will include comments, opinions, discussion papers and presentation materials. Experts will also serve as resource persons in various meetings of Usec. de Dios on the bill with the Congressmen, Senators, and industry stakeholders, as necessary. • AED does not anticipate the Bill to be passed within the PREESM's lifetime. To define the extent of AED assistance to DOE, we have identified "Critical Milestones" to be used as performance measures. The milestones are as follows: <ul style="list-style-type: none"> At the HOR level: <ul style="list-style-type: none"> ○ HOR-COE's TWG report is completed with DOE's inputs and submitted to HOR-COE for deliberation ○ HOR-COE deliberation of the draft bill is completed. At the Senate level: <ul style="list-style-type: none"> ○ DOE's version of the Bill is submitted to the Senate COE. ○ Senate-COE's TWG report is completed with DOE's inputs & submitted to Senate COE for deliberation. 	
	Proposed Experts	PA-US Consultants: <ul style="list-style-type: none"> • Local (Existing) – L.Andres I(Senior), C. Ojeda, A. Uy (Mid-Level) • Local (Additional) – possibly either Nimfa Mendoza or P.Lee U • Foreign – TBD from PA-US
Basic Cost Items	Labor - 2 senior local experts - 2 mid-level local experts	
Timeline	<i>Sub-task</i>	<i>Dates</i>
	Engagement of consultants	Mar '03
	Submission of progress reports by experts	Semi-monthly

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Task Name *STUDY ON PRICING AND FINANCIAL INCENTIVES FOR CNG AS TRANSPORT FUEL*

Objectives

General Enhance the country's energy supply security through fuel diversification using natural gas and promote the use of natural gas vehicles for transport.

Specific Facilitate the entry of private sector investors in CNG facilities by assisting the DOE in formulating an appropriate pricing methodology and appropriate incentives to hasten the use of NGVs using as basis the initial package designed by DOE

Sub-Tasks

Provide experts to:

- assist and orient the DOE in developing a strategic CNG pricing mechanism and compute for suitable CNG price that represents a substantial discount from diesel (i.e. 50% cheaper in term of energy)
- analyze the financial/economic impact of the NGV incentive package initially designed by DOE and recommend the appropriate incentives to extend to the private sector to hasten the use of NGVs
- Analyze the viability of the result of the pricing and incentive study from an international point of view

Basic Cost Items

Labor

- 1 Local Senior Expert (Romeo Bernardo)
- 1 Local Junior Expert (Christine Tang)

Timeline

<i>Sub-task</i>	<i>Dates</i>
Engagement of local experts	Feb '03
Actual conduct of the study	Mar '03
Presentation of results to DOE	Apr '03
Validation study by foreign expert	Apr '03

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Task Name *DEVELOPMENT OF DOE'S PROCEDURES AND STANDARDS FOR NAT GAS PIPELINE PERMITTING*

Objectives Advise the DOE in the development of standards and requirements to be followed in issuing permits for nat gas pipeline developers/investors.

- Sub-Tasks**
- Provide an expert to review and validate the draft standards and procedures prepared by DOE, based on international experience and best practices.
 - Organize a public consultation on the guidelines

Basic Cost Items

Labor
LOE of 1 foreign expert
Int'l travel & local accommodation

Training
Public consultation

Timeline	Sub-task	Dates
	Engagement of expert	Mar '03
	Presentation of results to DOE	Apr '03
	Public Consultation	Apr '03

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Task Name *ENHANCEMENT OF LEGISLATIVE KNOWLEDGE ON FUNDAMENTALS OF NAT GAS*

Objectives
General Increase the level of awareness of various sectors on the Philippine nat gas industry, the fundamentals of industry economics and regulation, and current policy initiatives, including the draft natural gas bill
Specific Increase the level of awareness of the legislators and encourage them to prioritize deliberation and passage of the bill

Sub-Tasks AED proposes the following programmatic approach, to address the needs of both HOR and Senate Committees on Energy (COE), including the executive branch members of the COE's Technical Working Groups (TWG) that undertake preliminary deliberations on the Bill:

1. Half-day Briefings on the Nat Gas Bill for both HOR-COE & Senate-COE
2. On-site Visit of HOR-COE Members to Malampaya Nat Gas Facilities, to be coordinated with SPEX
3. 3-Day Live-in seminar for GOP Executive Branch to orient them on their roles in developing the nat gas industry under the Nat Gas Bill
 - Content Development of the Briefing for Natural Gas – including - coordination with DOE Nat Gas office and Nat Gas experts
 - Logistics for the actual conduct of the event
4. US Nat Gas Study Tour for HOR & Senate-COE Selected Members
 - Logistics & coordination for the US Study Tour
 - Sponsorship of the participants' trip

Proposed Experts Experts for the legislative briefings/3-day seminar:
- AED-US (Raj Addepali, Frank Creamer)
- PA-US (Local- F. Andres, A.Uy, C.Ojeda; Foreign-Still TBD)
Experts for the US study tour:
- AED-US Tour Manager (Roger Gibian)
- Resource Speakers (Still TBD)

Basic Cost Items *Labor*
- LOE of 2 Foreign experts/trainers for Legislative Briefings
- Travel & local accommodation for foreign experts
- LOE for AED Study Tour Organizer
- LOE for various speakers of study tour
- US Domestic Airfare & per diem of AED Tour Organizer/Manager
Training
• 2 Legislative Briefings
• Executive Branch 3-day Nat Gas Seminar
- Venue & Meals



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Task Name	ENHANCEMENT OF LEGISLATIVE KNOWLEDGE ON FUNDAMENTALS OF NAT GAS	
	<ul style="list-style-type: none"> - Seminar Kit - Transport rental - Equipment rental - Event Management Cost • Malampaya On-Site Visit <ul style="list-style-type: none"> - Air + Ground Transport - Local accommodation in Palawan - On-site meeting expenses • US Study Tour <ul style="list-style-type: none"> - Int'l travel & accommodations for congressmen, DOE & AED Local Staff - Study Tour Folio 	
Timeline	Sub-task	Dates
	Briefings for Legislators: For HOR: Pre-briefings & Briefing	Conducted on Jan. 30 & Feb. 5, 2003
	For Senate: <ul style="list-style-type: none"> • Coordination with contact person from among Senate's Chiefs of Staff • Content development and briefing program designing, including materials id and organization • ID of Speakers • Logistical preparation and coordination • Actual conduct • Post briefing work 	3 rd -4 th wk Feb. 4 th wk Feb – 1 st wk Mar 4 th wk Feb. 3 rd wk Feb.-2 nd wk Mar 3 rd wk of March 4 th wk Mar
	3-day Briefing for Executive Branch <ul style="list-style-type: none"> • Content development and briefing program designing, including materials Id and organization, Id of speakers – in coordination with AED Washington and local speakers/consultants • ID and Contracting of Events Management Firm • Logistics and preparation • Conduct of Briefing • Post briefing work Malampaya Site Visit	3 rd wk Feb – 2 nd wk Mar 3 rd wk Feb 3 rd wk Feb – 1 st wk Apr 1 st wk Apr 2 nd wk Apr

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Task Name		
	ENHANCEMENT OF LEGISLATIVE KNOWLEDGE ON FUNDAMENTALS OF NAT GAS	
	• Coordination with SPEX, especially on logistics requirements	2 nd -4 th wk Feb
	• Coordination with HOR's Com. On Energy secretariat for Id of pax	3 rd -4 th wk Feb.
	• Site visit program designing, including travel schedules	3 rd -4 th wk Feb
	• All other logistics preparations	3 rd wk Feb. - 3 rd wk Mar
	• Actual Site Visit	3 rd wk Mar
	• Post Activity assessment	3 rd wk Mar
	US Study Tour	
	1. From AED-US:	
	• Program design for both meetings and site visits finalized	1 st wk Mar
	• Study tour organization, coordination with host institutions and speakers by AED Washington	2 nd wk Mar - 4 th Mar
	• Coordination with host institution for the actual site visits by AED Washington	3 rd wk Mar - 2 nd wk Apr
	• Logistics for meetings, site visits, accommodations, in-country plane reservations, and other administrative matters by AED Washington	2 nd wk Mar - 2 nd wk Apr
	2. From Local AED-Manila	
	• Coordination with all participants re travel requirements and their compliance	3 rd wk Mar - 3 rd wk Apr
	• Coordination with DOE's Usec. De Dios on the preparations/changes	3 rd wk Mar - 4 th wk Apr
	• Coordination with AED Washington on status of all preparations	3 rd wk Mar - 2 nd wk May
	• Travel briefings and related logistics requirements like plane reservations	2 nd wk Apr - 1 st wk May
	• Study tour Proper	May 11-22
	• Post study work	4 th wk May



Task Name **INTEGRATED COMMUNICATION PROGRAM FOR PROMOTION OF THE PHILIPPINE NATURAL GAS INDUSTRY**

Objectives

General Promote the development of the natural gas industry by raising the level of awareness and acceptance of natural gas among the general public, transport sector, industry players and investors.

Specific Generate investor interest in natural gas industry development by promoting investment opportunities in both upstream and downstream sectors.

Promote natural gas vehicles (NGVs) as a positive response to improve air quality.

Format and Components

Provide advisory and implementation support in:

- Strategic communication plans for the following–
 - ✓ *Natural gas investment promotion*
 - ✓ *Natural gas vehicles*
- Advocacy work –
 - ✓ *ROVE Community Watch - Public awareness and participation plan for consumers/rider and public transportation owners and drivers*
 - ✓ *Promotion of the Philippine nat gas industry in the World Gas Conference in Tokyo, June 2003*
- Collateral materials development technical writing, copy editing, layout design, pre-testing, executive editing, & publication
 - ✓ *Natural gas industry investment promotion prospectus*
 - ✓ *NGV Primer and Handouts*
 - ✓ *CDs, audio-visual production*

Proposed Experts

Social Marketing Agency - CAPRI

Basic Cost Items

Sub-contract

Social Marketing Agency - CAPRI

Training

Social mobilization Costs for ROVE Community Watch – See ROVE costs

Collateral materials development

World Gas Conference

- Participation cost of 2 DOE officers



Task Name ***INTEGRATED COMMUNICATION PROGRAM FOR PROMOTION OF THE PHILIPPINE NATURAL GAS INDUSTRY***

Timeline	Sub-task	Dates
	Partner's orientation meeting	Mar '03
	Engage agency	Mar 03
	Investment materials development	Feb- May 03
	Natural gas vehicle materials development	April – Jul 03
	World Gas Conference	1 st wk June
	Social Mobilization	Jun 03 – Mar 04



ACTIVITY 7

ADVANCING THE UTILIZATION OF RENEWABLE ENERGY



Activity # 7	ADVANCING THE UTILIZATION OF RENEWABLE ENERGY
Partner	DOE
Objectives	<ul style="list-style-type: none"> • Support the DOE in strengthening the policy framework for accelerating investments in the Philippine renewable energy sector • Promote the increased use of renewable energy as alternative clean fuel for power
Components & Tasks	<p><i>Component 1: Policy Development & Implementation</i></p> <ul style="list-style-type: none"> • Review and Analysis of the Draft RE Bill • Round-table on the Draft RE Bill <p><i>Component 2: Communications & Social Marketing</i></p> <ul style="list-style-type: none"> • Mindanao Forum on the Promotion of LGU/NGO/Private Sector Collaboration in RE Projects
Expected Results	<p><i>Strategic</i></p> <ul style="list-style-type: none"> • Expanded use of renewables <p><i>Intermediate:</i></p> <ul style="list-style-type: none"> • RE Bill supported • Private sector partnerships for RE encouraged
Estimated Cost	\$ 103,313
Proposed Experts & Cooperators:	<p>Component 1:</p> <ul style="list-style-type: none"> • Vicky Lopez, Arlene Lafrades, or Wali Del Mundo • Philippine Renewable Energy Advocates, Inc. (PHILREA) <p>Component 2:</p> <ul style="list-style-type: none"> • Vicky Lopez, Arlene Lafrades, or Wali Del Mundo • YAMOG • AMORE, USAID-GEM
Implementation Period	
April '03	Partner's Orientation Meeting
Jun-Aug '03	Review of the Draft RE Bill
Jun-Sept '03	Mindanao RE Forums



Task Name	REVIEW & ANALYSIS OF DRAFT RE BILL	
Objectives		
<i>General</i>	Enable the DOE to develop a comprehensive RE bill	
<i>Specific</i>	Provide inputs to DOE-EUMB in the refinement of the draft RE Bill.	
Sub-Tasks	<ul style="list-style-type: none"> Engage two (2) local and one (1) foreign expert to review the draft Bill and provide recommendations based on theoretically accepted principles and best practices in other countries. Organize a roundtable discussion among RE experts/practitioners on the draft bill in Metro Manila 	
Proposed Experts	<ul style="list-style-type: none"> Any of the following local experts: Wali del Mundo, Arlene Lafrades, Vicky Lopez CARES Network, possibly UP-NEC Cooperator – Phil. RE Advocates, Inc (PHILREA) 	
Basic Cost Items	<p><i>Labor</i> LOE of 2 Local Experts</p> <p><i>Training</i> Cost of Event Management Cost of roundtable discussion</p>	
Timeline	Sub-task	Dates
	Engagement of experts & event manager, Coordination with PHILREA	Jun '03
	Logistics and coordination	July '03
	Submission of experts' deliverables to AED	August '03
	Conduct of public forum	August '03
	AED submits RE Bill analysis to DOE	August '03



Task Name *MINDANAO FORUM ON "PROMOTION OF LGU/NGO/PRIVATE SECTOR COLLABORATION IN RE PROJECTS"*

Objectives

General Support the DOE's thrust to encourage private-public partnership in the development of RE projects in Mindanao

Specific Assist DOE in the conduct of a promotional forum in Mindanao to promote LGU/NGO/private sector collaboration on RE projects

Sub-Tasks

- Coordinate with AMORE to co-sponsor/co-organize the forum in support of AMORE's investment promotion activities
- Engage an events management firm to design & execute the stakeholder forum and facilitate the actual conduct of the event
- Monitor and facilitate follow-on discussions/meetings between or among interested stakeholders

Proposed Experts

- Any of the following: Wali Del Mundo; Arlene Lafrades, Vicky Lopez
- Event Management - c/o YAMOG or CARES - Ateneo de Davao

Basic Cost Items

Labor
 - LOE for 2 Local Resource Persons
 - Travel & Accommodation

Training
 Events Management
 Cost of Mindanao Forum

Timeline

<i>Sub-task</i>	<i>Dates</i>
Preparatory meetings	June '03
Engage of Experts & CARES-Events Manager	July '03
Logistics/preparations	July-August '03
Actual conduct of the forums	Aug-Sept '03



ACTIVITY 8

PREESM PROGRAM MANAGEMENT



Activity # 8	<i>STRENGTHENING PREESM PROGRAM MANAGEMENT</i>
Objectives	<ol style="list-style-type: none"> 1. Enable the local AED team to effectively plan, design, implement, and monitor the impact of the various activities of the program 2. Facilitate the sharing of information & knowledge from the program's various activities to sector stakeholders.
Components	<ul style="list-style-type: none"> • Publication of Technical Needs Assessment Report • Energy Sector Survey of Knowledge, Attitudes and Practices (Research Audit) • Development & Maintenance of PREESM Website • Production of PREESM Collaterals: Primer, Informational Video & Exhibit Materials • Staff Training on Workshop & Meetings Facilitation • Staff Team-Building Workshop • Staff Mid-Program Performance Evaluation Workshop • Staff End-of-Program Performance Evaluation Workshop • Two (2) USAID/NEDA Program Implementation Reviews • Participation in Energy Week • CARES "Power Watch" Summit
Proposed Experts	<ul style="list-style-type: none"> – TNA Publication (Wali Del Mundo) – Research Audit (Pulse Asia) – Website (Rodel Pagui) – Publishing House (TBD)
Estimated Cost	\$ 120,000
Implementation Period	Mar '03 – Mar '04
Mar-May '03	Publication of TNA Report
Mar '03	Research Audit
Mar-June '03	Development & Maintenance of PREESM Website
Mar-May '03	Development of PREESM Collaterals
April '03	Staff Team-Building Workshop & Training on Facilitation of Meetings & Workshops
June or July '03	Staff Mid-Program Performance Evaluation Workshop
May '04	Staff End-of-Program Performance Evaluation Workshop
Apr/Nov/Dec 03	Participation in Earth Day, Clean Air Month, and Energy Week
Dec '03	CARES Power Watch Summit
Jun'03/Dec '03	USAID-NEDA Program Implementation Reviews



PROPOSED BUDGET:

The overall budget for the entire set of activities and tasks, including AED's management and office costs, amounts to \$2.9 Million. The details on a per activity basis are provided in the succeeding pages.

As requested by USAID, a special projects fund has been set aside to cover the expenses of prospective priority activities that are not identified in this plan, but which may arise in the course of the program.



ANNEX 4

Summary Description of EETP Completed activities



Page No.	Task Name
2	Advisory Support in the Analysis and Review of the Draft Nat Gas Bill
3	8 th International Conference and Exhibition on Natural Gas Vehicles & USAEP-Sponsored Seminar on Natural Gas Vehicles
4	Technical Needs Assessment (TNA) of the Philippine Energy Sector
6	Development of PETC Monitoring and Evaluation System Guidelines
7	Strategic Evaluation of EPIRA Implementation
8	"Clean Air Now" Initiative
9	On the Job Training (OJT) for Competency of DTT's Private Emission Testing Center (PETC) Assessors - Phase II
10	Support to DOE USec De Dios' US Trip to Natural Gas and Power Sector Investment Promotion Program
11	Policy Dialogue on Private Emission Testing Centers (PETC) for DTT's Regional Directors
12	Partnership for Clean Air Transportation Exhibition and Forum
13	Development of EETP Work Plan
15	Participation in the DOE's Energy Week Celebration
16	Technical Evaluation of the Philippine Nat Gas Vehicle Program for Public Transport
17	1 st USAID Energy and Clean Air Program Progress Implementation
18	Energy Week - Technical Forum on Compressed Natural Gas
19	1 st Executive Forum on Issues and Future of EPIRA: Privatization of the National Transmission Company (TRANSCO)
20	"The Philippine Natural Gas Industry: Vision, Strategy & Policy" - A Briefing for the GOP Members of the Congress' House of Representatives-Technical Working Group (TWG)
21	DOE Hosting of the 2002 APEC Conference on Microeconomic Reforms in the Electric Supply Industry
22	Organizational Development Support for the NPC's EPIRA-Mandated Reorganization
23	DOE Participation in the 2002 Regional Workshop on Better Air Quality (BAQ) in Asian and Pacific Rim Cities
24	"was Ueck" Information Campaign
25	Power Briefing for Semiconductors & Electronics Industries in the Philippines, Inc. (SEIPT)
26	Pricing & Financial Incentives Study for Compressed Natural Gas (CNG) as Transport Fuel
27	DOE Briefing for Members of the HOR- Committee on Energy
28	Integrated Communication Program on the Nat Gas Industry - Development of Philippine Nat Gas Industry Investment Promotion Kit
29	Research Audit on Philippine Energy Sector Knowledge, Attitudes, and Practices (KAP)
30	USAPANG TRIKE - MOU with MIRIAM PEACE on Integrated Communication Plan for Reduction of Vehicle Emissions (RoVE)
32	DOE's Planning Workshop on the Mission Electrification Development Plan (MEDP)
33	DOE-EPIMB's Strategic Assessment & Planning Workshops
34	Seminar on Power Supply Contracting for Electric Cooperatives in Panay Island, Visayas Power Grid
35	Communication Training for ERC Commissioners and Directors
36	Production of Energy Environment Training Program Brochure
37	Development of a "Power Tracker" (EPIRA) Monitoring & Evaluation System)
38	Technical Assistance to DOE-EPIMB in Developing the DOE Report to the Joint Congressional Power Commission (JCPC)
39	Advisory Support for "Harmonizing the Wholesale Electricity Spot Market (WESM) Rules, and the Philippine Grid and Distribution Codes (PGDC)", and Conduct of Nine (9) Roundtable Discussions for Harmonizing the Wholesale Electricity Spot Market (WESM) Rules & the Philippine Grid & Distribution Codes (PGDC)
41	Public Consultation Meeting on the Implementation of the Merabon Refund to Electricity Consumers
42	Production of Power Communication Brochure
43	Briefing for High-Level GOP Officials on the Nat Gas Industry
44	Familiarization and Deployment Workshop for the PETCALTO-MVIS Monitoring Team
45	3-Day Seminar for GOP Officials on the Nat Gas Industry
46	Public Briefing on Climate Change and Tricycles
47	Seminar Forum on Coco Methyl Ester (CME) in Petroleum Diesel Fuel: A Cleaner Alternative Fuel for the Land-Based Transportation Sector
48	Support to DOE's Investment Promotion Campaign at the World Gas Conference in Tokyo, Japan
49	Consumer Education Roundtable Discussion: "Power to Electricity Consumers"
50	Workshop on "Managing Power Supply Contracts & Financing Rehabilitation and Expansion Projects"
51	Review and Analysis of House Bill No. 5771 - Draft Renewable Energy
52	NASECORE Forum on "Power Issues & Opportunities for Consumer Empowerment Under EPIRA"
53	Power Communication Forum: A Working Grid to Address the CNP Challenge
54	Communication Program to Address the Cebu-Negros-Panay (CNP) Power Challenge
55	Clean Air Act Operational Planning Workshop
56	Management of the Regular USec's Meeting for Implementation of the Clean Air Act



Task Name: Advisory Support in the Analysis and Review of the Draft Nat Gas Bill

Type of Activity: Policy Implementation

Period Undertaken: October 1, 2002 – June 2, 2003

Experts:

- Ms. Flordeliza Andres
- Atty. Ana Lea Uy
- Atty. Concepcion Ojeda

EETP provided support to DOE in its efforts to pass the Natural Gas Bill (HB 4754) in Congress. Three consultants were engaged to provide technical assistance to DOE's Natural Gas Office. The activities of the consultants were focused on the following:

- Providing expert advise to DOE during discussions in the regular meetings of the House of Representatives Committee on Energy (HOR-COE) Technical Working Group (TWG);
- Research on related laws and issues within the natural gas bill;
- Preparing discussion papers and analysis of options on issues raised by Usec de Dios and the TWG participants;
- Content development and actual conduct of briefings on the Nat Gas Bill
-

The Program completed its assistance to DOE in the HOR level after the bill was passed on its third reading by the COE. Final output of the COE was a revised substitute bill, HB 5845, replacing HB 4754.



Task Name: 8th International Conference and Exhibition on Natural Gas Vehicles & USAEP-Sponsored Seminar on Natural Gas Vehicles

Type of Activity: Institutional Capacity-Building

Period Undertaken: October 6-10, 2002

To kick-off the DOE's Natural Gas Vehicle Program for Public Transport (NGVPPT), EETP provided international training funding assistance to DOE and California Bus Lines (CBL). Three DOE officials and two CBL Officers were sponsored to attend the 8th International Conference and Exhibition on Natural Gas Vehicles in Washington, D.C. on October 6-10, 2002 and participate in a US-AEP/Clean Cities Program-sponsored 2-day seminar on Natural Gas Vehicles (NGV). The conference delegates/training participants were from:

DOE:

- Asst. Sec. Francis Benito
- Dir. Teresita Borra, Energy Utilization Management Bureau
- Mr. Clovis Tupaz, OIC, Conventional Energy Division

California Bus Lines:

- Mr. Dionisio Llamas, President
- Mr. Edwin Cutiongco, Vice-President

USAID/EETP:

- Atty. Cecil Dalupan, USAID-OEM
- Arlene P. Donaire, EETP-DCOP

The Conference highlighted the role that natural gas vehicles can play in addressing environmental and energy issues with advanced technologies and innovative solutions. It included both plenary and concurrent sessions designed to provide the latest information on NGV activity in countries around the world, state-of-the-art vehicle and fuelling technology as well as policies and strategies for sustainable commercial success. Attendance to the conference also enabled the Philippine delegation to network with NGV industry suppliers, and practitioners from all the US, Europe, Asia and Latin America.

The 2-day NGV seminar provided the delegation with a comprehensive introduction to the technology, economics and operational aspects of developing an NGV program, covering both NGVs and fuelling facilities, based largely on US experience. Conducted by the NGV Institute based in Nevada State, it was also participated in by participants from India, who shared their implementation lessons in launching their own NGV program in New Delhi.



Task Name: Technical Needs Assessment (TNA) of the Philippine Energy Sector

Type of Activity: Program Management

Period Undertaken: October 15-29, 2002

Experts:

- Mr. Horace Crowe – Training Specialist, Lead Consultant
- Mr. Rowaldo del Mundo – Energy Policy Specialist
- Ms. Arlene Lafrades – Energy Policy Specialist
- Soluziona Phil – Social Marketing Consultants led by Mr. Alex Ablaza

Under the program's transition plan, one of the priority tasks that needed to be completed immediately was an overall work plan that would enable the EETP to respond effectively to its partner agencies' needs. In developing this work plan, it was necessary to obtain accurate information and understanding of issues, gaps, barriers, and opportunities that confronted the energy-environment through a technical needs assessment (TNA), which is a thorough and systematic environmental scanning of the sector, involving interviews and discussions with EETP's GOP partners.

The TNA sought:

- to define key issues and concerns of the sector, determine needs for capacity and competency building, and to assess reform prospects;
- to identify the technical, training and communication needs of the GOP agencies;
- to classify these needs as policy, technology or organizational development requirements of the legislation/policy being implemented or promoted (i.e. EPIRA, Nat Gas Bill, RE Bill and Clean Air Act); and
- to draw up the elements of practical but lasting solutions to the identified needs.

The TNA meetings were conducted with the following GOP agencies on the following dates:

Date	GOP Agency	Unit(s)	Area of Focus
15 October	DOE	Office of Usec. Del Callar	EPIRA
15 October	DTI	Board of Investments	RoVE
16 October	DTI	Various divisions	RoVE
16 October	DTI	Bureau of Import Services	RoVE
17 October	DOE	Office of Usec. De Dios	Nat Gas
17 October	ERC	USDOE Consultants	EPIRA
17 October	ERC	Various Divisions	EPIRA
18 October	ERC	Commissioners	EPIRA
18 October	TRANSCO	Human Resource (HR)	EPIRA
21 October	NPC-SPUG ¹ , TRANSCO	Corporate Planning, Finance	EPIRA
21 October	DOE	Office of Asec. Benito	RE
23 October	DOTC	Road Transport Planning Division	RoVE
23 October	DENR	Various Divisions	RoVE

¹ NPC – Strategic Power Utilities Group



Date	GOP Agency	Unit(s)	Area of Focus
25 October	DTI	Office of Usec. Cristobal	RoVE
25 October	DTI	Industry Planning Department	RoVE
25 October	PSALM	HR, Information Technology, Finance	RoVE
28 October	DOE	Office of Mon Oca	RE
29 October	DOTC-LTO ²	Office of Ramon Cuyco	RoVE

Aside from exploratory meetings, the Team also conducted interviews and disseminated TNA questionnaires, which were accomplished by key personnel of the partner agencies.

Results of the TNA, including the TNA process, were compiled into a *Sector Assessment Report*, the draft copy of which was submitted to AED-Manila by the TNA consultants on 29 November 2002. The draft Report summarized the needs and recommended next steps that were developed with the partner GOP agencies. Between December 2002 and January 2003, the AED TNA team conducted several coordination meetings to analyze the results of the report as part of the EETP work planning process. In February 2002, the report was presented to USAID.

Technical re-writing/editing and graphics work is ongoing to publish the report as a sector reference document. R.Del Mundo and a copy/writer editor, Marie Marciano, are doing the re-write. The reference document is expected to be completed before end of September 2003.

² LTO – Land Transportation Office

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Task Name: Development of PETC Monitoring and Evaluation System Guidelines

Type of Activity: Policy Development and Implementation
Period Undertaken: November 2002 – July 2003
Experts: Engr. Donato De la Cruz
MIRIAM PEACE

EETP assisted the Department of Transportation and Communications (DOTC) in developing a responsive monitoring system for PETCs that ensures transparency, accountability, and stakeholder participation. Following a process of stakeholder consultation, focused-group discussions, intensive collaboration between concerned government agencies, and expert guidance, the monitoring system guidelines were finally adopted by the DOTC/LTO, DTI, and DENR under a Joint Administrative Order (JAO) that will be signed by the respective Secretaries of the three agencies. The DENR-DOTC-DTI Joint Administrative Order: "GUIDELINES AND PROCEDURES FOR THE MONITORING OF ACCREDITED AND AUTHORIZED PRIVATE EMISSION TESTING CENTERS (PETC) AND LTO EMISSION TESTING ACTIVITIES" was finalized last July 2. DENR Secretary Elisea Gozun signed the JAO last July 22 and has taken it upon herself to seek the signatures of DOTC Secretary Leandro Mendoza and DTI Secretary Mar Roxas. It is expected that the JAO will be signed by all parties on the first week of August.

Under this activity, EETP engaged a local transportation expert, Engr. Donato Dela Cruz to provide expert advice and technical direction in the finalization of the PETC monitoring guidelines. Mr. Dela Cruz was instrumental in providing more detailed technical content on the guidelines as well as facilitating the discussions of a small technical working group composed of the DENR, DTI, DOTC, EETP/USAID that drafted/reviewed the guidelines and PETC-JAO.

The PETC public consultation & workshop that was organized jointly by DOTC and EETP and held in January 14, 2003 at the DOTC Multi-Purpose Hall was participated in by transport sector representatives. It was conducted to ensure that possible issues arising from the operation of PETCs, particularly on the integrity of the emissions testing program, can be aired and addressed. The workshop resulted in the gathering of valuable inputs for the proposed monitoring guidelines in the form of experiences, anticipated problems and issues, status of current system, proposed improvements and commitment of cooperation and support.

Following the public consultation, EETP through Miriam Public Education and Awareness Campaign for the Environment (Miriam PEACE), organized in March 3, 2003, a focused group discussion (FGD) at the Miriam PEACE Multi-Media Room, to integrate and review the Jan 14th workshop results with the draft PETC monitoring guidelines. The FGD was composed of representatives from the DENR, DTI, DOTC, PETC representatives, academe and USAID. The FGD formatted the guidelines into a department order



Task Name: Strategic Evaluation of EPIRA Implementation

Type of Activity: Policy Implementation

Period Undertaken: November 2-5, 2002

Experts: Dr. Fernando Y. Roxas, Phil. Power Sector Reforms Specialist
Atty. Ramon Chingcuangco, Phil. Power Sector Reforms Specialist

EETP facilitated the conduct of a joint DOE & USAID meeting on the “*Strategic Evaluation of EPIRA Implementation*”. The meeting, jointly chaired by DOE’s Usec Del Callar and USAID’s Ms. Rosario Calderon, was held on 4 November 2002, at the Conference Room of DOE Usec del Callar. It was also attended by USAID’s OEM Team, AED’s COP & DCOP, USDOE Advisors in ERC (Dr. Larry Blank, Ms. Divina Chingcuangco), and the DOE-EPIMB.

The purpose of the meeting was to assess and evaluate the status of the implementation of the Electric Power Industry Reform Act (EPIRA) vis-à-vis targets and timeline prescribed in Republic Act 9136. It also aimed to identify issues and problems confronting the GOP agencies in implementing the said legislation, and come up with recommendations to resolve such issues and problems. Information & recommendations generated from the meeting served as additional inputs to the EETP’s work plan activities on EPIRA.

EETP’s energy policy experts, Dr. Fernando Y. Roxas and Atty. Ramon Chingcuangco, were engaged to present their evaluation and recommendations on various issues concerning the EPIRA implementation. USAID contractors from the US Department of Energy (USDOE) namely, Dr. Larry Blank and Ms. Divina Chingcuangco, were invited to give their observations and insights as well as their recommendations to resolve identified regulatory issues and concerns.



Task Name: "Clean Air Now" Initiative

Type of Activity: Communication & Outreach

Period Undertaken: November 12, 2002

Service Provider: MIRIAM PEACE

EETP supported Miriam PEACE's initiative in conducting a Public Awareness Forum and Workshop, dubbed "Clean Air Now", last November 12, 2002 at the Environmental Science Institute, Miriam College, Katipunan Ave., Quezon City, to about 300 members of the "Schools for Clean Air" (SCA), members of civil society, government agencies and legislators. The forum and workshop, which was also supported by Citizens' Coalition Against pollution (COCAP) and the DENR, provided a venue for the continued information dissemination on the impacts, status and activities in support of the CAA. Following the forum, the participants conducted a street campaign outside of the Congress Building, in Batasan Hills and dialogue with congress/legislators. This action contributed to the suspension of discussions of a controversial joint resolution by Congress that sought to defer implementation of Section 26 of the Clean Air Act – which mandates cleaner Fuel Quality Standards.

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Task Name: **On the Job Training (OJT) for Competency of DTI's Private Emission Testing Center (PETC) Assessors – Phase II**

Type of Activity: **Policy Implementation & Institutional Capacity-building**

Period Undertaken: **November 14 – December 20, 2002**

This Phase II-PETC OJT is a continuation of USAID's support to the DTI's nationwide assessment of PETCs by providing mobilization support. Phase I was assisted under EETP's predecessor, PCCMP. Under Phase II, a total of 26 DTI regional assessors were trained, resulting in 39 additional PETC assessments nationwide. This incremental assessment activity brought the total number of accredited PETCs to 78 with 155 service lanes, or close to 60% of the requirement of the Land Transportation Office (LTO). The regional assessments also served as a venue for increased cooperation between the local DTI and LTO offices along with the private sector through partnerships with the Automotive Industry Board Foundation, Inc. (AIBFI) and the Chamber of Automotive Manufacturers of the Philippines, Inc. (CAMPI). Members of these private institutions provided expert advice and assessment assistance to DTI. The rapid accreditation and authorization of PETCs especially in the priority areas (NCR, Regions 3 and 4) was instrumental for the nationwide implementation of mandatory emissions testing prior to registration as mandated by RA 8749 or the Clean Air Act of 1999.

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Task Name: Support to DOE Usec De Dios' US Trip on Natural Gas and Power Sector Investment Promotion Program

Type of Activity: Policy Implementation

Period Undertaken: November 17-22, 2002

EETP provided funding support to the DOE for the Natural Gas and Power Sector Investment Promotion trip of Usec. Jocot de Dios in Washington, D.C. Usec De Dios met with various US investors and government agencies like the USAID, USDOE, FERC, NARUC, Dept. of Transportation, and Minerals Management Service, to present the status and plans for the emerging Philippine natural gas industry, the developments in the implementation of the Philippines' Electric Power Industry Reform Act (RA 9136 and its IRR), and the 2003-2012 Philippine Energy Plan.

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Task Name: Policy Dialogue on Private Emission Testing Centers (PETC) for DTI's Regional Directors

Type of Activity: Policy Implementation/Institutional Capacity-Building

Expert: Christine Reyes, Process Facilitator

Period Undertaken: November 25-27, 2002

In response to the Department of Trade and Industries' (DTI) expressed need to decentralize the PETC accreditation scheme, EETP provided planning and logistics support for the conduct of a workshop for DTI's Regional and Provincial Directors (RDs and PDs) last November 25-27, 2002 at the Asian Institute of Management, Makati City. The workshop, which was participated in by 100 Regional and Provincial DTI Directors, discussed DTI's policies and procedures for the accreditation of Private Emission Testing Centers (PETCs). The workshop enabled the officers of regional and provincial DTI offices to agree on next steps that would fast track the PETC accreditation process nationwide.

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Task Name: Partnership for Clean Air Transportation Exhibition and Forum

Type of Activity: Communication & Outreach

Period Undertaken: November 30, 2002

EETP partnered with the Partnership for Clean Air (PCA) – a public-private clean air coalition, of which the USAID is a member, in the conduct of an exhibit on clean air initiatives and a forum/ workshop for public utility vehicle owners, operators, and drivers to discuss and reach consensus on their concerns and recommendations regarding the implementation of the Clean Air Act provisions. The event, which was participated by over 100 transport operators and drivers, was held at the World Trade Center, Roxas Blvd., Manila.



Task Name: Development of EETP Work Plan

Type of Activity: Program Management

Period Undertaken: December 1, 2002 – March 14, 2003

Upon completion of the draft TNA Report or the “Sector Assessment Report” on 29 November 2002 by the AED consultants, AED’s PMT proceeded to draft the EETP Detailed Annual Work Plan. In lieu of conducting a formal planning workshop, the team opted to develop the work plan over a period of several weeks, following a systematic process that would both train local staff on proper planning and budgeting as well as ensure full staff participation and commitment in the resulting draft work plan document.

Following steps were undertaken leading to USAID’s approval of the work plan in March 2003:

Step 1 - Preparation of a long list of activities for each of the Program’s focus areas: EPIRA, Nat Gas, RoVE and RE. Inputs to the long list were considered from the following: (1) USAID’s Strategic Results Framework, (2) DOE’s Priority Areas, (3) TNA Results, (4) PCCMP’s Continuing Concerns, (5) AED Technical Approach, and (6) AED’s Contracted Scope of Work. By January 6, 2003, AED had submitted to USAID, the long list for its initial review.

Step 2 - Short-listing of activities, where AED considered the policy directives of the President Gloria Macapagal-Arroyo and the priorities of USAID’s Office of Environmental Management (OEM) and developed a set of short-listing criteria to identify which activities would best address GOP agencies’ needs and at the same time, achieve program goals. In addition, as part of the short-listing review process, EETP conducted a series of GOP Partner – USAID meetings, which aimed to:

- Obtain GOP partners’ reaction and confirmation on the identified priority activities;
- Secure GOP partner’s commitments for jointly implementing the priority activities with EETP; and
- Agree on necessary revisions, additions, & next steps.

The GOP Partners’-USAID meetings were conducted with the following agencies on the following dates:

Date	Agency	Unit/Person
16 January 2003	ERC	Commissioners
22 January	DOE	Office of Usec. Cyril del Callar, Electric Power Industry Administrative Bureau (EPIAB)
22 January	DOE	EUMB-Non-Conventional Energy Division (NCED)
27 January	NPC, TRANSCO & PSALM	Training & HR Department Heads
27 January	DOE	Office of Usec. Jocot de Dios, Nat Gas Office

Step 3 – Internal planning & budgeting sessions, where AED’s team developed the individual operational plans and budgets for each prioritized activity, based on the outcomes of the

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partner meetings and its own assessment of GOP's priority needs. A series of mini-planning workshops were held by the staff in February 2003 to review all the concepts/scope of work for the short-listed tasks, evaluate their impact on program goals, identify all expert and budgetary requirements, and to formulate the program's overall budget and timelines.

By 1st week of March, a draft detailed EETP work plan was submitted to USAID for review. On March 14th, USAID-OEM approved in principle the EETP work plan, with the qualification that AED would submit to USAID detailed scopes of work, consultant resumes, and more detailed task-level budgets prior to activity implementation.



Task Name: Participation in the DOE's Energy Week Celebration

Type of Activity: Communication & Outreach

Period Undertaken: December 3-9, 2002

EETP participated in the DOE's celebration of its annual Energy Week with the theme, "Empowering the Filipino through the Use of Renewable Energy". The event, which was held at the Energy Center Grounds, Fort Bonifacio, Taguig was highlighted, among others, by the ceremonial "switch-on" of 603 electrified barangays, awarding of cheques to electric coops for the barangay electrification program, awarding of certificates of appreciation to the LPG industry association, launching of "Enerxtext 2920", energy labelling for compact fluorescent lamps, anti-idling campaign, & fuel economy rating labelling program, and a renewable energy(RE) village outdoor exhibit. For the RE exhibit, DOE set up an outdoor renewable energy village that showcased various RE programs and projects conducted by different organizations and agencies in the country. EETP's participation in the event was mainly in leading USAID cooperators in setting up a USAID exhibit booth. The USAID booth featured its Philippine USAID programs in the area of renewable energy (RE). Participating USAID cooperators were USDOE, NRECA, IPC, and Ateneo-Manila Observatory/CCIC. EETP also provided logistics support to the Philippine Renewable Energy Advocates, Inc. (PHILREA), an NGO, where the DCOP-A.Donaire is Vice-President, in conducting a forum on "Renewable Energy Technology Updates" last December 3 at the DOE Audio Visual Room.. The forum featured presentations by experts and practitioners of new and renewable energy, specifically on photovoltaics & light emitting diode systems, hybrid wind systems, mini-hydro systems, and fuel cell technology.





Task Name : Technical Evaluation of the Philippine Nat Gas Vehicle Program for Public Transport

Type of Activity: Policy Implementation
Period Undertaken: December 3, 2002 – January 31, 2003
Expert: Dr. John Ingersoll

Dr. John Ingersoll, an expert in NGV industry planning and implementation, was engaged by EETP to provide technical assistance to DOE in the evaluation of the Philippine Natural Gas Vehicle Program for Public Transport (NGVPPT). He was in-country from December 3 – 15, 2002 to conduct a technical analysis the NGVPPT and provide alternatives/advise on how to properly implement the program. During his engagement, he met with various organizations/agencies involved in the program such as DBP, Land Bank, California Bus Lines, RRCG Transport, ADB, DTL, DOE, Local Government of Batangas, etc. He likewise provided an orientation/briefing on the operations of an NGV industry to DOE's project team members. His final output was a comprehensive study of the Philippine NGVPPT, which covers his evaluation of the program, what can be done given the timeline set by the government, and some suggestions on how to implement the NGV program based on best practices from other countries.

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Task Name: 1st USAID Energy and Clean Air Program Progress Implementation Review

Type of Activity: Program Management

Period Undertaken: December 4, 2002

EETP facilitated/organized the conduct of the 1st *Energy Environment and Clean Air (EECA) Program Implementation Review Meeting* between the NEDA and USAID. The meeting was held on December 4, 2002 at the Kamia Room, EDSA Shangri la Hotel, Mandaluyong City. The meeting, jointly chaired by the DOE and the USAID, was held for the purpose of:

- Reviewing and assessing the progress of USAID's EECA Program implementation;
- Presenting to and updating the National Economic and Development Authority (NEDA) of the status of the implementation of the EECA Program; and
- Identifying and determining program priorities, areas of collaboration and action steps.

A total of 37 participants, which included USAID, its GOP partners and contractors/cooperators, attended the event. Participating GOP partners were: DOE, NEDA, National Electrification Administration (NEA) and Metro Manila Development Authority (MMDA). USAID contractors and their corresponding programs are:

- Academy for Educational Development (AED) - EETP
- US Department of Energy (USDOE) – Technical Assistance to ERC
- Winrock – Alliance for Mindanao Off-Grid Renewable Energy (AMORE)
- Infinite Progressions Corporation (IPC) – Reduction of Vehicle Emissions
- Manila Observatory (MO) – Climate Change Information Center (CCIC)

National Rural Electric Cooperatives Association (NRECA), a USAID-Washington DC grantee, was also present to report its work on the Philippine Rural Electrification Financing Corporation with the National Electrification Administration.

The event provided an opportunity for USAID cooperators to present the status of their respective programs, their corresponding accomplishments, challenges and success stories. After each presentation, the floor was opened for discussion. Participants shared ideas on resolving implementation issues and concerns and action steps that may be undertaken in the short and mid-terms. The next Program Implementation Review Meeting was set for June 2003.



Task Name: Energy Week – Technical Forum on Compressed Natural Gas

Type of Activity: Communication & Outreach
Expert: Dr. John Ingersoll
Service Provider: Air and Waste Management Association – Philippine Section
Period Undertaken: December 9, 2003

In line with the government's effort to clean the air by promoting the use of alternative fuels for transport, EETP co-organized with various organizations a *Technical Seminar on Alternative Fuels: Compressed Natural Gas* last December 9, 2002 at the PNOC Mini Theatre, 7th floor, PNOC Building 6. This activity was co-organized with the following agencies:

- a. Department of Energy;
- b. United States-Asia Environmental Partnership
- c. Air & Waste Management Association – Philippine Section
- d. Center for Engineering Research, Training & Consultancy and
- e. De La Salle University – Manila.

In this forum, Dr. John Ingersoll, an expert on natural gas vehicles discussed the US experience in the promotion and use of alternative fuels in vehicles specifically on compressed natural gas and the advantages of CNG as a transport fuel. Among the issues discussed were the viability and cost of retrofitting of existing vehicles, practicality of CNG as an alternate fuel, maintenance and operation of vehicles, implications of using CNG, and CNG fueling infrastructure technology.

A total of 90 participants from the government (Department of Environment and Natural Resources, Department of Energy, Department of Finance, Department of Transportation and Communications, Department of Science and Technology, Philippine Council for Industry and Energy Research and Development, Department of Trade and Industry) , non-government organizations (Metro Manila Bus Operators Association, Concerned Citizens Against Pollution), academe, and private sector (California Bus Lines, Five Star Bus, Saint Rose Transit) attended this activity.



Task Name: 1st Executive Forum on Issues and Future of EPIRA: Privatization of the National Transmission Company (TRANSCO)

Type of Activity: Policy Implementation/Communication & Outreach
Experts: Prof. Fernando Roxas, Phil. Power Sector Reforms Specialist
Ms. Linda Breathitt, Energy Regulatory Specialist
Atty. Ramon Chingcuangco, Phil. Power Sector Reforms Specialist
Service Provider: Asian Institute of Management Policy Center
Period Undertaken: December 10, 2003

In response to the current issues surrounding the EPIRA implementation, EETP supported a workshop initiated by the AIM Policy Center, entitled "*First Executive Forum on Issues and Future of EPIRA: Privatization of the National Transmission Company (TransCo)*" last December 10, 2002, 1:00pm – 5:00pm at the Yulo Caserom, Asian Institute of Management Conference Center, Makati City. Forty (40) leaders and representatives from government, businesses, donor agencies, academia, civil society, and investment banks participated in the forum-workshop. In addition, media representatives from the Daily Tribune, Business World, Inquirer, Philippine Star and Manila Times were present to cover the event.

In particular, the forum had the following objectives:

- a. Discussion of the latest developments and issues surrounding the EPIRA implementation;
- b. Solicitation of the courses of actions for the immediate passage of the TransCo Franchise Bill; and
- c. Signing of the manifesto of support for the bill.

Three experts were engaged by EETP to serve as resource persons of the activity. These were Dr. Fernando Roxas and Ms. Linda Breathitt, who both served as one of the resource speakers in the program, and Atty. Ramon Chingcuangco who facilitated the initial drafting of a "manifesto of support for the passage of the TransCo Franchise Bill". Said manifesto expressed the participant's recognition of the importance of passing the Bill, as a requisite step for accelerating reform efforts and sought Government's immediate action. The final output of the forum was a signed manifesto of support and suggested action steps on how to accelerate the passage of the bill. AIM's endorsement letter of the manifesto together with the original copy of the manifesto was sent to President Gloria Macapagal-Arroyo, House Speaker Jose de Venecia and Senate President Franklin Drilon last January 16, 2003.



Task Name: "The Philippine Natural Gas Industry: Vision, Strategy & Policy" – A Briefing for the GOP Members of the Congress' House of Representatives-Technical Working Group (TWG)

Type of Activity: Institutional Capacity-Building/Communication & Outreach

Period Undertaken: December 11, 2002, 9:00 a.m. to 12:00 nn

Experts: Ms. Linda Breathitt – Regulatory Expert
Ms. Flordeliza Andres – Natural Gas Policy Expert

EETP assisted the DOE in conducting a half-day technical briefing on "House Bill 4754 – Natural Gas Bill" for the GOP representatives of the Technical Working Group at the PNO Executive Lounge, Fort Bonifacio, Taguig City. The briefing was aimed at explaining to the GOP agencies the benefits of the natural gas industry, the role of government, & the rationale for regulation, and inviting the GOP agencies' support in current efforts of DOE for the development of the country's natural gas industry.

Topics discussed and respective speakers were the following:

Topics	Speakers
Natural Gas Industry Fundamentals	Mr. Jesus Tamang, OIC, DOE-Nat Gas Office
Philippine Gas Industry Situationer and Prospects	Usec. Jose Emmanuel de Dios, DOE
International Experiences in Gas Industry Regulation <ul style="list-style-type: none">• US Experience• Other Countries	Former FERC Commissioner Linda Breathitt, EETP Expert Ms. Flordeliza Andres, EETP Expert
Policy and Regulatory Framework	Usec. Jose Emmanuel de Dios, DOE





Task Name: DOE Hosting of the 2002 APEC Conference on Microeconomic Reforms in the Electric Supply Industry

Type of Activity: Communication & Outreach

Period Undertaken: December 12-13, 2003

Experts: Ms. Linda Breathitt, Regulatory Expert (c/o EETP)
Peter Smiles & Associates Pty Ltd., (c/o APEC-EWG)
Resources Law International (c/o APEC-EWG)

EETP provided logistics support to the DOE in organizing and holding the “APEC Workshop on Microeconomic Reform of the Electricity Supply Industry” last 12-13 December 2002, at the Shangri-la Mactan Island Resort, Cebu. The 2-day workshop aimed to provide the participants with practical knowledge in managing energy reforms, specifically in improving the availability and quality of electricity supply, achieving sustainable pricing, improving customer service, promoting efficiencies, encouraging better financing, and promoting discipline through transparency of transactions. There were 83 participants in the event, coming from various sectors (e.g. policy makers, regulators, utility owners, investors, financiers) and from other APEC member countries.

Workshop Day 1 – “Preparing for Reform” was designed to prepare the delegates for “electricity supply industry” (ESI) reforms. Experts’ presentations focused on identifying reform issues, strategic options, and directions for change. DOE Secretary Vincent Perez presented the “Philippine EPIRA Experience”, while Commissioner Linda Breathitt, presented “Lessons from the US Experience”, including those from the California crisis. Presentations on “Strategic Principles”, which covered the guide points on policy objectives, managing the reform process, industry structure, legal and regulatory framework, wholesale market mechanism, transmission and distribution, retail tariff and contestability, and privatization, were made by the Australian team of APEC consultants, Mr. Peter Smiles and Mr. Robert Pritchard.

Workshop Day 2 – “Implementing Reform” focused on encouraging participants to explore and set in place mechanisms for effective monitoring of ESI reforms and therefore, manage their progress. Highlight of the day was a presentation by Msrs. Smiley & Pritchard on a “Reforms Implementation Monitor”, i.e., the Pritchard-Smiles Implementation Monitor, which is a tool for monitoring and steering the reform process. Said tool enables easy identification of core targets (key performance indicators) for micro-economic reform of the electricity supply industry, promotes easy-to-understand communications, provides stakeholders control over the reform process, and can hold the planners, implementers and operators accountable for achieving results

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Task Name: Organizational Development Support for the NPC's EPIRA-Mandated Reorganization

Type of Activity: Policy Implementation & Institutional Capacity-Building
Period Undertaken: December 15, 2002 – January 30, 2003-07-29
Experts: Mr. Rene Lamzon, Organizational Development Specialist
Mr. Felino Balce, Organizational Development Specialist

NPC's reorganization, which began after EPIRA was passed, is in line with the law's thrust to create a competitive electric power industry. Considered a major milestone in the implementation of the law, NPC's restructuring calls for its transition from being the country's largest government owned monopoly to that of a streamlined government owned and controlled corporation (GOCC) dedicated to missionary electrification. NPC's transition would involve the daunting task of unbundling its power generation and transmission functions and the eventual privatization of generation and transmission assets. This change process would necessarily entail the re-definition of NPC's organizational structure, the rationalization of personnel requirements, and the re-definition of its strategic and business plans. EETP was able to assist the DOE in initiating a smooth organizational transition and security of delivery of power supply services during said process by providing in early December 2002, two (2) organizational development (OD) specialists, Messrs. Felino J. Balce and Rene L. Lamzon, who provided real-time advisory services on organizational development and change management matters to DOE's Usec Del Callar and the NPC's Human Resource Department. The experts assisted in:

- Planning, organizing, coordinating, facilitating, and conducting consensus building and consultative exercises among staff and officers;
- Preparing presentation materials, draft agreements; and endorsement of support of employee associations;
- Monitoring, evaluating issues/concerns, and recommending ways to resolve actual/potential conflicts or improve the consultative process.



Task Name: DOE Participation in the 2002 Regional Workshop on Better Air Quality (BAQ) in Asian and Pacific Rim Cities

Type of Activity: Institutional Capacity-Building

Period Undertaken: December 16-17, 2002

The 2002 BAQ Regional Workshop held at the Hong Kong Convention and Exhibition Centre is an Asian regional event on air quality management, jointly sponsored by the Hong Kong Environmental Protection Department, Hong Kong Polytechnic University, California Air Resources Board, Clean Air Initiative for Asian Cities, Air Pollution in the Megacities of Asia, Asian Development Bank, World Bank, and the United States-Asia Environmental Partnership. In support of DOE's role in the implementation of the Clean Air Act and also in line with government's efforts to pursue the use of natural gas for transport, EETP sponsored the participation of three (3) senior DOE officials, namely:

1. Asst. Sec. Francis Benito
2. Dir. Teresita Borra, Energy Utilization Management Bureau
3. Dir. Zenaida Monsada, Oil Industry Administration Bureau

BAQ Conference participants, mainly senior policy makers and other stakeholders, were gathered to review the current status of air quality management in Asia and to formulate recommendations on how Asian cities can improve their air quality. The program included sub-workshops, exhibits (showcasing technologies, products and services to control air pollution), poster sessions (allowing participants to view papers, projects presented in poster form and ask questions from presenters) and technical visits.



Task Name: "Iwas Usok" Information Campaign

Type of Activity: Communication & Outreach
Period Undertaken: December 27, 2002
Service Provider: Miriam PEACE

In response to a planned transport strike (to oppose the nationwide implementation by January 2003 of the mandatory emissions testing prior to vehicle registration) that was aired by leaders of the transport sector last November 30, 2003 during the Transport Convention and Forum, Miriam PEACE and EETP, along with the Metro Manila Development Authority (MMDA) conducted a roving campaign dubbed "Iwas Usok".

The campaign, held at the Cubao Jeepney Terminal, Quezon City, was designed to raise awareness of a targeted audience on the merits of emissions testing and to provide tips from qualified technicians and mechanics, and from the drivers themselves on best practices in maintenance and repair. The campaign also provided the audience relevant information on procedures for testing, location of testing centers and DTI accredited repair shops. About 150 participants, mainly jeepney drivers plying the Marikina, Antipolo, Taytay-Cubao route attended the event.



Power Briefing for Semiconductors & Electronics Industries in the Philippines, Inc. (SEIPI)

Period Undertaken: January 13, 2003

Component: Communication & Outreach

Expert(s): Dr. Fernando Y. Roxas

EETP co-organized with the SEIPI a Briefing on the Privatization of the National Transmission Corporation (TransCo), which was conducted at the SEIPI office in RCBC Plaza, Makati City. The purpose of the briefing is to promote awareness and understanding among the SEIPI members of the impacts of the TransCo privatization to the economy, in general, and to the various foreign and local industries in the country. Seventeen (17) participants attended the event. While there were representatives from the DOE, NPC and TransCo, majority were SEIPI members. The EETP engaged Dr. Fernando Roxas to serve as a presenter and a resource person for the event.

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Task Name: Pricing & Financial Incentives Study for Compressed Natural Gas (CNG) as Transport Fuel

Type of Activity: Policy Implementation

Period Undertaken: January 29 – March 11, 2003

Experts:

- Romeo Bernardo
- Christine Tang

Mr. Romeo Bernardo and Ms. Christine Tang of Lazaro, Bernardo, Tiu and Associates, Inc. were engaged by EETP to assist the DOE in the conduct of a pricing & financial incentives study for compressed natural gas (CNG as transport fuel, from January to March of this year. The study entitled *Pricing Scheme for Compressed Natural Gas: For Government's Natural Gas Vehicle Program for Public Transport* was designed to develop a pricing mechanism and evaluate various options for providing financial incentives to CNG bus operators. The report served as a guide to DOE in its negotiations with Shell SPEX on the price of Malampaya gas at the pump. It was officially submitted to the Department last May 5, 2003. Major findings and recommendations include:

- "Polluter's pay" tax policy has least cost fiscal impact – Tax diesel to the point where per liter revenue from diesel tax is equal to the per liter revenue from sale of CNG (through government royalties in Malampaya).
- Provide non-financial incentives such as preference in franchise routes, special access to defined areas, e.g. campuses and villages, and longer allowed waiting time for passengers in major thoroughfares.
- Switching to CNG bus increases bus operator's costs equal to P2.9 million in present value terms (@ 18%).
- Under a capital budgeting method of analysis, for the CNG bus operators to be economically indifferent between investing in a CNG and diesel bus, (i.e., NPV @18% = 0), this requires that:
 1. Without government concessionary financing, the CNG Price = P 7.59/liter (vs. 11.15/liter indicated by Shell) in Yr 1 and 49% discount to diesel (vs. 26% of Shell) maintained for 10 years.
 2. With DBP/TIDCORP administered credit program*, CNG Price = P 10.37/liter in Yr 1 and 31% discount to diesel maintained for 10 years

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Task Name: DOE Briefing for Members of the HOR-Committee on Energy

Type of Activity: Communication & Outreach

Period Undertaken: February 5, 2003

Experts:

- **Ms. Liza Andres**
- **Atty. Ana Lea Uy**
- **Atty. Concepcion Ojeda**

EETP assisted DOE in conducting a half-day briefing on HB 4754 – “Natural Gas Bill” for various members of the House of Representatives (HOR) last February 5, 2003 at the Grand Ballroom A, Sulo Hotel in Quezon City. The objective of the briefing was to explain the benefits of a natural gas industry, the role of government, and the need to develop a comprehensive legislative framework to address the nascent nat gas industry. A total of 20 HOR members attended the activity.

The speakers and their respective topics are outlined below:

TOPIC	SPEAKER
The Situation and Prospects for the Philippine Natural Gas Industry	Mr. Jesus Tamang, DOE
Concepts of Gas Industry Regulation and International Experience	Ms. Liza Andres, EETP Consultant
Existing and Proposed Regulatory Framework for the Philippine Natural Gas Industry	Usec J.V. Emmanuel de Dios, DOE
Issues Raised in the TWG Discussion on the Natural Gas Bill (HB 4754)	Mr. Efren Cortes, HOR Committee on Energy Secretary



Task Name: Integrated Communication Program on the Nat Gas Industry – Development of Philippine Nat Gas Industry Investment Promotion Kit

Type of Activity: Communication and Outreach

Period Undertaken: February 21 – May 16, 2003

Service Providers:

- **Artchives**
- **Jaeson Printing**
- **Direct Connections International Corporation**

EETP assisted the DOE in the development and production of a Natural Gas Investment Kit. The material included a 26-page brochure and CD containing the incentives, investment needs and relevant policies that any interested investor would need to know. A total of 1000 kits were produced for the Department. *Artchives Graphics* was engaged to provide services in the design, layout, creatives, photography and copywriting of the brochure. *Jaeson Printing* was subcontracted to print the brochure in full color, while *Direct Connections International Corporation* was tasked to reproduce the CD. The investment kit was designed to encourage private sector participation in the development of both the upstream and downstream sector of the nat gas industry. In particular, the brochure aimed to attract potential investors by presenting in a concise form the investment opportunities and incentives of the industry. This material was used by DOE Secretary Vincent Perez in his road shows/investment meetings with various potential foreign investors. Likewise, Undersecretary J.V. Emmanuel de Dios used this investment kit during the 22nd World Gas Conference and Exhibit held last June 1-6, 2003 at Tokyo, Japan.



Task Name: Research Audit on Philippine Energy Sector Knowledge, Attitudes, and Practices (KAP)

Type of Activity: Program Management/Communication
Period Undertaken: March – June 2003
Expert: Pulse Asia (Team Leader – Dr. Ana Marie Tabunda)

The research audit was undertaken as a necessary step in identifying and developing EETP's communication and outreach/social marketing activities. It was aimed at gathering, reviewing, and assessing available completed and ongoing research (from 1998-2002) pertaining to the knowledge, attitudes, and practices (KAP) of stakeholders and consumers in the energy sector as these relate to energy policies. The key findings from the existing research would then enable AED and its GOP partners to identify issues among the key audiences as well as identify patterns or needs. This includes identifying barriers and obstacles by the key target groups to policy reform and to usage or acceptance of current energy services. The audit was also undertaken to identify any research that identifies incentives or motivators to energy policy reform and efficient energy usage. Based on the study, recommendations were made on the type of research and questions that AED or GOP needs to include in its research activities.



Task Name: USAPANG TRIKE - MOU with MIRIAM PEACE on Integrated Communication Plan for Reduction of Vehicle Emissions (RoVE)

Type of Activity: Institutional Capacity-Building ; Communication & Outreach
Period Undertaken: February '02 – March '04
Service Provider: MIRIAM PEACE

EETP and Miriam PEACE have jointly embarked on an integrated communications campaign to address concerns on social, economic, political, and environmental, implications of vehicle emissions particularly with regard to emissions from motorcycles and tricycles. The campaign, called "Usapang Trike" (or Tricycle Talk) calls for a series of small round table discussions (RTDs), focused-group discussions, and forums to clarify issues on emission standards, technological interventions, financial solutions, and increased dialogue and coordination with the local government units (LGUs). The campaign will be highlighted at the end by a national conference to disseminate results of the various discussions, agreements, success stories, and commitments to continued cooperation and action towards the realization of the intent of the Clean Air Act.

The campaign is already ongoing and some of the completed activities are described below:

- ***"Usapang Motor" – a Roundtable Discussion on Technological Interventions for Tricycles***

EETP and Miriam PEACE invited known proponents of technological interventions that may provide options to motorcycle and tricycle drivers and operators to meet standards and pass emissions tests, to a roundtable discussion (RTD) at the Environmental Science Institute, Miriam College last February 12th. These technological interventions include the use of catalytic converters such as Aerogas, engine modification (direct injection), fuel additive, use of high quality 2T oils and Coconut Oil Methyl-Esther (CME) as alternative to 2T. The RTD not only aimed to raise awareness but also to gather and compare data on these technologies (their use, advantages, disadvantages, costs and availability). Thirty-four (34) participants from proponents, academe (UP and Miriam), representatives from tricycle associations, DENR and DBP attended the RTD.

- ***RTD on "Development of Micro-Financing Schemes for Tricycle Operators & Drivers"***

EETP and Miriam PEACE are facilitating the development of micro-financing options for tricycle operators and drivers to enable them to shift from 2 stroke to 4 stroke motorcycles. The micro-financing schemes being explored include: (a) tapping the financing windows of government banks such as the Development Bank of the Philippines (DBP); (b) conducting by micro-financing institutions (MFIs) such as "Tawid sa Pag-unlad" which can facilitate the lending and collection for DBP. DBP has already started formulating its guidelines on the scheme and a pilot project is being developed but it has expressed its reluctance to accept non-real estate assets (e.g. the tricycles) for loan collateral. To date, two coordination meetings at the Environmental Science Institute, Miriam College and DBP Office in February and March '03, respectively, have been completed to explore the financing options.

- ***"Usapang Legal" – An RTD on Tricycle Franchising and Registration Issues***

"Usapang Legal" was held last March 12, 2003 at the Environmental Science Institute, Miriam College to clarify legal issues related to franchising and registration of tricycles

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by the local government and LTO, respectively. The RTD brought together officials from the Quezon Citi LGU, LTO, MMDA, and members of selected tricycle owners and drivers associations (TODAs) from the Katipunan, Pansol, and Loyola area. The forum provided a venue for explaining MMDA's Resolution No. 02-36, 2002, which urged the LGUs to implement a moratorium on the franchising of 2-stroke tricycles. It also informed the tricycle operators and drivers on the QC LGU's plans of implementing the moratorium.

- ***Forum on "Government Policy re 2-Stroke Engines" for NACTODAP Quezon City District***

In response to the growing concern of tricycle operators and drivers on the possible phase-out of 2-stroke motorcycle engines, EETP and Miriam PEACE, with the cooperation of the National Confederation of Tricycle Operators and Drivers Association of the Philippines (NACTODAP), conducted a one-day forum with DENR, MMDA, QC Government and tricycle associations to shed light on the issue. The forum, which was held last March 30, 2003 at the Environmental Science Institute, Miriam College was attended by over 100 tricycle drivers and operators from Metro Manila. It highlighted the national and local government's stand with regard to the perceived phase-out of 2-stroke motorcycles. Representatives from Suzuki and Kawasaki, two of the major distributors of motorcycles in the Philippines, also made presentations on the importance of preventive maintenance and afterwards provided free emissions testing and maintenance tips to participants who brought along their tricycles and motorcycles.

- ***RTD on "2-stroke and 4-stroke Technology"***

In order to clarify issues on the 2-stroke vs. 4-stroke motorcycles/tricycles, Miriam PEACE conducted an RTD last July 21, 2003 at the Environmental Science Institute, Miriam College, on the technical characteristics of the technologies. There were thirty-two (32) participants present, representing tricycle drivers and operators from Caloocan, San Juan, Las Piñas, Muntinlupa, Loyola Heights, Makati and Marikina; Tricycle Regulatory Units (TRUs) from Malabon, Mandaluyong, Parañaque, Caloocan, San Juan, Muntinlupa and Makati), NGOs, Gov't Agencies (DENR, DOH), MDPPA. The RTD highlighted the differences between 2& 4-stroke technology, their application as a mode of public transportation and their emissions. The need for preventive maintenance as a primary measure to reduce emission from tricycles regardless of the technology was emphasized.

- ***Training on Preventive Maintenance***

Miriam PEACE is conducting an ongoing training on proper care and preventive maintenance as a first step in reducing pollution and improving emissions of both 2 stroke and 4 stroke motorcycles and tricycles. Participants of the training are some 30 members of Loyola Heights, Pansol, and La Vista TODA. Technicians from the Motorcycle Industries Development Association of the Philippines, Inc. (MIDAPI), whose members are Yamaha, Suzuki, Honda and Kawasaki, will provide mentoring to the participants. The mentoring will be done every two weeks for 3 months, starting last July 22 up to November, 2003, at the Environmental Science Institute, Miriam College



Task Name: DOE's Planning Workshop on the Missionary Electrification Development Plan (MEDP)

Period Undertaken: February 6–7, 2003

Component: Policy Development & Implementation

Expert(s): Dr. Fernando Y. Roxas

EETP provided technical, facilitation and funding support to the Department of Energy (DOE) in the conduct of a two-day planning workshop to develop the Missionary Electrification Development Plan (MEDP) 2003. The *MEDP Planning Workshop* was held at the Tagaytay Country Hotel, Tagaytay City. Specific objectives of the workshop were to: (1) clarify issues and concerns regarding the MEDP 2003; (2) come up with recommendations for its finalization; (3) clarify roles and tasks of agencies involved in its implementation; and (d) identify next steps and develop concrete action plans.

The event was attended by a total of 22 participants, who were representatives of various agencies involved in the implementation of the MEDP, namely: DOE, National Electrification Administration (NEA), National Power Corporation – Small Power Utilities Group (NPC-SPUG), Energy Regulatory Commission (ERC), Philippine National Oil Company (PNOC), Power Sector Assets and Liabilities Management (PSALM) Corp. A representative from the World Bank (WB) also attended the event as an observer. As the technical expert who assisted the DOE in the drafting of the MEDP, Dr. Fernando Y. Roxas, of the Asian Institute of Management (AIM) discussed the MEDP policy issues, selection criteria and recommendation. He also served as a resource person/facilitator during the workshop.

During the workshop proper, the participants were divided into two (2) groups that were tasked to answer three (3) guide questions:

- (1) What are the key MEDP issues?
- (2) What are your group's specific recommendations in addressing these issues?
- (3) Identify institutions and agencies concerned in addressing these issues.

Results of the workshop were submitted to the DOE Management for their review and consideration. They will serve as inputs in the final draft of the MEDP, which is required for submission to DOE Secretary, Vincent Perez, on March 15, 2003.



Task Name: DOE-EPIMB's Strategic Assessment & Planning Workshops

Period Undertaken: February 15 & 25, 2003

Component: Institutional Capacity Building

EETP provided facilitation support to the Electric Power Industry Management Bureau (EPIMB) in the conduct of a two-part strategic pre-planning workshop to ensure consistency of the Bureau's programs with the DOE's vision and mission. Both pre-planning workshops were held at the DOE Conference Room of Undersecretary Cyril del Callar.

General in scope, Part 1 was aimed at: (1) reviewing and analyzing the DOE's vision and mission; (2) conducting an environmental scan of EPIMB's current organizational set-up, using the SWOT analysis; (3) identifying approaches and strategic options to address issues and concerns; and (4) identifying action plans and next steps. There were four (4) participants in all, composed of the Bureau's director, Chrysanthus Heruela; assistant director, Mylene Capongcol, and (2) division chiefs. As the workshop drew to a close, a wide range of strategic options were raised. The participants agreed to discuss and finalize the options in the second part of the workshop.

Part 2 was more focused on meeting the following objectives: (1) to finalize options drawn up in the first part of the pre-planning workshop; and (2) to identify initial action plans for the Bureau. A total of 7 participants attended the second part of the workshop. The four (4) participants who attended Part 1 were joined by three (3) more EPIMB staff. In this workshop, the participants discussed and came up with action plans to address both administrative and program-related concerns. In turn, these action plans will be presented to Usec. Del Callar for his consideration and appropriate action.



Task Name: Seminar on Power Supply Contracting for Electric Cooperatives in Panay Island, Visayas Power grid

Period Undertaken: March 4-6, 2003
Component: Institutional Capacity Building
Expert(s): Dr. Fernando Roxas
Atty. Ramon Chingcuangco

In support of DOE's Panay Power Task Force (PPTF), EETP provided experts, Dr. Fernando Roxas and Atty. Ramon Chingcuangco, as resource speakers during the *Seminar on Power Supply Contracting*, held in Kalibo, Aklan. The Seminar was designed to provide guidance to electric cooperatives (ECs) in power supply contracting with independent power producers (IPPs). It was actively attended and participated in by general and finance managers from seven (7) ECs in Panay and Guimaras. Topics discussed include: (1) salient features of EPIRA), (2) basic components and structure of a power supply contract, (3) transition supply contracts, and (4) common pitfalls in contract negotiations. The Seminar was deemed highly informative and was well appreciated by the participants. Due to its success, DOE received urgent requests to conduct on follow-on seminar that will cover courses on financial management, strategic planning and the wholesale electricity spot market (WESM).



Task Name: Communication Training for ERC Commissioners and Directors

Period Undertaken: March 24-25, 2003

Component: Institutional Capacity Building

Expert(s): Campaigns Advocacy and P.R., Inc (CAPRI)

As the Energy Regulatory Commission (ERC) is at the forefront of communicating to the public power rates-related reforms, that often generate public debates, there was an urgent need to conduct a training that will enhance the media communication and management skills of ERC. As a response, the EETP held a communication training for the following ERC officials and personnel:

- Commissioner Leticia V. Ibay, then acting chairman
- Commissioner Mary Ann B. Colayco
- Commissioner Oliver B. Butalid
- Commissioner Carlos R. Alindada.
- Director Marina Bugayong, Operations Service
- Director Teresita Castañeda, Legal Service
- Director Rod Vinluan, Public Affairs

The communication training was intended (1) to provide the participants the opportunity to build on existing skills and create a forum for the development of key messages on vital policy issues and (2) to prepare identified spokespeople to interact with media with clarity, confidence, credibility and overall effectiveness. Due to busy work schedules of the participants, the training was conducted in two (2) afternoon sessions, both of which were held at the CAPRI office in Makati City. The first session gave the participants a tutorial on understanding the media, presentation skills and crisis management. The second session simulated one-on-one interviews for each participant. In preparation for the actual training, the EETP conducted a training needs assessment (TNA) to obtain the participants' expectations from the training, and to identify communication strengths and weaknesses. The results of the TNA served as inputs to the final training design.



Production of Energy Environment Training Program Brochure

Period Undertaken: March 26 – July 23, 2003

Component: Communication and Outreach

Experts: Artchives Graphics/Mr. Emmanuel Marbella; Jaeson Printing

The brochure was developed in-house by EETP staff in order to provide target recipients with a general information on the Energy Environment Training Program (EETP). Final design and creatives were made by Artchives Graphics, while printing was contracted to Jaeson Printing.

The EETP brochure was first launched in the Power Communication Forum held last July 10, 2003.



Task Name: Development of a "Power Tracker" (EPIRA Monitoring & Evaluation System)

Period Undertaken: April 2003 – date

Expert/Assistant: Arlene SM. Lafrades; Zarah Marie Lalaine Pilapil

One of the most critical needs of the DOE, identified during the conduct of the TNA, is the development of an EPIRA monitoring and evaluation system (M&ES). In support, therefore, of DOE's efforts to implement the EPIRA, the EETP engaged the services of Arlene S.M. Lafrades, an energy policy specialist, to develop a "Power Tracker," the monitoring and evaluation system for EPIRA. Research assistance is provided for by Zarah Marie Lalaine Pilapil.

This technical assistance, which also involves training on the operation and implementation of the Power Tracker, aims to:

- Assist the DOE in developing and implementing /managing a system for monitoring and evaluating the progress of EPIRA implementation;
- Provide the DOE and other relevant agencies, such as the ERC, PSALM, and Transco with planning and management tools /mechanisms; and
- Facilitate DOE and ERC coordination in (a) monitoring the implementation of EPIRA and (b) exchanging information.

The TA is divided into five (5) sub-tasks:

1. Power Tracker System Design – Almost completed
2. IT Development – To be started
3. Database Development - Ongoing
4. Facilitation and conduct of Inter-Agency Committee meetings – To be started
5. Training of DOE & other agencies on PT Management and Operation – To be conducted once system is completed, possibly January 2004.



Technical Assistance to DOE-EPIMB in Developing the DOE Report to the Joint Congressional Power Commission (JCPC)

Period Undertaken: April – May 14
Component: Policy Development & Implementation
Experts: Arlene S. M. Lafrades – Energy Policy Specialist
Fernando Y. Roxas – Energy Policy Specialist
Atty. Ramon Chingcuangco – Energy Policy Specialist

The Electric Power Industry Management Bureau (EPIMB) of the DOE requested for technical assistance in developing their semi-annual report on the *Status of EPIRA Implementation* to be submitted to the Joint Congressional Power Commission (JCPC). As a response, the EETP provided the expertise of a 3-member team tasked to assist the EPIMB in the following:

- Identifying and analyzing issues, gaps and areas of improvements of EPIRA implementation;
- Identifying key indicators for gauging the effectiveness and success of the implementation of the EPIRA;
- Preparing a qualitative assessment of the key success indicators identified;
- Providing recommendations to address identified implementation issues and gaps; and
- Preparing an appropriate design/format/structure for the DOE Report to the JCPC.

The EPIMB in turn, provided the team with the submissions from PSALM, NPC, TRANSCO, NEA, ERC and DOF. The submissions contain updates on the implementation of their specific functions under EPIRA. Apart from review and analysis of submissions and relevant documents, Arlene S. M. Lafrades, Team Leader, interviewed key officials from the Power Sector Assets and Liabilities Management, Corp. (PSALM) and the National Electrification Administration (NEA) to gather updates and relevant information on the accomplishments of said agencies. Team members, Dr. Fernando Y. Roxas and Atty. Ramon Chingcuangco reviewed the initial report and provided their inputs for the final draft.

The EETP report entitled, *EPIRA Implementation: An Assessment*, provided recommendations, which were considered by DOE-EPIMB in DOE's final report. The DOE-EPIMB submitted the *Report on the Status of EPIRA Implementation* to the JCPC on May 15, 2003.



Advisory Support for “Harmonizing the Wholesale Electricity Spot Market (WESM) Rules, and the Philippine Grid and Distribution Codes (PGDC)”;

Period Undertaken: March 27 – date
Component: Policy Development and Implementation
Experts: Professor Rowaldo del Mundo – PGDC Expert
 Mr. Danilo P. Mercado – WESM Expert

Conduct of Nine (9) Roundtable Discussions for Harmonizing the Wholesale Electricity Spot Market (WESM) Rules & the Philippine Grid & Distribution Codes (PGDC)

Period Undertaken: April 29 – May 7, 2003
Component: Policy Development and Implementation
Experts: Prof. R. del Mundo and Mr. D. Mercado

The EETP engaged PGDC experts, Prof. Rowaldo del Mundo, & Mr. Danilo Mercado, to provide advisory support to the DOE and ERC in harmonizing the WESM Rules with the PGDC. Part of the work plan developed by the EETP consultants for the task *Advisory Support for “Harmonizing the WESM Rules and the PGDC,”* is the conduct of roundtable discussions (RTDs) with key industry stakeholders. The RTDs will serve as venues for the participants to (1) provide agency/unit-specific policy directions, and (2) identify issues and concerns that need to be addressed.

The schedule of the nine (9) roundtable discussions with the key stakeholders are as follows:

Date/Time	Agency/Unit	Venue	# of Participants
21 April 2003 2:00 pm	DOE – Electric Power Industry Management Bureau & ERC – Standards & Compliance Monitoring Division	NCED Conference Room, Energy Center, Fort Bonifacio, Taguig	8
24 April 2003 9:00 am	TRANSCO – System Operators & Grid Owners	Sinulog Conference Room, NPC, Diliman, Quezon City	29
1:00 pm	TRANSCO – Market Operators	Sinulog Conference Room, NPC, Diliman, Quezon City	14
25 April 2003 1:00 pm	NPC-GENCOs & PSALM	PSALM Library, SGV Bldg. 1, Ayala Avenue	19
29 April 2003 9:00 am	NEA – Electric Cooperatives	NEA Board Room, NEA, Quezon City	21
30 April 2003 9:00 am	PIPPA – Independent Power Producers	Via Mare, Penthouse, Philippine Stock Exchange, Ortigas, Pasig City	19
6 May 2003	PEPPOA – Electric Utilities	CEPALCO Office,	



Date/Time	Agency/Unit	Venue	# of Participants
9:30 am		Strata 100 Bldg., Ortigas Center, Pasig City	13
7 May 2003 9:00 am	WESM-Technical Working Group	CCDC Conference Room, Energy Center, Fort Bonifacio, Taguig	19
1:00 pm	GMC & DMC	ERC Hearing Room, 15/F Pacific Center Bldg., Ortigas Center	17

The EETP consultants served as the facilitators and resource speakers in the RTDs. They started each RTD by presenting an overview of the task. Overview included rationale, objectives, scope of technical assistance and schedule of planned activities. They then opened the floor for the participants to raise their issues and concerns on the two (2) policy documents. Everyone was also encouraged to send their written comments on or before specified deadlines. The issues/suggestions raised in the discussions were documented and will be noted and analyzed by the consultants to serve as critical inputs to their final recommendations.

After the RTDs, the consultants prepared the *Interim Report*, which contains analyses and findings derived from the review of the policy documents and the RTD discussions and submitted written comments. The *Interim Report* was submitted last June 9, 2003, and was presented to the DOE and ERC to solicit their comments. Finalization of the Report is ongoing.



Task Name: Public Consultation Meeting on the Implementation of the Meralco Refund to Electricity Consumers

Type of Activity: Communication & Outreach
Period Undertaken: April 29, 2003
Service Provider: COMSTRAT (Atty. Hubert Bustos)

EETP provided technical and logistical assistance to DOE in the conduct of a consultation meeting to discuss the implementation of the Meralco refund last April 29, 2003 at the DOE Audio Visual Room from 12:00 – 2:00 PM. The objective of this activity was to provide a venue where the different sector representatives can share to DOE their views, observations, insights and suggestions regarding the implementation of the Meralco Refund. The comments gathered by DOE were used as their basis in drafting a position paper submitted to the Energy Regulatory Commission on the said issue. A total of 30 representatives from Academe, Non-Government Organizations, Business and Professional Organizations participated in this event.

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Production of Power Communication Brochure

Period Undertaken: May 1 – July 10, 2003
Component: Communication and Outreach
Experts: Corporate Image Dimensions

The production of this collateral material aimed to provide the stakeholders a general overview of communication, which can be adopted in the implementation of communication activities in the energy, environment and transport sectors. It also promotes acceptance of social marketing as a strategy in planning and managing public awareness program in the energy-environment sector. Target audiences are the energy and environment agencies, the academic partners and major industry players.

Corporate Image Dimensions provided the contents and artwork of the brochure, which were closely monitored by the EETP. Printing and reproduction was also made by CID through its in-house printing facilities..

The brochure, also known as the "Power Comm Brochure" was first presented in the Power Communication Forum held last July 10, 2003. It was next used in the Cebu-Negros-Panay (CNP) Power Challenge Feedback Consultations and CNP Power Summit last July 23-25, 2003.



Task Name: Briefing for High-Level GOP Officials on the Nat Gas Industry

Type of Activity: Communication & Outreach

Period Undertaken: May 13, 2003

Experts:

- Dr. Raj Addepalli
- Mr. Frank Creamer
- Ms. Liza Andres
- Atty. Ana Lea Uy

A briefing entitled *The Philippine Natural Gas Industry: A Macro Perspective (A Briefing for Top Government Officials)* was conducted last May 13, 2003 at the Grand Ballroom 3 & 4 of Edsa Shangri-la Hotel from 9:00 AM to 12:30 PM. The primary objective of this activity was to enable the top government officials to appreciate the fundamentals and prospects of the Philippine natural gas industry and to fully understand their respective agency's roles in the development of the industry. A total of 29 participants attended the briefing ranging from Undersecretary to Department Managers. The briefing was formally opened by the DOE Secretary Vincent S. Perez. In his speech he called on the various government agencies' support in establishing the natural gas industry. He mentioned specific agencies along with its roles in the industry development. DOE Undersecretary J.V. Emmanuel de Dios followed with a presentation on the status of the Philippine Natural Gas Industry. The technical content covering a macro perspective of the natural gas industry was presented and discussed by two international experts – Dr. Raj Addepalli and Mr. Frank Creamer. EETP local consultants, Atty. Ana Lea Uy and Ms. Liza Andres, assisted in the content development of the presentation materials.



Task Name: Familiarization and Deployment Workshop for the PETC/LTO-MVIS Monitoring Team

Type of Activity: Policy Implementation; Institutional Capacity-Building

Period Undertaken: May 14, 2003

In lieu of a planned training-workshop for volunteers of the PETC/LTO-MVIS Monitoring Team, that was to have been held last mid May 2003, the DOTC, with support from EETP, conducted an "Interim PETC Monitoring Orientation" last May 14 at the 16th Floor DOTC Multi-Purpose Room, Columbian Tower, Ortigas Extension, San Juan.

DOTC is implementing a PETC interim monitoring program in order to move forward with the PETC monitoring while the JAO is pending signature by the DOTC and DTI Secretaries. The DOTC interim monitoring arrangements adopts the JAO's provisions, with the only difference being the absence of DTT's participation in the monitoring team. The DOTC interim monitoring team includes only the DENR, LTO, and volunteer NGOs and LGUs. The purpose of the May 14th workshop was to familiarize members on the procedures as well as their responsibilities in the monitoring scheme.

Meantime, the schedule of the workshop for the full PETC/LTO-MVIS Monitoring Team has been moved to mid October since the signing of the JAO is a prerequisite to the conduct of the workshop. The October workshop will be a 2-day training event that will include both theoretical and hands-on training of the monitoring procedures. Participants will be from the DOTC, DENR, DTI, LGUs, and volunteers from civil society and academic institutions.



Task Name: 3-Day Seminar for GOP Officials on the Nat Gas Industry

Type of Activity: Training

Period Undertaken: May 14-16, 2003

Experts:

- Dr. Raj Addepalli
- Mr. Frank Creamer
- Ms. Liza Andres
- Atty. Ana Lea Uy

Last May 14-16, 2003, a seminar entitled *A Briefing on the Natural Gas Industry: A Three-day Seminar for GOP Executive Branch Technical Staff* was held at the Holiday Inn Hotel, Clark Field, Pampanga. This activity was designed for the technical staff of government agencies that the Department of Energy will be coordinating and working with in the implementation of policies and programs that will develop the country's natural gas industry. The specific objectives of the seminar are:

- a. to understand the fundamentals of the nat gas industry;
- b. appreciate its benefits; and
- c. realize the need for inter-agency support in the current efforts of the government in developing the said industry.

A total of 23 staff from DOE, DTL, ERC, DOF, NEDA, DOST, MMDA, PEZA, NPC and PNOC-EC attended this activity. The seminar was conducted by two international experts, Dr. Raj Addepalli and Frank Creamer and two local experts, Atty. Ana Lea Uy and Lisa Andres. In addition to knowledge enhancement, another concrete output of this activity is an understanding of the various agencies' roles and level of involvement in support of DOE's mandate to lead in the development of the country's natural gas industry.



Task Name: *Public Briefing on Climate Change and Tricycles*

Type of Activity: Communication & Outreach

Period Undertaken: May 16, 2003

Partner Institution: Climate Change Information Center/Manila Observatory

EETP and the Climate Change Information Center (CCIC) of the Manila Observatory jointly held last May 16th at the UP College of Engineering Theatre, a public briefing on the effects of pollution, particularly the excessive hydrocarbon emissions of tricycles on climate change. The public briefing highlighted the release of CCIC's studies on the cost-benefit analysis of existing technologies that may help in reducing emissions. It was also a venue for the authorities to clarify the government's stand on the tricycle issue, and to update the participants on the on-going setting of standards for hydrocarbons.



Task Name: Seminar Forum on Coco Methyl Ester (CME) in Petroleum Diesel Fuel: A Cleaner Alternative Fuel for the Land-Based Transportation Sector

Type of Activity: Communication and Outreach

Period Undertaken: May 23, 2003

Partner Institution: Technological University of the Philippines

EETP in coordination with the Technological University of the Philippines (TUP) and Department of Energy (DOE), jointly conducted a forum entitled *Seminar Forum on Coconut Methyl Ester (CME) in Petroleum Diesel Fuel: A Cleaner Alternative Fuel for the Land-Based Transport Sector* last May 23, 2003 at the 5th Floor, Integrated Research and Training Center (IRTC), TUP from 8:00 AM to 6:00 PM. This activity was designed to provide a venue where stakeholders can discuss initiatives, experiences, problems, recommendations and future directions on the utilization of CME in diesel blends. A total of 93 participants from government, industry, academe and civil society participated in the event. The seminar-forum was subdivided into a technical presentation portion and a workshop. The first part dealt with presentations and reactions of various CME stakeholders. Discussions were focused on their experiences, views and concerns on CME. The second part on the other hand promoted networking within the same sector advocating the use of CME as transport fuel. In addition, the workshop provided an opportunity to consolidate the resolution of the group on how to promote CME utilization nationwide. At the end of the activity, the participants signed a resolution to the DOE in aid of policy recommendation for the promotion of CME as transport fuel.



Task Name: Support to DOE's Investment Promotion Campaign at the World Gas Conference in Tokyo, Japan

Type of Activity: Communication & Outreach

Period Undertaken: May 29 – June 6, 2003

Service Provider: City Neon Philippines

The 22nd World Gas Conference (WGC) and Exhibit last June 1-6, 2003 at Tokyo Japan was organized to assemble all the gas players in the world to discuss current global energy issues. This activity is organized every three years. The conference gathered 4,800 international gas players, investors and researchers from 72 countries and regions while 210 companies from 36 countries worldwide participated in the exhibition. For the first time, the Philippines joined this event to promote the nascent nat gas industry. EETP provided on-site technical assistance to DOE in the conference and exhibit. For the conference, the assistance included providing the design for investment meeting structure/process, logistics and documentation. Ms. Josephine Mangila, EETP's Communication and Outreach Specialist joined the DOE team to assist in managing the following:

- a. **Presentation of DOE paper entitled "Developing the Philippines Natural Gas Industry" in the Technology Forum (June 2) – assistance included the enhancement, finalization and reproduction of the power point presentation materials of Undersecretary J.V. Emmanuel de Dios;**
- b. **One-on-One Investment Promotion Meetings (June 2 - 6) – assistance were in the form of logistics and management of the event. Ms. Mangila also served as resource person on some of the power issues that were discussed ;**
- c. **The Philippine Natural Gas Forum held at Mai Room, Imperial Hotel (June 5) – jointly organized by DOE and Japan Bank for International Cooperation (JBIC) , the forum gathered 48 participants, mostly senior officials, representing 22 investor companies, government institutions, contractors as well as technology service providers. Assistance of EETP was in the planning, organizing, providing logistics support for the presentation materials production and documenting the forum. It is worth noting that during the opening speech of DOE Secretary Vincent Perez, he acknowledged the contribution of USAID in making the forum possible.**
- d. **Nat Gas Investment Kit & Exhibit Poster - Undersecretary de Dios promoted the natural gas investment brochure developed by EETP as the basic reference material that tells the story of the Philippine gas industry from birth to redemption. On the exhibit, City Neon Philippines, Inc. was engaged to produce the nat gas poster, which was displayed in addition to other DOE materials.**



Task Name: Consumer Education Roundtable Discussion: "Power to Electricity Consumers"

Type of Activity: Communication and Outreach

Period Undertaken: May 30, 2003

Partner Institution: Ateneo de Manila University

EETP jointly conducted with Ateneo Center for Social Policy and Public Affairs (ACSPPA) a forum entitled **A Roundtable Discussion on Consumer Education: Power to Electricity Consumers** last May 30, 2003, at the ACSPPA Conference Room from 1:00 - 5:00 PM. A total of 18 participants from the academe, business groups, consumer groups, NGOs/POs and government agencies attended the event. The objectives of this activity were:

- a. to present the proposed education campaign of DOE and NASECORE to representative stakeholders and discuss how to strengthen and improve it for actual implementation; and
- b. to design a framework for an effective Consumer Education Program, considering the existing program formulated by DOE in relation to the Electric Power Industry Reform Act (EPIRA).

Speakers and their respective topic on the said event include:

TOPIC	SPEAKER
Background on the Implementation of the EPIRA;	Dr. Fernando Roxas, EETP Consultant
DOE's Consumer Education Program	Lani Cortes, DOE Consumer Welfare Promotion Office
NASECORE's Proposed Education Campaign.	Dick Echavez, NASECORE

The discussion was facilitated by Ms. Norlie Quesada of ACSPPA. At the end of the activity, the participants agreed that the message and content of the information dissemination campaign will be on the true cost of power based/according to the levels of awareness of the sectors involved. In addition, they agreed to advocate for the de-politicization of the power industry by advocating the true cost of power.



Workshop on “Managing Power Supply Contracts & Financing Rehabilitation and Expansion Projects”

Period Undertaken: June 5 – 6, 2003

Component: Institutional Capacity Building

Experts: Dr. Fernando Y. Roxas
Atty. Ramon Chingcuangco

The EETP supported the DOE in conducting a seminar for the Electric Cooperatives (ECs) of the islands of Panay and Negros on “Power Supply Contracting And Project Financing”. Held in Sampaguita Gardens, New Washington, Aklan on June 5 and 6, the 2-day seminar aimed to:

- 1) Provide guidance to the ECs in undertaking power supply contracting with Independent Power Producers (IPPs) in accordance with the provisions of EPIRA and WESM Rules; and
- 2) Equip the ECs with the knowledge necessary to survive and succeed in a deregulated energy industry.

EETP consultants, Dr. Fernando Y. Roxas and Atty. Ramon Chingcuangco, joined the pool of resource speakers comprised of experts from the PDOE, US-DOE and Philexim/Landbank, in presenting on topics ranging from power supply contracting, forecasting and project financing. At the end of the seminar, the participants expressed their appreciation and gratitude to the DOE and the resource speakers for imparting their expertise on the various topics. As a general sentiment, the participants felt that the seminar provided the ECs with enough information to evaluate current negotiations and future contract deals. More importantly, the seminar was a proof that the interests of the ECs in the rural areas are now being given due consideration and attention.



Task Name: Review and Analysis of House Bill No. 5771 – Draft Renewable Energy Bill

Type of Activity: Policy Implementation

Period Undertaken: June 15-30, 2003

Expert: Victoria Lopez

Ms. Victoria Lopez of Sibol ng Agham at Teknolohiya (SIBAT) was engaged last June 15-30, 2003 to analyze the draft renewable energy (RE) bill. The report entitled *Review and Analysis of House Bill No. 5771 – Draft Renewable Energy Bill*, discussed the consultant's analysis of the draft bill's underlying policy framework, stated and identified the gaps, weaknesses, and recommended general principles/strategies for addressing these. In addition, the study tackled some specific provisions in the bill and evaluated whether the statements are consistent with the Electric Power Industry Reform Act (EPIRA) and other existing laws related to RE. As a conclusion, the study provided recommendations on how to further enhance the bill and cited specific issues/areas that need to be addressed, using as basis, theoretical principles and/or best practices/experience. This study served as additional input to DOE in enhancing the draft bill filed in the House Committee on Energy.



Task Name: NASECORE Forum on "Power Issues & Opportunities for Consumer Empowerment Under EPIRA"

Type of Activity: Communication and Outreach
Period Undertaken: June 19, 2003
Service Provider: NASECORE

In coordination with NASECORE and Ateneo de Manila School of Social Sciences (SSS), EETP conducted a forum entitled **Power Issues and Promoting Competition Under the EPIRA** last June 19, 2003 at the Audio Visual Room of SSS, Ateneo from 9:00 AM to 12:00 PM. A total of 50 participants from home owners associations, academe, NGOs, government and National Power Corporation (NPC) retirees attended the event. The primary objective of this forum was to bring EPIRA to the level of understanding of ordinary consumers by relating the different power issues in their day to day life. In addition, the forum aims to introduce the concept of competition to consumers, which in the future will give them the power to choose their own electricity suppliers. The speakers and their specific topics for this activity are the following:

TOPIC	SPEAKER
EPIRA Implementation and Assessment	Undersecretary Cyril del Callar, DOE
Meralco Refund	Engineer Mon Ramirez, People Opposed to Warrant less Electricity Raters (POWER)
PPA	Dick Echavez, NASECORE
New Monthly Bill	Atty. Maria Corazon Ginez, ERC Consumer Protection Office
Opportunities and Challenges for Consumer Empowerment	Pete Ilagan, NASECORE

In general, the discussions were focused on the issue of the Meralco Refund and power rates. The participants requested for a similar forum with more detailed discussion on these issues in their respective organizations.



Power Communication Forum: A Working Grid to Address the CNP Challenge

Period Undertaken: July 10, 2003

Component: Communication & Outreach

Experts: Corporate Image Dimension

Recognizing the importance of communicating "Energy" to the various stakeholders, the EETP, in partnership with DOE organized a one-day Power Communication Forum in Hotel Astoria, Pasig City on July 10, 2003. A total of 39 participants attended the event. They were high-level officials and representatives from the following EETP partner agencies:

- Department of Energy
- National Power Corporation
- National Transmission Corporation
- Power Sector Assets and Liabilities Management Corporation
- Department of Environment and Natural Resources
- Department of Trade and Industry
- Department of Transportation & Communications

The forum primarily aimed to equip the participants with the necessary communication skills in "communicating energy to stakeholders". An important part of the forum was a workshop that allowed the participants to brainstorm in identifying the key messages to the different target audiences. Asec. Lasse Holopainen of the DOE provided an overview of the Cebu-Negros-Panay (CNP) Power Situation, which served as the live case for the workshop. The sessions resulted in the development of different communication plans for the CNP Power Situation. Mr. Luis M. Morales, CID President and Mr. Winston A. Marbella facilitated and served as resource persons for the workshop sessions. The social marketing firm, Corporate Image Dimensions (CID) was subcontracted to manage the whole event.



Task Name: Management of the Regular Usec's Meeting for Implementation of the Clean Air Act

Type of Activity Policy Implementation

Period Undertaken October 2002 to Present

The EETP continuously provides support to the DENR in conducting and managing a regular meeting of GOP's Undersecretaries who are tasked to implement the Clean Air Act. These are the:

- Department of Environment and Natural Resources (DENR)
- Department of Energy (DOE)
- Department of Transportation and Communications (DOTC)
- Department of Trade and Industry (DTI)
- Department of Science and Technology (DOST)
- Metro Manila Development Authority (MMDA)

The regular Usecs' meeting has been responsible for the implementation of several key CAA provisions. Among these is the implementation of the mandatory emissions testing prior to registration. This important CAA provision was implemented as a result of continuous coordination between the DENR, DOTC and the DTI on the fast tracking of the accreditation and authorization of Private Emission Testing Centers (PETCs), a key element in the emissions testing program of the Government.

Resulting policy issues and other operational challenges of the PETCs were resolved in the regular meetings. Such challenges as the phased implementation of mandatory testing, policy issues on LGU operating as PETCs and crucial public awareness campaigns were discussed, resolved and acted upon through these meetings.

The Usecs meetings also became a venue in preparing for Operational Planning Workshop on the Implementation of the Clean Air Act, a workshop crucial in the re-focusing of efforts to implement the CAA to the doable priority actions.

Other issues currently being discussed and coordinated through the Usec's meetings are on the operationalization of the Air Quality Management Fund (AQMF), implementation of the Motor Vehicle Inspection System (MVIS), waste management, smoke belching, emission standard setting, status and review of IRR implementation, etc.



ANNEX 5

**List of all consultants, sub-contractors,
service providers & partners**

**ANNEX 5
FOREIGN & LOCAL EXPERTS**

LOCAL EXPERTS	ACTIVITY
Fernando Roxas	Act 2 - EPIRA Forums & Workshops
Arlene Lafrades	Act 2 - EPIRA Power Tracker & TNA
Alexander Ablaza	TNA
Rene Lambuson	TNA
C.Villegas	TNA
Philip De Belen	TNA
Ramon Chingcuangco	Act 2 - EPIRA Forums & Workshops
Rowaldo Del Mundo	Act 1 - WESM & PGDC Harmonization & TNA
Victoria Lopez	Act 7 - Review of RE Bill
Flordelisa Andres	Act 6 - Dev't of Nat Gas Industry
Ana Uy	Act 6 - Dev't of Nat Gas Industry
Concepcion Ojeda	Act 6 - Dev't of Nat Gas Industry
Donato dela Cruz	Act 5 - PETC Monitoring & Evaluation
Danilo Mercado	Act 1 - WESM & PGDC Harmonization & TNA
Felino Balce	Act 4 - NPC Change Management
Rene Lamzon	Act 4 - NPC Change Management
Romeo Bernardo	Act 6 - CNG Pricing & Financial Incentives Study
Chistine Tang	Act 6 - CNG Pricing & Financial Incentives Study
Zarah Marie Pilapil	Act 2 - EPIRA Power Tracker
Evangeline Emerenciana	Act 2 - EPIRA Interim Technical Secretariat
Jude Estiva	Act 2 - EPIRA Interim Technical Secretariat
FOREIGN EXPERTS	ACTIVITY
Horace Crowe	TNA
Linda Breathitt	Act 8 - APEC Electric Supply Micro-Economic Reforms Conference
	Act 3 - ERC Fiscal Autonomy Study
Raj Addepalli	Act 6 - Nat Gas Briefings/Seminar
Frank Creamer	Act 6 - Nat Gas Briefings/Seminar
Roger Gibian	Act 6 - Nat Gas Briefings/Seminar
	Act 3 - ERC Fiscal Autonomy Study
John Ingersoll	Act 6 - Evaluation of Philippine NGV Program for Public Transport
	Act 6 - Evaluation of NGV OEM Models

Annex 5
AED-Manila issued Purchase Orders/Contracts
(Oct 2002 - July 2003)

Execution Date	P.O. #	Performance Period		DESCRIPTION	Activity & Task Name	SUBCONTRACTOR
Nov 11, 2002	001	Nov 11, 2002	Dec 20, 2003	Program Assistant	Training	Jay Vee Lyn Sison
Nov 11, 2002	002	Nov 11, 2002	Dec 20, 2003	Program Assistant	Communications	Donna Llaneta
Nov 19, 2002	003	Nov 19, 2002	Jan 19, 2003	Janitorial Service	Janitorial	Isidra Lava
Nov 30, 2002	004	Nov 30, 2002	Nov 30, 2002	Facilitator/Documenter	Act 5 - ROVE - PCAEF/Transport Forum Act 6 - Congress COE-TWG Briefing on NatGas Industry by DOE	Benilda R. Camba
Dec 4, 2002	005	Dec 04, 2002	Dec 11, 2002	Documenter	Act 8 - Special Projects - CNG Technical Seminar - Energy Week	Wadel S. Cabrera III
Dec 9, 2002	006	Dec 9, 2002	Dec 9, 2002	Documenter	Act 5 - ROVE - PETCAMVIS M&E System Workshop	AWMA - Cesar Pacheco
Jan 10, 2003	007	Jan 10, 2003	Jan 10, 2003	Documenter	Act 5 - ROVE - PETCAMVIS M&E System Workshop	COMSTRAT - Alain Muijon
Jan 18, 2003	008	Jan 18, 2003	Jan 18, 2003	Venue & Food	Act 5 - Legislative Briefing on NatGas Bill by DOE & ERC	Edsa Shangri-la Hotel
Jan 8, 2003	009	Jan 07, 2003	Jan 07, 2003	Printing	EETP Business Cards & Letter head	Emiluz Printing Industries
Jan 13, 2003	010	Jan 13, 2003	Jan 24, 2003	Program Assistant	EPIRA	Ava Cristina B. Palmaria
Jan 20, 2003	011	Jan 20, 2003	Jun 19, 2003	Janitorial Service	Janitorial	Isidra Lava
Jan 29, 2003	012	Jan 29, 2003	Jan 29, 2003	Car Spare parts	Battery	Motolite
Feb 6, 2003	013	Feb 5, 2003	Feb 7, 2003	Facilitator	Act 8 - Special Projects - MEDP Workshop	COMSTRAT - Enrique Nufiez
Feb 15, 2004	014	Feb 25, 2003	Feb 25, 2003	Facilitator	Act 2 - EPIRA - Strategic Planning Support to EPIAB	COMSTRAT - Enrique Nufiez
Apr 10, 2004	014-A1	Feb 15, 2003	Feb 25, 2003	Facilitator	Act 2 - EPIRA - Strategic Planning Support to EPIAB	COMSTRAT - Enrique Nufiez
Feb 6, 2003	015	Feb 6, 2003	Feb 7, 2003	Documenter	Act 8 - Special Projects - MEDP Workshop	COMSTRAT - Joyce Moral
Jan 14, 2003	016	Jan 14, 2003	Jan 16, 2003	Facilitator	Act 5 - ROVE - PETCAMVIS M&E System Workshop	Ms. Christine F. Reyes
Jan 14, 2003	017	Jan 14, 2003	Jan 16, 2003	Facilitator	Act 5 - ROVE - PETCAMVIS M&E System Workshop	Edith Landicho- Pimental
Feb 20, 2003	018	Feb 20, 2003	Feb 20, 2003	Printing	Act 8 - Nat Gas Industry Primer - CDs	Jess Ben Juan
Mar 1, 2003	019	1yr	1yr	Life Insurance	Life Insurance	Sun Life of Canada
Mar 3, 2003	020	1yr	1yr	AED Health Insurance	Health Insurance	Blue Cross Group of Companies
Apr 2, 2003	020-A1	1yr	1yr	AED Health Insurance	Health Insurance	Blue Cross Group of Companies
Feb 25, 2003	021	Mar 23, 2003	Mar 25, 2003	Subcontractor	Librarian services of AED references at UP/AED Office	Rheena Odullo-Alajo
Mar 1, 2003	022	Mar 8, 2003	Apr 4, 2003	Communications & Research	Act 7 - Energy-Environment Research Audit	Pulse Asia
Mar 3, 2003	023	Mar 3, 2003	Sep 3, 2003	Program Assistant	EPIRA	Ava Cristina B. Palmaria
Mar 6, 2003	024	Mar 6, 2003	Sep 6, 2003	Program Assistant	NATGAS	Ms. Patricia Angela M. Nebreja
Mar 24, 2003	025	Mar 24, 2003	Sep 24, 2003	Program Assistant	ROVE	Renselyn A. Benemerito
Mar 17, 2003	026	Mar 17, 2003	Mar 18, 2003	Legal Consultant	Review of contract lease for proposed new office in Ortigas	Ms. Conception Cjeda
Mar 17, 2003	027	Mar 17, 2003	Jun 20, 2003	Program Assistant	Training	Jay Vee Lyn Sison
Mar 17, 2003	028	Mar 17, 2003	Jun 20, 2003	Program Assistant	Communications	Donna Llaneta
Mar 28, 2003	029	Mar 15, 2003	May 3, 2003	Copy editing & graphics design	Act 6 - Nat Gas Industry Investment Kit for World Gas Conf	Artchive Graphics
Mar 28, 2003	030	Mar 28, 2003	Mar 28, 2003	Creative & Production Services	Act 6 - Nat Gas Industry Investment Kit for World Gas Conf	CAPRI-Ramon Osorio
Mar 28, 2004	30-A1	Mar 28, 2003	Mar 28, 2003	Creative & Production Services	Act 6 - Nat Gas Industry Investment Kit for World Gas Conf	CAPRI-Ramon Osorio
Feb 27, 2003	031	Feb 27, 2003	Feb 27, 2003	Carpenters	Office Shelves	Prudencio de Pedro

Annex 5
AED-Manila Issued Purchase Orders/Contracts
(Oct 2002 - July 2003)

Execution Date	P.O. #	Performance Period		DESCRIPTION	Activity & Task Name	SUBCONTRACTOR
Feb. 14, 2003	032	Feb. 14, 2003	Feb. 14, 2003	Printing	PCOMP Docs recorded from VHS to CD's for USAID use	Monillo C. Reyes
April 8, 2003	033	April 8, 2003	April 30, 2003	Temp Admin Assistant	Temp-sub for Laura Mateo (On medical/sick leave)	Jenny Rica
May. 1, 2003	033-A1	May. 1, 2003	May. 7, 2003	Temp Admin Assistant	Temp-sub for Laura Mateo (On medical/sick leave)	Jenny Rica
Feb. 15, 2003	034	Feb. 15, 2003	Feb. 26, 2003	Documenter	Act 2 - EPIRA - Strategic Planning Support to EPIAB	COMSTRAT - Joyce Moran
Mar. 18, 2003	035	Mar. 18, 2003	Mar. 18, 2003	Documenter	Act 5 - ROVE - PETCOMVIS M&E System Workshop	COMSTRAT - Alain Mullen
Feb. 18, 2003	036	Feb. 18, 2003	Feb. 18, 2003	Documenter	Act 5 - ROVE - PETCOMVIS M&E System Workshop	COMSTRAT - Alain Mullen
Mar. 4, 2003	037	Mar. 4, 2003	Mar. 4, 2003	Documenter	Act 5 - ROVE - PETCOMVIS M&E System Workshop	COMSTRAT - Alain Mullen
Apr. 24, 2003	038	Apr. 28, 2003	May. 16, 2003	Printing	Act 6 - Nat Gas Production of DOE's Nelgas Industry Investment kit	Jason Printing Press-Nelsan Cheng
April 25, 2003	039	Apr. 25, 2003	May. 16, 2003	Duplication & printing services	Act 8 - Special Projects Nat Gas Industry Investment kit for World Gas Conf	Direct Connections International Corporation
April 25, 2003	040	May. 13, 2003	May. 13, 2003	Venue & Food	Act 6 - Enhancement of Legislative Knowledge on Natgas	EDAS Shangri-la Hotel-Ofelia Peralta
April 30, 2003	041	Apr. 28, 2003	May. 16, 2003	Subcontractor	Act 8 - Special Projects - ROVE- Climate Change Info Center Manila Observatory	Fr. Daniel J. Monama, S. J.
May 5, 2003	042	Apr. 28, 2003	Apr. 29, 2003	Documenter	Act 8 - Special Pro. -EPIRA-Implementation of the SC Ruling on Maralco refund	COMSTRAT - Hubert Joaquin P. Bustos
May 6, 2003	043	Apr. 2003	May. 2003	Printing	Act 6 & 8 Nat gas Institutional Capacity Building	Nicadz Graphic Enterprise/Zenaida M. Agbon
May 8, 2003	044	May. 13, 2003	May. 16, 2003	Venue & Food	Act 6 - Enhancement of Legislative Knowledge on Natgas	Holiday Inn resort Clark Field-Grezen B. Dela Cruz
May 8, 2003	046	Mar. 17, 2003	Jun. 30, 2003	Creative & Production Services	Act 8 - Special Pro. -EETP Website development	Archive Graphics
May 8, 2003	047	May 23, 2003	May 23, 2003	Venue & Food	ROVE	IRTCF
May 9, 2003	048	May 9, 2003	May 9, 2003	Venue & Food	Act 8 - Special Pro. - EPIRA-Implementation of the SC Ruling on Maralco refund	Silver Cup Catering Services
May 15, 2003	049	May 15, 2003	May 15, 2003	Equipment	Project vehicle	Ford
May 19, 2003	050	May 19, 2003	May 19, 2003	Insurance Ford Vehicle	Insurance Ford Vehicle	Winebranner & Inigo Insurance Associates, Inc.
May 22, 2002	054	April 24, 2003	April 24, 2003		Independent investigation of 2 stolen PCOMP-acquired laptops used by EETP to support report to USAID	Secret Investigation & Security Corp

Annex 5
AED-Manila Issued Purchase Orders/Contracts
(Oct 2002 - July 2003)

Execution Date	P.O. #	Performance Period		DESCRIPTION	Activity & Task Name	SUBCONTRACTOR
May 28, 2003	058	May 28, 2003	May 30, 2003	Printing		Intermatrix Documents Solutions, Inc.
May 15, 2003	061	May 15, 2003	June 15, 2003	Temp Admin Assistant	Temp Sub for R. Montoya	Rowena Dela Cruz
June 10, 2003	062			Equipment	Office equipment	Silcon
June 11, 2003	063			Equipment	Act 2 - Computer Rental for EPIRA-ITS	PC Bodega
June 11, 2003	064	June 11, 2003	March 21, 2003	Temp Admin Assistant	Act 2 - Temp admin asst. for EPIRA-ITS	Jenny Pico
June 15, 2003	065			Equipment	Office equipment for conference room	Lana Trading Corporation
June 18, 2003	066			Equipment	Office equipment table for conference room	Modulecase
June 18, 2003	067	June 18, 2003		Forum	Activity 2 - EPIRA Electricity Rates Issue	NASECORE
June 19, 2003	068			Equipment	Office equipment/chairs for training room	Office warehouse
June 20, 2003	069	June 21, 2003		Subcontractor	Cleaning of unit 3602 Aed local office	NBN Janitorial service
June 20, 2003	070	June 21, 2003		Documentor	Act 1 - WESM/PGDC Harmonization 8 RTDs	Fidelio Ferraris
June 20, 2003	071	March 30, 2003		Documentor	Act 5 - ROVE Communication	Minam Peace
June 24, 2003	072			Equipment PABX	Office equipment telephone	Trivacom Enterprises
June 24, 2003	073			Equipment	Act 2 - Printer for EPIRA ITS	Adientmicro
June 25, 2003	074			Supplies	AED T-Shirts	Frevil Trading
June 23, 2003	075	June 23, 2003	December 23, 2003	Program Assistant	Communications	Donna Llaneta
June 23, 2003	076	June 23, 2003	December 23, 2003	Program Assistant	Training	Jay Vee Lyn Silon
June 23, 2003	077			Designing & Printing	Layouting of EETP brochure	Arhive Grapics
July 07, 2003	078	July 04, 2003		Facilitator	EETP Facilitator AED staff workshop	Christine Reyes
July 09, 2003	080	July 10, 2003		Venue & Food	Act 2 - Power Communication Forum	Astoria Plaza
July 09, 2003	081	July 09, 2003		Supplies	EETP Staff IDs	Personalized Greetings
July 01, 2003	082	July 01, 2003	July 31, 2003	Event Organizer	Act 2 - CNP Power Challenge	Ms. Charlyn Trinidad
July 07, 2003	083	July 07, 2003	July 10, 2003	Printing	Act 2 - Power Communication Pamphlet	Corporate Image Dimensions
July 23, 2003	084	August 1, 2003	Nov. 1, 2003	Computer Rental	Act 1 - WESM Computer Rental	A.S Computers
July 07, 2003	085			Printing	Act 2 - CNP Power Challenge Handouts	CAPRI-Ramon Osorio
July 07, 2003	085-1A			Printing	Act 2 - CNP Power Challenge Handouts	CAPRI-Ramon Osorio
June 20, 2003	086	June 20, 2003	December 19, 2003	Janitorial Service	Janitorial	Iaida Lava
July 07, 2003	087	July 25, 2003	July 25, 2003	Venue & Food	Act 2 - CNP Challenge Cebu Power Summit	Water Front Hotel
July 21, 2003	088	July 1, 2003	July 31, 2003	Facilitator	Act 5 - ROVE - CAA Operational Planning Workshop	Christine Reyes
July 21, 2003	089	July 1, 2003	July 31, 2003	Facilitator	Act 5 - ROVE - CAA Operational Planning Workshop	Phares Parayno
July 21, 2003	090	July 23, 2003	July 25, 2003	Venue & Food	Act 5 - ROVE - CAA Operational Planning Workshop	Tagaytay International Convention Center
July 22, 2003	091	July 25, 2003	July 25, 2003	Event organizer	Act 2 - CNP Power Challenge Press Conference	CAMP Cebu
July 22, 2003	092	July 25, 2003	July 25, 2003	Event organizer	CNP Power Challenge Feedback Consultation at Cebu	University of San Carlos
July 23, 2003	093			Printing	EETP Brochures	Arhive Grapics



ANNEX 6

**EETP Report at the 1st USAID-NEDA
Progress Implementation Review
Meeting of December 2002**



PARTNERSHIP FOR REFORMS IN ENERGY-ENVIRONMENT SECTOR MANAGEMENT

A Presentation to the Energy & Clean Air Partners
4 December 2002
Kamia Function Room, EDSA Shangri-la Hotel, Mandaluyong City

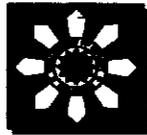


PRESENTATION OUTLINE

- 1. Program Overview**
- 2. Past Accomplishments under PCCMP**
- 3. Status of PREESM Activities**



PARTNER AGENCIES



DEPARTMENT OF ENERGY



ENERGY REGULATORY COMMISSION



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES



DEPARTMENT OF TRANSPORTATION & COMMUNICATIONS



DEPARTMENT OF TRADE & INDUSTRY PHILIPPINES



FOCUS AREAS

Implementation of the Electric Power Industry Reform Act (EPIRA)

Development of the

Development of the Renewable Energy (RE) Sector

Reforms for the Reduction of Vehicular Emission (RoVE)



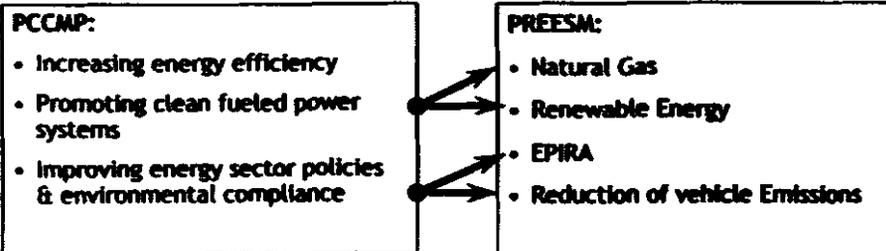
PROGRAM APPROACHES

- Policy Development & Implementation
- Energy & Environment Technical Training
- IEC & Social Marketing
- Donor Community Collaboration
- Stakeholder Involvement



HISTORICAL NOTE

PREESM builds on the accomplishments of the Philippines Climate Change Mitigation Program (PCCMP).





PAST ACCOMPLISHMENTS

(under the Philippines Climate Change Mitigation Program)

ACCOMPLISHMENTS UNDER PCCMP

Policy & Restructuring: EPIRA

- Passage of EPIRA and development of the EPIRA-IRRs
- IRR Nationwide Public Consultations
- Comprehensive Communication Support
- Capacity-building for WESM Implementation
- Strengthening government-academe partnerships to monitor the EPIRA implementation - CARES
- Development of EPIRA Monitoring & Evaluation System

Continuing

Continuing

Continuing

Continuing

PAST ACCOMPLISHMENTS UNDER PCCMP

Policy & Restructuring: EPIRA

- Technical Support for the Formation of ERC
- ERC Capacity Building
- Development & promulgation of the PGDC and its Implementation guidelines
- Development of ERC's regulatory guidelines under EPIRA
- Enhancement of ERC Website
- US Study tours for Congressional Delegations

Continuing

PAST ACCOMPLISHMENTS UNDER PCCMP

Policy & Restructuring: Nat Gas

- Technical support in development of:
 - > DOE's Nat Gas Regulatory and Policy Framework
 - > DOE Circular re Guidelines on Transportation, Distribution & Supply of Nat Gas
 - > Comprehensive legislation for the natural gas industry
- Roundtable Discussions on Nat gas policy

Continuing

PAST ACCOMPLISHMENTS UNDER PCCMP

Reduction of Vehicle Emissions (RoVE)

- Trainings for Assessor's on Private Emissions Testing Centers (PETC)
- Nationwide PETC Investors' Forums
- IEC & Framework Planning on Clean Cities Program
- Usec-Level "Gathering of Key Partners for Clean Air" (Usecs' Executive Meetings)

Continuing

Continuing

Continuing



STATUS OF PREESM ACTIVITIES

- Accomplished
- Ongoing
- Planned



ACCOMPLISHED ACTIVITIES

(October 2002 to date)

EPIRA

- Strategic Review of Progress of EPIRA Implementation (DOE)

Nat Gas

- Nat Gas Vehicle Conference (Washington DC) & related meetings (DOE & Calif. Bus Lines)

RoVE

- Support for Usecs' Exec. Meeting
- National Policy Dialogue on PETC Implementation (DTI)
- Transport Sector Convention (PCA)



ONGOING ACTIVITIES

EPIRA

- APEC-IFAT Workshop on Power Reforms (w/ DOE)
- Forum on TransCo Franchise Bill (w/ AIM)

RE

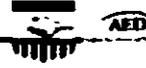
- Exhibit for DOE Energy Week
- RE Technology Forum (w/PHILREA)

Nat Gas

- Congress Briefings on Nat Gas
- CNG Technical Seminar (w/ AWMA)

RoVE

- IEC for PETCs
- Usecs' Exec. Meetings



PLANNED ACTIVITIES

EPIRA

- EPIRA Monitoring & Evaluation System
- ERC Capacity Building
- Organizational Development for PSALM, TRANSCO, NPC-SPUG
- WESM Trainings
- IEC Support for TRANSCO Franchise Bill
- Development of Investment Promotion and Consumer Education Collateral Materials



PLANNED ACTIVITIES

Renewable Energy

- IEC Support for passage the RE Bill
- Collaboration for the development of a comprehensive RE Policy and Regulatory Framework



PLANNED ACTIVITIES

Natural Gas

- Support for passage of Nat Gas Bill
- Capacity Building for DOE's Nat Gas Office
- Support to the Philippine Nat Gas Vehicle (NGV) Program
- Investment Promotions for Nat Gas industry



PLANNED ACTIVITIES

Reduction of Vehicular Emissions

- PETC Implementation
- MVIS Implementation
- Joint GOP Communication Plan
- Policy for Importation of 2nd hand vehicles
- Academic partnerships for clean air



ANNEX 7

EETP Report at the 2nd USAID-NEDA Progress Implementation Review Meeting of August 2003



ENERGY ENVIRONMENT TRAINING PROGRAM

**A Presentation to the Energy & Clean Air Partners
8 August 2003
Holiday Inn Galleria Manila, Ortigas Center,
Pasig City, Philippines**



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Presentation Outline

- **Program Overview**
- **Status of EETP Activities**
- **Lessons Learned**
- **Challenges & Opportunities**



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PROGRAM OVERVIEW

- Our Vision & Mission
- Our Partners
- Our Scope of Work



We Envision...

An energy environment sector that fosters dynamic, responsive, and strong public-private partnership in implementing reforms.

We Strive For...

Reforms in the energy-environment sector, by offering enabling opportunities in *policy development & implementation, institutional capacity building and communication & outreach.*



We partner with...

FEA
 ENERGY & AFFILIATED AGENCIES
 ERC
 ENERGY REGULATORY COMMISSION
 DNR
 DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
 DOT
 DEPARTMENT OF TRANSPORTATION & COMMUNICATIONS
 dti
 DEPARTMENT OF TRADE & INDUSTRY RELATIONS
 Wweek
 US-OCE
 NRECA
 IPC
 MO-CCIC
 AED
 American Electric Drives

We Focus On...

Implementation of the Electric Power Industry Reform Act (EPIRA)
 Development of the Natural Gas Industry
 Reduction of Vehicle Emissions (ROVE)
 Promotion of Alternative & Cleaner Fuels
 AED
 American Electric Drives



STATUS OF ACTIVITIES

- Completed (Oct '02 – Jul '03)
- Ongoing & Planned (Aug '03 – Jun '04)





Completed Activities & Impact on USAID SO4

Implementing the EPIRA

Strategic Goal:
Reduced electricity costs

Intermediate Goals:

- EPIRA-RR signed
- DOE's utility regulations
- ERC streamlined







Policy Development & Implementation

- DOE Plan's Workshop on the Missionary Electrification Development Plan
- Policy Review & Stakeholder Consultations to Harmonize the WESM Rules and PGDC
- ERC Fiscal Autonomy Study
- Inputs to DOE's JCPC Report



Institutional Capacity Building

- ASEAN Conference on Microeconomic Reforms in the Electricity Supply Industry
- Organizational Development Support for NPC's EPIRA-Mandated Reorganization
- Workshop on "Managing Power Supply Contracts & Financing Rehabilitation and Expansion Projects" for Panay Electric Coops



Microeconomic Reforms in the Electricity Supply Industry Workshop
December 12 - 13, 2002
Shangri-la Mactan Resort, Cebu City





Communication & Outreach

- Energy Week: Exhibit & Forums on Compressed Nat Gas (CNG) & Renewable Energy (RE) Technology Updates
- Audit of Researches on Energy Sector Knowledge, Attitudes & Practices (KAP)
- DOE Public Consultation on the Meralco Refund
- Communication Training for the ERC



Communication Training for ERC
March 24 - 25, 2003
CAPRI, Makati City



Communication & Outreach

- Forum on Power Issues & Opportunities for Consumer Empowerment Under EPIRA
- Forum on "Power Communication"
- Communication Program to Address the Cebu-Negros-Panay (CNP) Power Challenge



Power Summit on the CNP Challenge
25 July 2003
Waterfront Hotel, Cebu City



USAID

Completed Activities & Impact on USAID SO4

Development of the Philippine Natural Gas Industry

Strategic Goal:
Expanded use of Renewables & Clean Fuels

Intermediate Results:
Nat Gas Regulatory Framework developed

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USAID

Policy Development & Implementation

- **Policy Review & Analysis:**
 - > DOE Circular on the "IRR Governing Natural Gas Transmission, Distribution & Supply"
 - > Nat Gas Bill
- **Technical Evaluation of the Nat Gas Vehicle Program for Public Transport**
- **Pricing & Financial Incentives Study for use of CNG Fuel**



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Policy Development & Implementation

- **DOE Technical Briefings on the Nat Gas Bill for:**

- > Congress – HOR Committee on Energy (COE)
- > GOP Representatives in Congress – HOR COE Technical Working Group



Institutional Capacity Building

- Briefing for Top Government Officials on "The Philippine Natural Gas Industry: A Macro Perspective"
- 3-day Seminar on the Nat Gas Industry for GOP Executive Branch Technical Staff



Seminar on Natural Gas Industry
Holiday Inn, Mimosa, Pampanga
May 14 - 16, 2003



USAID

Communication & Outreach

- **Development of the DOE's Official Philippine Nat Gas Investment Kit**
- **DOE Participation in International Conferences:**
 - > World NGV Conference, Washington, DC
 - > World Gas Conference in Tokyo, Japan
 - > Better Air Quality, Hong Kong



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USAID

Completed Activities & Impact on USAID SO4

Reduction of Vehicle Emissions (ROVE)



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Policy Development & Implementation

Monitoring & Evaluation System (M&E) for Private Emission Testing Centers (PETC):

- > Expert Advisory
- > DOTC-Transport Sector Consultation
- > GOP Roundtable Discussion
- > Joint Administrative Order (DOTC-DTI-DENR)



Roundtable Discussion to Finalize the Draft PETCMVIS M&E Guideline
3 March 2003
Environmental Science Institute, Miriam College



Institutional Capacity Building

- PETC Assessment
 - > On-the-job training for DTI's regional assessors
 - > Policy dialogue of DTI head office & regional directors
- Operational Planning Workshop on CAA Implementation



CAA Operational Planning Workshop
Tagaytay International Convention Center
July 24-26, 2003





Communication & Outreach

EETP – Miriam PEACE Partnership:

- "Clean Air Now" Forum & Street Campaign
- "Iwas Usok" Info Campaign
- "Usapang Trike"
 - > "Usapang Motor" on Technological Interventions for Tricycles
 - > Forum for QC-TODAs on Compliance to CAA Emission Standards
 - > NACTODAP Forum on 2 & 4-Stroke Engines
 - > "Usapang Legal" on Tricycle Franchising



Usapang Motor
 RTD on Technological Interventions for Tricycles
 February 12, 2000
 Environmental Studies Institute, Miriam College



Completed Activities & Impact on USAID SO4

Promotion of Alternative & Clean Fuels

Strategic Goal:
 Expanded use of
 Renewables &
 Clean Fuels

Intermediate
 Results:
 Increased use of
 alternative fuels
 • RE Bill supported





- Policy Review & Analysis of the Renewable Energy (RE) Bill

Communication & Outreach

- Forum on Coconut Methyl Ester (CME) in Petroleum Diesel Fuel: A Cleaner Alternative Fuel for the Land-based Transportation Sector



Forum on CME in Petroleum Diesel Fuel
TUP, May 23, 2003



Ongoing & Planned Activities (August '03 – June '04)





Ongoing & Planned Activities

- 1 Technical Support in Establishing the WESM
- 2 Program Mgt Support for DOE in Implementing the EPIRA
- 3 Strengthening the ERC
- 4 Support to NPC in Change Mgt
- 5 Reduction of Vehicle Emissions
- 6 Facilitating the Dev't of the Phil. Nat Gas Industry




1 Technical Support in Establishing the WESM

- Harmonization of the WESM Rules & the PGDC (May - Aug '03)
- Appreciation Seminar on Electricity Markets (Sept '03)
- Communication & Outreach Support





2 Management Support for DOE in the Implementation of EPIRA

- EPIRA M&E System - "Power Tracker" (Apr - Sept '03)
- Strategic Technical Advisory Group (Dec '02 - Dec '03)
- Interim Technical Secretariat (June '03 - Mar '04)
- Effective Customer Service Training
- Development of EPIRA Collaterals
- Acade-based Forums on EPIRA Implementation
- Communication Program to Address CNP Power Supply Challenge



3 Strengthening the ERC

- HRD Strategic Assessment & Planning
- Customized Trainings on:
 - > Best Practices on Effective Administration of a Regulatory Agency
 - > PGDC in Support Investigation & Enforcement Functions
 - > Market Monitoring & Surveillance
 - > Effective Communication
- Joint Trainings with DOE & Affiliates on:
 - > Seminar on Electricity Markets
 - > Training on Effective Customer Service





Support to NPC In Change Management

- Strategic Planning Workshop
- Design and Implementation of NPC Strategy on Organizational Transformation and Culture Building
- Trainings on Effective Communication and Customer Service



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Reduction of Vehicle Emissions (RoVE)

- Training for DOTC-DTI-DENR Task Force on M&E of PETCs
- "Usapang Trike"
- Philippine Clean Cities Campaign
- Usecs' & TWG Meetings on CAA Implementation
- Integrated Communication Planning



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Facilitating the Dev't of the Phil Nat Gas Industry

- Policy Studies (June – Sept '03) on:
 - Technical & Safety Standards & Implementation Procedures for the Nat Gas Industry
 - Comparative Technical & Economic Analysis of OEM – NGVs
- Study Tour on Thailand's Nat Gas Industry (Sept '03)




LESSONS LEARNED

- Technical Needs Assessment (TNA) of the sector is necessary for identifying GOP partner's priorities.
- An M&E System can facilitate continuing assessment of the technical needs of government agencies.
- The academe is an effective partner.
- Communicate! Communicate! Communicate!
- Usece's Informal Meetings encourage more inter-agency coordination.





CHALLENGES & OPPORTUNITIES

- Stronger GOP "Counter-parting" for Ownership of Activity Outcomes
- Organizational Readiness to Absorb Knowledge for More Effective Technology Transfer
- Larger Pool of Local Consultants for Sustainability of Reforms
- Wider Use of Information Technology for Improved Governance



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COMING SOON...

THANK YOU!

