

**SCHEDULE OF FEES AND CHARGES  
CY 2013**

In compliance with Administrative Order No. 31 dated October 1, 2012 directing and authorizing all heads of departments, bureaus, commissions, agencies, offices and instrumentalities of the National Government including Government-Owned or Controlled Corporations (GOCCs), to rationalize the rates of their fees and charges, increase their existing rates and impose new fees and charges pursuant to DOF-DBM-NEDA Joint Circular No. 1-2013 dated 30 January 2013, Implementing Rules and Regulations of Administrative Order No. 31, series of 2012, following are the revised fees and charges to be collected by the Department of Energy effective fifteen (15) days after the posting of the new schedule of fees and charges in the agency's website or in a conspicuous place in the office premises both at the head or central office and in all field or branch offices.

NAME OF FEE	Amount	
	(PhP)	(US Dollar)
<b>FEES COLLECTED BY RENEWABLE ENERGY MANAGEMENT BUREAU (REMB)</b>		
* (formerly Renewable Energy Division under the Energy Utilization Management Bureau)		
1. Application of Manufacturers, fabricators, & Suppliers of Locally Produced RE Equipment		
a. Application Fee		
b. Processing Fee	1,000.00	
2 Registration/Renewal of Safety Officer's Permit	9,200.00	
3 Endorsement to Security and Exchange Commission (SEC)	550.00	
4. Sale of Renewable Energy Safety, Health and Environment Rules and Regulations and Code of Practice per Technology	800.00	
5. DOE Sticker for Duty Free Importation Certificate		
a) small sticker		400.00
a) big sticker	100.00	
	300.00	
<b>A. Biomass Energy Management Division</b>		
1. Processing of Biomass RE Application under RA 9513	12,650.00	
2. Processing of Biofuel Accreditation under Joint Administrative Order	9,200.00	
<b>B. Geothermal Energy Management Division</b>		
<i>(formerly under the Energy Resource Development Bureau)</i>		
1. Application/Processing of Geothermal Contract Application under RA 9513		
a) Application Fee (PhP/area applied)	11,600.00	
b) Processing Fee (PhP/ha applied) for service contract	6.50	
c) Processing Fee for operating contract (fee is set to a minimum of 1 block (81 hectares) or whichever is higher)	6.50	
2 Processing of New Certificate of Registration (Assignment/Transfer of Contract)	4,350.00	
3 Sale of Geothermal Handbook	400.00	
4 Processing of Endorsement for the following:		
a) Blasting Foreman's License	1,000.00	
b) Explosives License/Amendments to License	1,000.00	
c) Purchase/Transfer Explosives	1,000.00	
<b>C. Solar and Wind Energy Management Division</b>		
1. Application/Processing of Solar/Wind Contract Application under RA 9513		
a) Application Fee (PhP/area applied)	11,600.00	
b) Processing Fee (PhP/ha applied) for service contract ( a minimum of 1 block (81 hectares) or whichever is higher)	6.50	
2 Processing of New Certificate of Registration (Assignment/Transfer of Contract)	4,350.00	
<b>D. Hydro and Ocean Energy Management Division</b>		
1 Application fee for		
a) ocean energy service contract	1,000.00	
b) hydropower service contract	1,000.00	
1. Application/Processing of Hydropower/Ocean Contract Application under RA 9513		
a) HSC Application Fee (PhP area applied) Pre-Development	23,850.00	
b) OESC Application Fee (PhP/area applied )Pre-Development	23,850.00	
c) HSC Application Fee (PhP area/applied) Direct to Dev't. Stage	23,850.00	
2 Processing of New Certificate of Registration (Assignment/Transfer of Contract)	4,350.00	
3 Processing of Conversion of Existing Energy Contracts into RE Service Contracts	4,350.00	
4 Processing of Endorsement for the following:		
a) Blasting Foreman's License	1,000.00	
b) Explosives License/Amendments to License	1,000.00	
c) Purchase/Transfer Eplosives	1,000.00	
* Renewable Energy Management Bureau was established per DO 2009-07-0010 under RA 9513 or RE act of 2008		

NAME OF FEE	Amount	
	(PhP)	(US Dollar)
<b>FEEs COLLECTED BY FINANCIAL SERVICES (FS)</b>		
<b>Compliance Division</b>		
Charges/Income collected are based on the provisions of the pertinent Presidential Decrees and/or Service Contract		
<b>Government Share</b>		
1. Coal PD 972	30% of net proceeds	
2. Petroleum PD 87	60% of net proceeds	
3. Geothermal Service Contract (RA 9513)	1.5% of gross income	
4. Solar, Wind, Hydro & Ocean (under RA 9513)	1% of gross income	
<b>FEEs COLLECTED BY THE ENERGY UTILIZATION MANAGEMENT BUREAU (EUMB)</b>		
<b>A. Energy Efficiency and Conservation Division (ECCD)</b>		
1. Boiler Efficiency Testing (Thermal Efficiency Testing)		
Measuring SOX, NOX, O2, CO & CO2 emissions	15,480.00	
Measuring O2, CO & CO2 emissions	7,980.00	
2. Detailed Energy Audit	39,200.00	
3. Detailed Energy Audit with Thermal Efficiency Testing	45,200.00	
4. Electrical System Audit		
With Thermal scanning	37,700.00	
Without Thermal Scanning	31,700.00	
5. Preliminary Energy Audit	20,200.00	
6. Equipment Rental		
Energy Analyzer	15,300.00	
Thermal Scanner "Therma Snap"	21,850.00	
Flow Meter	4,250.00	
Flue Gas Analyzer	12,700.00	
Lux Meter	1,900.00	
Multimeter	2,160.00	
7. ESCO Accreditation		
Application/Processing Fee	5,000.00	
Issuance of Certification	10,000.00	
<b>B. Alternative Fuels and Energy Technology Division (AFETD)</b>		
1. Processing fee for the application for Certificate of Authority to Import (CAI) for Natural Gas Vehicle Program for Public Transport (NGVPPT)	750.00	
2. Processing fee for the application for Certificate of Accreditation (CA) for NGVPPT	5,000.00	
<b>FEEs COLLECTED BY OIL INDUSTRY MANAGEMENT BUREAU (OIMB)</b>		
1. Acknowledgement of notice prior to importation/exportation (per notice) pursuant to RA 8479		
Notice prior to importation	350.00	
Notice prior loading requirement	350.00	
Notice to Purchase Local Monthly Allocation	350.00	
2. Endorsement to SEC/MARINA	500.00	
<b>A. Oil Industry Competition &amp; Monitoring Division (OICMD)</b>		
1. Issuance of Certifications to downstream oil industry players	500.00	
2. Acknowledgement of notice/engagement in the downstream oil industry	1,000.00	

NAME OF FEE	Amount	
	(PhP)	(US Dollar)
3. Endorsement to BCI for: a) Registration of a new project b) Availment of Incentives (per project)	1,000.00 1,200.00	
4. Export Incentives under LOI 1352	400.00	
<b>B. Oil Industry Standards &amp; Monitoring Division (OISMD)</b>		
1. Additives Registration (provisional/final) Certificate of Fuel Additive Registration	2,000.00	
<b>C. Retail Marketing and Monitoring and Special Concerns Division (RMMSCD)</b>		
1. Acknowledgement of notice/engagement in the downstream oil industry	500.00	
2. Certification -LPG Outlets -LPG Refilling Plant -LPG Dealer -LPG Retail Outlet	550.00 550.00 550.00 550.00	
3. Application fee for Gasoline Station Training and Loan Fund (GSTLF)	5,500.00	
4. Certificate of Compliance for LPP Establishments	3,000.00/3years	
5. Standard Compliance Certificate and Certificate of Non-Coverage for AUTD LPG Stations	3,000.00/3 years	
<b>RENEWAL OF CERTIFICATE OF COMPLIANCE</b>		
1. Certificate of Compliance for LPP Establishments	2,500.00/for 3 years	
2. Standard Compliance Certificate and Certificate of Non-Coverage	2,500.00/for 3 years	
<b>D. Natural Gas Division</b>		
1. For filing an application for the grant of permit or other form of authorization to construct, install, own, operate and maintain pipeline system to transport energy resources	PhP 10.00 per meter of pipeline	
2. Processing fee for permit application for LNG terminal and related facilities	PhP 113,000 per project application	
3. Processing fee for permit application for CNG and related facilities	PhP 93,000 per project application	
4. Processing fee for permit application for supply of natural gas	PhP 81,000 per project application	
5. Annual fee for the regulation and supervision of pipeline & Transmission and or Distribution -related facilities	PhP 41,000 per facility	
<b>FEES COLLECTED BY THE ELECTRIC POWER INDUSTRY MANAGEMENT BUREAU (EPIMB)</b>		
1. Endorsement to SEC  Certificate of Endorsement (CoE) to Energy Regulatory Commission (ERC) Issued by the Department of Energy (DOE) to a Generating Company and/or New Generating Facility in compliance with Part II Rule 5 and Part V, Rule 29-A of the Implementing Rules and Regulations of Republic Act No. 9136	500.00  Less than 1MW PhP 500.00 1 MW to less than 10MW PhP 1,000.00  10MW and above PhP 10,000.00 or PhP 100.00/MW whichever is higher	
<b>FEES COLLECTED BY THE ENERGY POLICY AND PLANNING BUREAU (EPPB)</b>		
1. Philippine Energy Plan (PEP) a. Published version b. Digital CD copy  * PEP cost for private companies and institutions only	2,000.00 500.00	
2. Household Energy Consumption Survey (HECS) Report 2011	600.00	

NAME OF FEE	Amount	
	(PhP)	(US Dollar)
<b>FEES COLLECTED BY THE LEGAL SERVICES (LS)</b>		
<b>CONTRACTS AND NEGOTIATION DIVISION</b>		
a. Tax-Exempt Importation Certificate (Application) For Renewal Petroleum Coal  Geothermal  Mini-Hydro	750/application 350/renewal 750/application 750/application  750/application  750/application	
b. TEC Exportation Application Fee	750/application	
c. TEC Sale/Disposition Application Fee	750/application	
d. TEC Transfer Application Fee	750/application	
<b>HEARING DIVISION</b>		
a. Filing fee for complaint (DOE Circular No. 2002-07-004 dtd. 31 July 2002)		10,000.00
b. Filing fee for an appeal (DOE Circular No. 2002-07-004 dtd. 31 July 2002)		10,000.00
c. Filing fee for an application for the grant of permit or other forms of authorization to construct, install, own, operate and maintain pipeline system to transport energy resources (DOE Circular No. 2002-07-004 dtd. 31 July 2002)	10.00/meter of pipeline	
<b>FEES COLLECTED BY THE ENERGY RESOURCE DEVELOPMENT BUREAU (ERDB)</b>		
<b>A. Petroleum Resources and Development Division (PRDD)</b>		
1. Application Fees for Exploration Permits a. Service Contract b. Gratuitous Permit	48/hectare	1,000.00
<b>B. Coal and Nuclear Mineral Resources Development Division (formerly Coal and Mineral Resources Division)</b>		
1. Processing of Coal Operating Contract under DOE Circular No. DC2006-12-0014 a. Processing Fee (PhP/block applied) for coal operating contract		30,000.00
2. Processing of Small-Scale Coal Mining Permit		1,000.00
3. Processing of Reconnaissance Permit Application (one coal block or fraction thereof)		5,200.00
4. Registration/Renewal of Safety Engineer's and/or Temporary Safety Engineer's Permit		550.00
5. Registration/Renewal of Safety Inspector's Permit		550.00
6. Processing of Endorsement for the following a. Blaster Foreman's License b. Amendments to Explosive Purchaser's License c. Permit to Purchase and Move Explosives d. Endorsement to Security and Exchange Commission (SEC)		1,000.00 1,000.00 1,000.00 800.00
7. Application for Authority to Import Coal and Its Derivatives (per shipment / application): a. Application Fee b. Permit Fee		650.00 650.00
7. Coal Export Clearance/Permit* a. Application Fee b. Permit Fee		650.00 650.00
8. Sale of a. Safety and Health Standards for Coal Mines and Code of Practice (booklet) b. Guidelines for Coal Operations in the Philippines		400.00 250.00

NAME OF FEE	Amount	
	(PhP)	(US Dollar)
c. DOE Sticker for Tax-Exempt Equipment (big and small labels)		
Big sticker		300.00
Small sticker		100.00
11. Processing of Coal Traders Accreditation		3,500.00
12. Processing of Coal-End Users Registration		5,000.00
<b>FEES COLLECTED BY THE INFORMATION TECHNOLOGY AND MANAGEMENT SERVICES (ITMS)</b>		
<b><u>A. Information and Data Management Division (IDMD)</u></b>		
<b><u>Energy Data Center of the Philippines</u></b>		
<b>A. Data Fees</b>		
<b>1. Seismic Data</b>		
<b>a. Paper Seismic Sections</b>		
	40.00/line-km - 2D seismic lines	
<b>b. Seismic Section Perusal Fee</b>		
	60.00/Seismic Section	
<b>c. 2D Digital Seismic Data (SEG Y filed on CD)</b>		
	470.00/line-km with navigation data	
<b>d. 3D Digital Seismic Data (SEG Y filed on CD or Exabyte tape)</b>		
	18,800.00/square km.	
<b>e. Seismic Navigation Data (UKOAA)</b>		
	5,000.00/3.5" disk	
<b>f. Seismic Line Intersection file (ASCH)</b>		
	800.00/3.5" disk	
<b>2. Wireline Data</b>		
<b>a. Paper Wireline Data</b>		
	1.00/ft. of log depth - Pre 1987 wireline data	
	2.00/ft. of log depth - 1987 to recent wireline data	
<b>b. Wireline Data Perusal Fee</b>		
	500.00/Wireline Data	
<b>c. Digital Wireline Data (LAS/LIS files on CD or floppy disk)</b>		
	27,500.00/well up to maximum of 12,000 ft. log depth	
	Additional 1,000.00 for every 1,000 ft. or fraction thereof for log depth >12,000 ft.	
<b>3. Well Reports (Petroleum)</b>		
<b>a. Well Completion/Final Well Reports - Paper Copy</b>		
	5,500.00/report	
<b>b. Specialized Well Reports - Paper Copy</b>		
	2,750.00/report	
<b>c. Well Reports Perusal Fee</b>		
	100.00/report	
<b>4. General Reports (Petroleum)</b>		
<b>a. General Report - Paper Copy</b>		
	3,900.00/report	
<b>b. General Report Perusal Fee</b>		
	60.00/report	
<b>c. 1994 AGSO Report</b>		
		1,000.00

NAME OF FEE	Amount	
	(PhP)	(US Dollar)
d. World Bank Report (digital in PDF and TIFF on CD)		18,000.00/set (digital)
e. 1983 Questor Aeromagnetic Survey Report	30,000.00/set	
f. Assessment of Philippines Energy Potential Using Radar Imagery	18,000.00	
<b>5. Maps, Charts and Drawings</b>		
a. Consolidated Shotpoint Location Map - Paper Copy	120.00/sheet	
b. Aeromagnetic Maps - Application Color (37 sheets/set)		720.00/set
c. Aeromagnetic Maps - Datchrome Maps (37 sheets/set)		720.00/set
d. Aeromagnetic Maps - Isogram Maps (B/W, 37 sheets/set)		360.00/set
e. Aeromagnetic Maps - Isogram Maps (B/W, per sheet)		12.00/sheet
f. Other Maps, Charts and Drawings - Paper Copy	50.00/sheet (reproduction cost not included)	
1. Service Contract Map	1,500.00	
2. Well Location Map	1,500.00	
3. Seismic Coverage Map	1,250.00	
4. Aeromagnetic Survey Coverage Map	1,250.00	
5. Sedimentary Thickness Map	1,250.00	
6. Hydrocarbon Potential Map	1,250.00	
7. Land Sat Study	1,200.00	
<b>6. Well Cores, Cuttings and Field Samples</b>		
a. Unwashed ditch cuttings	9.00/gram	
b. Washed ditch cuttings (Unsieved)	16.00/gram	
c. Washed ditch cuttings (Sieved)	20.00/gram	
d. Core Samples	33.00/gram	
e. Field Samples	6.00/gram	
f. Cabinet Storage Fee	15.00/cubic ft./month	
g. Shelf Storage Fee	9.00/cubic ft./month	
<b>7. Well and Seismic Digital Tapes</b>		
a. Tape Rental (Well and Seismic Digital Tapes)	106.00/tape/week	
b. 1983 Questor Aeromagnetic Survey -		2,500.00/set or 100.00/tape
c. Magnetic Tape Copying	100.00/tape	
d. Magnetic Tape Storage Fee	4.00/reel or tape/mo.	
<b>8. General and Well Reports (Geothermal, Coal and Renewables)</b>		
a. General Geothermal and Coal Reports	2,300.00/report	
b. Geothermal Well Reports	3,300.00/report	
c. Perusal Fee	100.00/report	
<b>Scanning</b>		
A. Scan to file (well reports to legal size)		10.00
B. Wide Format Scanning (maps and logs)		0.40

NAME OF FEE	Amount	
	(PhP)	(US Dollar)
<b>DOE Library</b>		
1. Photocopying		
a. Letter size (8.5" x 11"); Legal size (8.5" x 14")	2.00/page	
b. 11" x 17"	2.00/page	
2. Microfiche/Microfilm Printing	7.00/page	
<b>INFORMATION TECHNOLOGY AND MANAGEMENT SERVICES INFORMATION SERVICES DIVISION Proposed Fees and Charges</b>		
<b>Infographics Section</b>		
<b>A. Reprographics Services</b>		
1. Engineering Copier		
a. White Bond	140.00/sq. m.	
b. .004 Double Matte Film		
2. Maps/Graphics/Scanned Images/Printing/Plotting (include map preparation)		
1. Page Size		
a. Letter size (8.5" x 11")	125.00/sheet	
b. Legal size (8.5" x 14")	125.00/sheet	
Large Format		
a. 30" x 40"		
Glossy	2,800.00/sheet	
Bright White	1,800.00/sheet	
b. 24" x 32"		
Glossy	1,800/sheet	
Bright White	1,150/sheet	
c. For other maps sizes		
Glossy	3,600/sq.m.	
Bright White	2,300/sq.m	
d. HP Special Paper (A0 size)	1,400.00/sheet	
e. HP Special Paper (A1 size)	720.00/sheet	
f. HP Special Paper (A3 size)	220.00/sheet	
g. HP Special Paper (A4 size)	110.00/sheet	
h. Reproducible film (A0 size)	1,600.00/sheet	
i. Cultural Data (Petroseis or Autocad format)	5,000.00/3.5" disk	
3. C. Scanning	60.00/data item	
<b>B. Geomatics Section</b>		
A. Field verification survey	3,400.00/man/day	
B. Verification of survey returns		
1. Tracing Cloth/Mylar Film Plan	600.00/plan	
2. Fieldnotes, Computations, etc.	15.00/sheet	
C. Horizontal Control Survey/ Vertical Control Survey	25,000.00/km.	
* Note		
<i>For digital copies of maps, charges and fees are the same with paper copies. However, Terms of Use for Recipients of Electronic Data shall be conformed and signed by the Client</i>		
<b>FEES COLLECTED BY THE ADMINISTRATIVE SERVICES (AS)</b>		
<b>A. General Services Division</b>		
1. Use of AVR (for outsider)	750.00/hour	
3. Photocopying services (for outsider)	2.00/copy	
3. Bid Document (based on GPPB issuances)		
4. Non-refundable Bid Fees (Unserviceable/Assets for Disposal) (based on COA appraisal)		
<b>Note:</b> 20% discount for students based on the total amount of photocopying services		

NAME OF FEE	Amount	
	(PhP)	(US Dollar)
<b>FEES COLLECTED BY ENERGY RESEARCH TESTING LABORATORY SERVICES (ERTLS)</b>		
<b>A. GEOSCIENTIFIC RESEARCH AND TESTING LABORATORY</b>		
Oil and Gas Section		
<b>COST ANALYSIS</b>		
Laboratory Services		
<b>A. CRUDE OIL</b>		
1. C12+ Components of Whole Oil/Saturate Fraction		3,950.00
2. Extractable Organic Matter (EOM)		5,220.00
3. Liquid Chromatography Separation of EDM/Whole Oil Into Saturates, Aromatics and NSO Aromatics and NSO		4,050.00
4. Fractional Distillation of Crude Oil		1,880.00
5. Separation of Crude Oil/Petroleum for Water & Separation		600.00
6. Degree API Gravity of Oil Containing Water & Sediments		590.00
7. Degree API Gravity (no sample prep)		450.00
<b>B. SOURCE ROCK AND CUTTINGS</b>		
1. Determination of Total Organic/Inorganic Carbon		3,050.00
2. Pyrolysis of Source Rock		2,700.00
3. Sample Preparation for Wet Cuttings		540.00
4. Sample Prep for Dry Cuttings		450.00
<b>C. NATURAL GAS &amp; BIOGAS</b>		
1. Analysis of C1-C4 Gases		3,500.00
2. Analysis of Inorganic Gases plus Methane (N2, H2, Ar, O2, He & C1)		3,350.00
3. Determination of CO2 & H2S Gases		1,250.00
<b>D. GAS CONDENSATE</b>		
1. Determination of Carbon dioxide (CO2)**		1,400.00
2. Determination of Hydrogen sulfide (H2S)**		1,560.00
<b>E. BIODIESEL/CME</b>		
1. Simultaneous Determination of FAME & Methyl Laureate (C12) in Biodiesel (B100) Biodiesel (B100) ** Succeeding Run		5,800.00
2. Determination of Methyl Laureate (C12) in Biodiesel (B100)** Succeeding Run**		3,380.00
3. Determination of Fatty acid Methyl Esters (FAME) in Biodiesel (B100)** Succeeding Run**		3,750.00
4. Determination of Mono, Di, TriGlyceride, Free Glycerin, & Total Glycerin in Biodiesel (B100)** Succeeding Run**		1,950.00
5. Determination of Methanol In Biodiesel (B100)** Succeeding Run**		4,200.00
6. Determination of Mono, Di, TriGlyceride, Free Glycerin, & Total Glycerin in Biodiesel (B100)** Succeeding Run**		2,500.00
7. Determination of Methanol In Biodiesel (B100)** Succeeding Run**		7,500.00
8. Determination of Linolenic Acid (C18) in Biodiesel (B100)** Succeeding Run**		4,450.00
9. Determination of Total Acid Number In Biodiesel (B100)** Succeeding Run**		3,350.00
10. Determination of Free Glycerin in Biodiesel (B100)		2,150.00
		4,320.00
		2,100.00
		2,750.00
		1,625.00
		2,100.00
		1,250.00
<b>F. BIOETHANOL</b>		
1. Determination of Ethanol & Methanol Purity In Denatured Fuel Ethanol** Succeeding Run		3,200.00
2. Determination of Total Acid (as Acetic Acid) In Bioethanol**		1,650.00
		550.00
<b>G. ISOTOPE ANALYSIS</b>		
1. Measurement of C13 Isotope In Gas Sample ** Succeeding Run**		9,950.00
2. Measurement of O18 Isotope In Water Sample ** Succeeding Run**		5,350.00
		10,100.00
		5,350.00
<b>H. TETRAFLUOROETHANE</b>		
1. Determination of Tetrafluoroethane (R134a)** With Standard		3,320.00
Without Standard		3,100.00
** New Equipment and new laboratory services offered by the section		
<b>GEOSCIENTIFIC RESEARCH AND TESTING LABORATORY</b>		
Geological Section		
<b>COST ANALYSIS</b>		
Laboratory Services		
<b>PROCESSING/SAMPLE PREPARATION</b>		
1 Plain Slabbing/Cutting		300.00
2 Polished Slab**		400.00
3 Core Plugging**		500.00

*Amby*



NAME OF FEE	Amount	
	(PhP)	(US Dollar)
4 Normal Thin Section (For consolidated rock sample)	1,200.00	
5 Impregnated Thin Section (For poorly consolidated/unconsolidated rock or ditch sample)	1,500.00	
6 Impregnated Thin Section using Blue Dye	1,800.00	
7 Polished Thin Section (For consolidated rock sample)	1,500.00	
8 Impregnated Polished Thin Section** (For poorly consolidated/unconsolidated rock or ditch sample)	1,700.00	
9 Polished Slab Section** (For consolidated rock sample)	950.00	
10 Impregnated / Mounted Polished Section** (For poorly consolidated/unconsolidated rock or ditch sample)	1,700.00	
11. Drying of samples (Ditch cuttings)**	1,100.00	
11 Washed Residue	400.00	
12 Nannofossil Smear Slide	400.00	
13 Large/Oriented Foraminifera	600.00	
<b>ANALYSIS</b>		
1) Megascopic/hand specimen rock identification	500.00	
2) Petrographic	1,500.00	
3) Micropaleontologic (Foraminifera)	1,900.00	
4) Micropaleontologic (Nannofossil)**	1,500.00	
5) Micropaleontologic (Large/Oriented Foraminifera)	1,400.00	
<b>OTHER SERVICES</b>		
1) Staining with Alizarin Red-S and Potassium Ferricyanide** (Per Sample)	100.00	
2) Photomicrography using Stereomicroscope 1-5 Final shots** (Per Shot)	400.00	
3) Photomicrography using Polarizing Microscope** (Per Shot)	500.00	
4) Biostratigraphic Report of well** (Technical report presenting the interpretation of result based on the combined petrological and micropaleontological analyses of well samples; including correlation of 2 or more wells) (First 5,000 feet)	48,000.00	
(For succeeding 1,000 feet or a fraction thereof; 10% of computed cost)	4,800.00	
<b>** New Laboratory Services to be offered by the section</b>		
<b><u>GEOSCIENTIFIC RESEARCH AND TESTING LABORATORY</u></b>		
<b><u>Geothermal - Coal Section</u></b>		
<b>COST ANALYSIS</b>		
<b>Laboratory Services</b>		
<b>A. Geothermal water analysis</b>		
Alkalinity	500.00	
Arsenic (As)	900.00	
Boron (B)	600.00	
Bromide (Br) & Iodide (I)	2150.00	
Cadmium	400.00	
Calcium (Ca)	400.00	
Cesium (Cs)**	400.00	
Chemical Oxygen Demand	850.00	
Chloride (Cl)	550.00	
Hexavalent Chromium (Cr(VI))	450.00	
Copper (Cu)	400.00	
Iodide (I)	1700.00	
Iron (Fe)	400.00	
Lead (Pb)	400.00	
Lithium (Li)	400.00	
Magnesium (Mg)	400.00	
Manganese (Mn)	400.00	
Mercury (Hg)	1500.00	
Nickel (Ni)	400.00	
pH	350.00	
Potassium (K)	450.00	
Rubidium (Rb)**	400.00	
Silica (SiO <sub>2</sub> )	700.00	
Silver (Ag)	400.00	
Sodium (Na)	400.00	
Specific Conductivity	250.00	
Sulfate (SO <sub>4</sub> )	700.00	
Total Dissolved Solids	250.00	
Total Suspended Solids	450.00	
Zinc (Zn)	400.00	

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NAME OF FEE	Amount	
	(PhP)	(US Dollar)
<b>B. Gas condensate analysis</b>		
Sample Preparation (Alkaline Condensate)		300.00
Carbon Dioxide (CO <sub>2</sub> ) (Alkaline Condensate)		600.00
Hydrogen Sulfide (H <sub>2</sub> S)(Alkaline Condensate)		750.00
<b>C. Geochemical analysis (soil &amp; sediment)</b>		
Sample Preparation		250.00
- Inclusive of air drying, crushing pulverising and sieving		
Copper (Cu)		800.00
Iron (Fe)		800.00
Lead (Pb)		800.00
Nickel (Ni)		800.00
Silver (Ag)		900.00
Zinc (Zn)		800.00
<b>Coal</b>		
<b>Laboratory Services (Sample Preparation/ Test/ Analysis)</b>		
1. Sample Preparation		650.00
2. Sieve Analysis (Per Size)		200.00
3. Hardgrove Grindability Index, HGI		1,200.00
4. Proximate Analysis		2,000.00
Residual Moisture, RM		400.00
Ash, A		850.00
Volatile Combustible Matter, VCM		750.00
5. Calorific Value, CV (Coal)		1,500.00
6. Calorific Value, CV (Oil)		1,900.00
7. Total Sulfur, S		1,250.00
8. Forms of Sulfur (Pyritic, Organic, Sulfate, including Total Sulfur)		3,800.00
9. Carbon, Hydrogen and Nitrogen, CHN (Coal)		3,650.00
10. Carbon, Hydrogen and Nitrogen, CHN (Oil)		4,950.00
11. Mercury Analysis		2,700.00
12. Mineral Analysis		5,300.00
13. Ash Fusion Temperature, AFT (Reducing)		5,500.00
14. Ash Fusion Temperature, AFT (Oxidizing)		5,350.00
15. Washability Test (Per Medium Density)		4,050.00
<b>GEOSCIENTIFIC RESEARCH AND TESTING LABORATORY</b>		
<b>Processed Fuels Section</b>		
<b>COST ANALYSIS</b>		
<b>LABORATORY SERVICES</b>		
API Gravity at 60 °F (BFO only)		600.00
Aromatics, % volume **		4,600.00
Aromatics with Oxygenates, % volume **		6,100.00
Ash, % mass		1,900.00
Ash (Sulfated), % mass		1,900.00
Carbon Residue (MCRT), % mass **		1,100.00
Carbon Residue 10% Dist'n. Residue (MCRT), % mass **		2,600.00
Carbon Residue (Conradson), & mass		1,100.00
Carbon Residue 10% Distillation Residue (Conradson), & mass		2,600.00
Cloud Point, °C		1,100.00
Cetane Number **		10,600.00
Cetane Number, Calculated(Density+Distillation Characteristic)		2,300.00
Color, ASTM		500.00
Copper Corrosion Test		1,700.00
Density/Specific Gravity (Densitometer) **		600.00
Diesel Analyzer **		
Density		1,080.00
FAME		
Cetane Number (Indicative)		
Density/Specific Gravity at 15 °C (ASTM D 4052)**		600.00
Distillation Characteristics, °C		1,700.00
Distillation Temperature(AET), °C**		2,800.00
FAME (Fatty Acid Methyl Ester), Volume % **		1,400.00
Flash Point (COC), °C		1,400.00
Flash Point (PM), °C		1,000.00
Gasoline Analyzer **		1,000.00
Density		
Benzene		
Aromatics		
Oxygenates		
Insolubles, % mass		
Pentane		1,700.00
Toluene		1,800.00
Lead in Gasoline, g/L (XRF)		2,100.00
Octane Number, RON		
Engine		10,400.00

*Amg*

NAME OF FEE	Amount	
	(PhP)	(US Dollar)
Portable		
Oxidation Stability, hrs.**	1,000.00	
Pour Point, °C	4,600.00	
Sediment by Extraction, % volume	1,100.00	
Sulfur, % mass (XRF)	2,200.00	
Sulfur, % mass (UVF)**	2,100.00	
Kinematic Viscosity, mm <sup>2</sup> /s	2,300.00	
Viscosity Index	1,100.00	
Vapor Pressure, kPa**	1,800.00	
Water by Distillation, % volume	900.00	
Water by Karl Fischer, % volume**	1,000.00	
Water and Sediments, % volume	1,300.00	
Wear Metals / Trace metals, % volume (per metal)**	1,100.00	
	800.00	
Remarks:		
** New Laboratory Services to be offered by the section		
50% discount for the first 10 samples submitted by students, provided they will be presenting a certification letter from their school		
<b>B. LIGHTING AND APPLIANCE TESTING DIVISION</b>		
<b>A. Appliance and Equipment Testing</b>		
<b>Appliance Section</b>		
Air Conditioners	12,400.00	
Refrigerators		
complete tests	24,000.00	per test sample
partial	14,200.00	
Television	4,700.00	
Clothes washers		
	21,400.00	
Validation of energy labels		
Air Conditioners		
Refrigerators	200.00	
Inspection of generic models/exempted products	200.00	
Witness Testing	600.00	
Local		
1. Fixed (processing fee) for A/C and ref	500.00	
2. Variable, per man -hour (period of stay of staff on site)	500.00	
Cooking Stove	6,500.00	
<b>B. Calibration/Instrumentation and Control Section</b>		
Calibration of Platinum Resistance Thermometer (PRT)	4,900.00	
Calibration of each additional temperature point for PRT	980.00	
Calibration of Liquid-In-Gas (UG) Thermometer	1,650.00	
Calibration of each additional temperature point for Liquid In Glass (UG)	600.00	
Calibration of Digital/Bi-metal Thermometer/RTD/Thermocouple	1,950.00	
Calibration of each additional temperature point for Digital/Bi-metal Thermometer/RTD/Thermocouple	390.00	
Calibration of Oven/Furnace	2,300.00	
Calibration of each additional temperature for Oven/Furnace	460.00	
Calibration of Digital Power Meter (DPM)	4,900.00	
Calibration of each additional point for (DPM)	350.00	
Calibration of Digital Multimeter (DMM) up to 4 1/2 Digits Res.	3,250.00	
Calibration of each additional point for DMM	200.00	
Calibration of AC/DC Voltmeters	1,950.00	
Calibration of each additional point for AC/DC Voltmeters	390.00	
Calibration of AC/DC Ammeters	2,100.00	
Calibration of each additional point for AC/DC Ammeters	420.00	
Calibration of Ohmmeter	1,950.00	
Calibration of each additional point for Ohmmeter	390.00	
Calibration of Resistors	1,350.00	
Calibration of each additional point for Resistors	300.00	
Calibration of Clamp meter	2,050.00	
Calibration of each additional point for Clamp meter	410.00	
<b>C. Lighting Section</b>		
Compact Fluorescent Lamps (5 to 60 wattage range) at 100 hrs. life test/20 pcs. of samples	15,100.00	
Compact Fluorescent Lamps (5 to 60 wattage range) at 1,900 hrs. life test/20 pcs. of samples	20,500.00	
(Lumen maintenance cost per batch)	35,600.00	
(Life test every next 1000 hrs.)	3,000.00	
Linear and Circular Fluorescent Lamps (10 to 22 wattage range) at 100 hours life test/10 pcs. of samples	7,620.00	

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NAME OF FEE	Amount	
	(PhP)	(US Dollar)
Linear and Circular Fluorescent Lamps (10 to 22 wattage range) at 1,900 hrs. life test/10 pcs. of samples (Lumen maintenance cost per batch) (Life test every next 1000 hrs.)	11,580.00 19,200.00 2,200.00	
Linear and Circular Fluorescent Lamps (23 to 32 wattage range) at 100 hours life test/10 pcs. of samples	7,720.00	
Linear and Circular Fluorescent Lamps (23 to 32 wattage range) at 1,900 hrs. life test/10 pcs. of samples (Lumen maintenance cost per batch) (Life test every next 1000 hrs.)	13,480.00 21,200.00 3,200.00	
Linear and Circular Fluorescent Lamps (33 to 40 wattage range) at 100 hours life test/10 pcs. of samples	7,800.00	
Linear and Circular Fluorescent Lamps (33 to 40 wattage range) at 1,900 hrs. life test/10 pcs. of samples (Lumen maintenance cost per batch) (Life test every next 1000 hrs.)	15,000.00 22,800.00 4,000.00	
Ballast BEF (10 to 40 wattage range)-Batch of 5 samples	12,200.00	
Other light source ( above 40 W to 100) at 100 hours life test/10 pcs. of samples (above 40 W to 100) at 1,900 hrs. life test/10 pcs. of samples (Lumen maintenance cost per batch) (Life test every next 1000 hrs.) ( above 100 W to 200) at 100 hours life test/10 pcs. of sample (above 100 to 200) at 1,900 hrs. life test/10 pcs. of samples (Lumen maintenance cost per batch) (Life test every next 1000 hrs.)	8,400.00 26,400.00 34,800.00 10,000.00 9,400.00 45,400.00 54,800.00 20,000.00	
Testing fee per sample for All Light Sources Using Goniophotometer	11,600.00	
All other measurement request using the Integrating sphere for other related products (per sample no ageing)	740.00	

For aging charges, it follows the nearest wattage range charges as shown above, compute on a per sample basis.

APPROVED BY:

*JLP*  
CARLOS JERICO L. PETILLA  
Secretary



Republic of the Philippines  
DEPARTMENT OF ENERGY

IN REPLYING PLS CITE:

SOE-JLP-13006804

