

**SCHEDULE OF FEES AND CHARGES**  
**CY 2022**

In compliance with Administrative Order No. 31 dated October 1, 2012, the 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, the following are the new and revised fees and charges to be collected by the Department of Energy effective fifteen (15) days after the posting of said new schedule of fees and charges on the agency's website or on a conspicuous place in the office premises.

	Amount	Remarks
<b>Renewable Energy Management Bureau (REMB)</b>		
1. Accreditation of manufacturers, fabricators and suppliers of locally produced RE equipment		
a. Application Fee	1,000.00	
b. Processing Fee	9,000.00	
2. Registration/Renewal of Safety Officer's Permit	550.00	
3. Sale of Renewable Energy Safety, Health and Environment Rules and Regulations and Code of Practice per Technology	400.00	
4. DOE Sticker for Duty Free Importation Certificate		
a. Small (GEMD)	100.00	
(HOEMD)	150.00	New
b. Medium (GEMD)	150.00	New
(HOEMD)	250.00	New
c. Large (GEMD)	300.00	
(HOEMD)	350.00	New
5. Processing Fee for the issuance of Certificate of Endorsement (COE) for Duty Free Importation	750.00	New
6. Green Energy Option Program Operating Permit	5,000.00	New
<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 (JAO)	9,200.00	
<b>B. Geothermal Energy Management Division</b>		
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 Fee for the issuance 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	
5. Open and competitive selection process		
a. Application Fee	20,000.00	New
b. Processing Fee (PhP/ha applied) for service contract	8.20	New
<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 for operating contract (fee is set to a minimum of 1 block) 81 hectares or whichever is higher	6.50	
2. Processing Fee for the issuance of New Certificate of Registration (Assignment/Transfer of Contract)	4,350.00	
<b>D. Hydro and Ocean Energy Management Division</b>		
1. Application/Processing of Hydropower/Ocean Contract Application under RA 9513		
a. HSC Application Fee (PhP/area applied)	1,000.00	
b. OESC Application Fee (PhP/area applied)	1,000.00	
c. HSC Processing Fee (PhP/area applied) Pre-Development	23,850.00	
d. OESC Processing Fee (PhP/area applied) Pre-Development	23,850.00	
e. HSC Processing Fee (PhP area/applied) Direct to Dev't. Stage	23,850.00	
2. Processing Fee for the issuance 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 Explosives	1,000.00	
5. Processing of amendment of existing HSCs/OESCs	4,000.00	New
6. Open and competitive selection process:		
a. Less than 50MW	50,000.00	
b. 50MW and above	100,000.00	

	Amount	Remarks
<b>Energy Utilization Management Bureau (EUMB)</b>		
<b>A. Energy Efficiency and Conservation Program Management and Technology Promotion Division (EPMPD)</b> (formerly Energy Efficiency and Conservation Division)		
1. Processing Fee for the Issuance of Certificate for		
a. Certified Energy Service Company (ESCO)	30,000.00	New
b. Registered Energy Service Company	15,000.00	New
2. Processing of Application for Endorsement to BOI of Energy Efficiency (EE) Projects for Fiscal Incentives		
a. Simple EE projects	12,000.00	New
b. Complex EE projects	25,000.00	New
3. Processing Fee for the issuance of Certificate of Registration for		
a. Certified Energy Auditor (CEA)	1,000.00	New
b. Certified Energy Conservation Officers (CECO)	1,000.00	New
c. Certified Energy Manager (CEM)	1,000.00	New
4. Application Fee for Recognition of Training Institutions for		
a. Certified Energy Auditor (CEA)	10,000.00	New
b. Certified Energy Manager (CEM)	10,000.00	New
5. Application Fee for Certificate of Endorsement to BOI for Fiscal Incentives	25,000.00	New
6. Application Fee for the issuance of Certification for Energy Audit conducted by Firm, Partnership, Corporation and Sole Proprietorship (FPCS)		
a. Certification	10,000.00	New
b. Re-certification	10,000.00	New
<b>B. Energy Efficiency and Conservation Performance Regulation and Enforcement Division (EPRED)</b>		
1. Application Fee for Recognition of Testing Laboratory:		
a. Recognition of Testing Laboratory	20,000.00	New
b. Renewal of Recognition per product type/facility	4,800.00	New
c. Endorsement to BOI for Fiscal Incentives	15,000.00	New
2. Application/Processing Fee under the Philippine Energy Labelling Program (PELP)		
a. Company Registration	1,600.00	New
b. Product Registration	P300/product	New
c. Energy Label issuance	P300/issuance	New
<b>Oil Industry Management Bureau (OIMB)</b>		
<b>A. Oil Industry Competition and Monitoring Division (OICMD)</b>		
1. Issuance of Certifications to Downstream Oil Industry (DOI) Players	500.00	
2. Issuance of Acknowledgement of Notice to Engage in Downstream Oil Industry Business		
a. Liquid Petroleum Products	1,400.00	New
b. Hauling Services (bulk)	1,400.00	New
3. Issuance of Endorsement to BOI for		
a. Registration of New Project	1,000.00	
b. Availment of Incentives (per project)	1,200.00	
4. Export incentives under LOI 1352	-	
5. Issuance of Certificate of Accreditation as a DOI Bioethanol Participant (New)	1,000.00	New
a. Renewal	1,000.00	New
6. Issuance of Acknowledgment of Notice to:		
a. Import for Sale, Own Use or Sample Testing of Liquid Petroleum Products and Bioethanol	980.00	New
b. Purchase Locally-Sourced Bioethanol or Biodiesel	980.00	New
c. Sell or Purchase Imported Bioethanol	980.00	New
d. Import Bioethanol	980.00	New
e. Import for Sale or Own Use - Liquid Petroleum Products	980.00	New
<b>B. Oil Industry Standards and Monitoring Division (OISMD)</b>		
1. Additives Registration (provisional/final)		
Issuance of Certificate of Fuel Additives Registration	1,400.00	
2. Issuance of Acknowledgment of Notice to Import for Sale or Own Use - Lube Products	575.00	New
3. Issuance of Acknowledgment of Notice to Engage in DOI Business - Lube Products	750.00	New
<b>C. Retail Market and Monitoring and Special Concerns Division (RMMSCD)</b>		
<b>Liquid Fuels Stakeholders:</b>		
1. Application fee for Gasoline Station Training and Loan Fund (GSTLF)	5,500.00	
2. Certificate of Compliance (COC) for LPP establishments	3,100.00	
Renewal of COC	3,000.00	New
3. Issuance of COC for Alternative Retail Outlet (TS, Marine and Emergency)	3,100.00	
Renewal	3,000.00	New
4. Issuance of Certificate of Non-Coverage (CNC)	3,100.00	New
5. Issuance of Certificate for Hauler (own use at retail level)	1,050.00	New

	Amount	Remarks
<b>Oil Industry Management Bureau (OIMB)</b>		
<b>C. Retail Market and Monitoring and Special Concerns Division (RMMSCD)</b>		
<b>Liquefied Petroleum Gas (LPG)</b>		
1. Issuance of License to Operate (LTO) for LPG - New Client Service Application		
Refiner		
Importer		
Bulk Distributor		
Import Terminal		
Bulk Plant		
Own user		
Terminal Depot / Lessor	3,500.00	New
Refiller		
Dealer		
Marketer		
Retail Outlet		
Hauler		
Auto-LPG Dispensing Station		
Centralized LPG Piping System Operator		
2. Issuance of License to Operate (LTO) for LPG - Renewal		
Refiner		
Importer		
Bulk Distributor		
Import Terminal		
Bulk Plant		
Own user		
Terminal Depot / Lessor	3,500.00	New
Refiller		
Dealer		
Marketer		
Retail Outlet		
Hauler		
Auto-LPG Dispensing Station		
Centralized LPG Piping System Operator		
3. Issuance of Registration Certificate		
Application for Registration		
Prior to Commencement of LPG Facility Construction		
Trademark or Tradename		
Authority to Refill a Third-Party Trademark or Tradename	1,000.00	New
Authority to Sell a LPG Cylinder		
LPG Seal		
Bulk Consumer		
Authorized Transport Motor Vehicles and Marine Vessels		
<b>D. Natural Gas Division</b>		
1. Issuance of Notice to Proceed (NTP)	150,000.00	New
2. Issuance of Permit to Construct, Expand, Rehabilitate and Modify (PCERM)	150,000.00	New
3. Issuance of Permit to Operate and Maintain (POM)	150,000.00	New
4. Issuance of LNG Importer Accreditation and/or Supply and Transport of Natural Gas	14,000.00	New
5. Issuance of Acknowledgment to Import (ATI-LNG)		
6. Issuance of Acknowledgment to Supply and Transport Natural Gas (AST-NG)	1,500.00	New
<b>Electric Power Industry Management Bureau (EPIMB)</b>		
1. 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	less than 1MW - P500.00 1MW to less than 10MW - P1,000.00 10MW and above - P10,000 or P100/MW whichever is higher	
2. CoE for Qualified Third Party to ERC's issuance of Certificate of Compliance	less than 1MW - P500.00 1MW to less than 10MW - P1,000.00 10MW and above - P10,000 or P100/MW whichever is higher	New New New
3. Evaluation of Direct Connection Application	7,800.00	New

		Amount	Remarks
<b>Energy Resource Development Bureau (ERDB)</b>			
<b>A. Petroleum Resources Development Division (PRDD)</b>			
1.	Awarding of Petroleum Service Contracts (PSCs) for areas offered through the Philippine Conventional Energy Contracting Program (PCECP)		
a.	Application Fee for Nominated Areas or Pre-determined Areas (PDAs)	200,000.00	New
b.	Application Fee for Challengers of Nominated Areas	1,000,000.00	New
c.	Processing Fee	0.48/hectare	
2.	Issuance of Tax Exemption Certificate (TEC) under PD 87		
a.	Processing Fee	750.00/application	New
b.	Sales of DOE Sticker for Tax-Exempt Equipment	300.00/sticker	New
3.	Processing Fee for the Registration of Petroleum Sub-contracts	200.00	New
<b>B. Coal and Nuclear Mineral Resources Development Division</b>			
1.	Processing fee (Php/block applied) for COC under the Philippine Conventional Energy Contracting Program (PCECP) for Coal per DOE Circular No. DC2017-09-0010:		
a.	Application Fee per Coal Area (Php/area)	200,000.00	New
b.	COC Application Processing fee (Php/block applied)	30,000.00	New
2.	Processing Fee for the issuance of Small-Scale Coal Mining Permit (Independent and Supervised by COC Holder)	1,000.00	
3.	Processing Fee for the Registration/Renewal of Safety Engineer's and/or Temporary Safety Engineer's permit	550.00	
4.	Processing Fee for the Registration/Renewal of Safety Inspector's Permit	550.00	
5.	Application for Authority to Import Coal		
a.	Application Fee	650.00	
b.	Permit Fee	650.00	
6.	Permit Fee for Coal Export Clearance		
a.	Application Fee	650.00	
b.	Permit Fee	650.00	
7.	Sale of Coal Mine Safety and Health Rules and Regulations (revised booklet)	400.00	
a.	DOE Sticker for Tax-Exempt Equipment	300.00	
8.	Issuance of Coal Traders Accreditation (CTA) under Department Circular No. DC2012-05-006:		
a.	Processing for CTA	3,500.00	
b.	Processing Fee for CTA Renewal	3,500.00	New
9.	Application Fee for the issuance of Certificate of Coal-End Users Registration	5,000.00	
10.	Issuance of Tax-Exemption Certificate (TEC) under PD 972		
a.	Application/Processing Fee of Tax-Exemption	750/application	New
b.	Sales of DOE Sticker for Tax-Exempt Equipment	300/sticker	New
11.	Processing Fee for the Registration of Coal Sub-Contractor	200.00	New
<b>Administrative Services (AS)</b>			
<b>General Services Division</b>			
1.	Use of AVR (for outsider)	750.00/hour	
2.	Photocopying services (for outsider)	2.00/copy	
Note: 20% discount for students based on the total amount of photocopying services			
<b>Information Technology and Management Services (ITMS)</b>			
<b>A. Information and Data Management Division (IDMD)</b>			
Energy Data Center of the Philippines			
Data Fees			
1.	Seismic Data		
a.	Paper Seismic Sections	40.00/line-km - 2D seismic lines	
b.	Seismic Section Perusal Fee	60.00/Seismic Section	
c.	2D Digital Seismic Data (SEG-Y filed on CD)	470.00/line-km with navigation data	
d.	3D Digital Seismic Data (SEG-Y filed on CD or Exabyte tape)	18,800.00/square km.	
2.	Wireline Data		
a.	Paper Wireline Data	1.00/ft. of log depth - Pre 1987 wireline data	
		2.00/ft. of log depth - 1987 to recent wireline data	
b.	Wireline Data Perusal Fee	500.00/Wireline Data	
c.	Digital Wireline Data (LAS/LIS files on CD or floppy disk)	27,500.00/well up to max of 12,000 ft log depth	
		Additional 1,000.00 for every 1,000 ft or fraction thereof for log depth > 12,000 ft.	

	Amount	Remarks
<b>Information Technology and Management Services (ITMS)</b>		
<b>A. Information and Data Management Division (IDMD)</b>		
Energy Data Center of the Philippines		
Data Fees		
3. Well Reports (Petroleum)		
a. Well Completion/Final Well Reports - paper copy	5,500.00/report	
b. Specialized Well Reports - Paper Copy	2,750.00/report	
c. Well Reports Perusal Fee	100.00/report	
4. General Reports (Petroleum)		
a. General Report - Paper Copy	3,900.00/report (reproduction cost not included)	
b. General Report Perusal Fee	60.00/report (minimum perusal fee)	
c. 1994 AGSO Report	US\$1,000.00	
d. World Bank Report (digital in PDF and TIFF on CD)	US\$18,000.00/set (digital)	
e. 1983 Questor Aeromagnetic Survey Report	30,000.00/set	
5. Maps, Charts and Drawings		
a. Consolidated Shotpoint Location Map - paper copy	120.00/sheet	
b. Aeromagnetic Maps - Application Color (37 sheets/set)	US\$720.00/set	
c. Aeromagnetic Maps - Datchrome Maps (37 sheets/set)	US\$720.00/set	
d. Aeromagnetic Maps - Isogram Maps (B/W, 37 sheets/set)	US\$360.00/set	
e. Aeromagnetic Maps - Isogram Maps (B/W, per sheet)	US\$12.00/sheet	
f. Other Maps, Charts and Drawings - paper copy	50.00/sheet (reproduction cost not included)	
f.1. Service Contract Map	1,500.00	
f.2. Well Location Map	1,500.00	
6. Well Cores, Cuttings and Field Samples		
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	
7. Well and Seismic Digital Tapes		
a. Tape Rental (Well and Seismic Digital Tapes)	106.00/tape/week	
b. 1983 Questor Aeromagnetic Survey -	US\$2,500.00/set or US\$100.00/tape	
c. Magnetic Tape Copying (Tape-Tape input 1,200ft.)	100.00/tape (media cost not included)	
d. Exabyte Tape Data Copying to CD	80.00/ tape (media cost not included)	
e. CD Data Copying to CD	40.00/input (media cost not included)	
8. General and Well Reports (Geothermal, Coal and Renewables)		
a. General Geothermal and Coal Reports	2,300.00/report	
b. Geothermal Well Reports	3,300.00/report	
c. Perusal Fee	100.00/report	
d. Hydro Reports	2,300.00	
<b>B. Information Services Division</b>		
Infographics Section		
<b>A. Reprographics Services</b>		
Page Size		
a. Letter size (8.5" x 11")		
b. Legal size (8.5" x 14")	125.00/sheet	
Large Format		
a. 30" x 40"	125.00/sheet	
Glossy		
Bright White	2,800.00/sheet	
b. 24" x 32"	1,800.00/sheet	
Glossy		
Bright White	1,800.00/sheet	
	1,150.00/sheet	
Note:		
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		

	Amount	Remarks
<b>Financial Services (FS)</b>		
Government Share - Charges/Income collected are based on the provision of the Pertinent Presidential Decrees and/or Service		
<b>Conventional Energy Resources Compliance Division (formerly Compliance Division)</b>		
1. Coal (PD 972)	30% of net proceeds	
2. Petroleum (PD 87)	60% of net proceeds	
<b>Renewable Energy Resources Compliance Division</b>		
1. Geothermal Service Contract (RA 9513)	1.5% of gross income	
2. Solar, Wind, Hydro & Ocean (under RA 9513)	1% of gross income	
<b>Energy Research and Testing Laboratory Services (ERTLS)</b>		
<b>A. Geoscientific Research and Testing Laboratory</b>		
Geothermal-Coal Section		
Laboratory Services		
1. Coal		
Calorific value, CV (Coal)	1,500.00	
Carbon, Hydrogen and Nitrogen, CHN (Coal)	3,650.00	
Carbon, Hydrogen and Nitrogen, CHN (Oil)	4,950.00	
Hardgrove Grindability Index, HGI	1,200.00	
Proximate Analysis	2,000.00	
Residual Moisture, RM	400.00	
Ash, A	850.00	
Volatile Combustible Matter, VCM	750.00	
Sample preparation	650.00	
Sieve Analysis ( per size)	200.00	
Total Sulfur, S	1,250.00	
2. Geothermal Water Analysis		
Alkalinity	500.00	
Arsenic (As)	900.00	
Boron (B)	600.00	
Cadmium	400.00	
Calcium (Ca)	400.00	
Cesium (Cs)	400.00	
Chloride (Cl)	550.00	
Chromium (Hexavalent)	450.00	
Copper (Cu)	400.00	
Iodide (I)	1,700.00	
Iron (Fe)	400.00	
Lead (Pb)	400.00	
Lithium (Li)	400.00	
Magnesium (Mg)	400.00	
Manganese (Mn)	400.00	
Mercury (Hg)	1,500.00	
Nickel (Ni)	400.00	
pH	350.00	
Potassium (K)	450.00	
Rubidium (Rb)	400.00	
Silica (SiO2)	700.00	
Silver (Ag)	400.00	
Sodium (Na)	400.00	
Specific Conductivity	250.00	
Sulfate (SO4)	700.00	
Total Dissolved Solids	250.00	
Total Suspended Solids	450.00	
Zinc (Zn)	400.00	
Oil and Gas Section		
Laboratory Services		
3. Oil and Gas		
Automotive LPG		
Copper strip corrosion in LPG	2,850.00	New
Density of LPG	2,250.00	New
Gaugue Vapor Presssure of LPG	4,600.00	New
Hydrogen Sulfide in LPG	1,500.00	New
LP Gases and Propene Concentrates by GC	8,250.00	New
Residue and Volatility	2,000.00	New
Sulfur in LPG	3,850.00	New

		Amount	Remarks
<b>Energy Research and Testing Laboratory Services (ERTLS)</b>			
<b>A. Geoscientific Research and Testing Laboratory</b>			
Oil and Gas Section			
Laboratory Services			
3.	Oil and Gas		
	Biodiesel/CME		
	Fatty Acid Methyl Esters (FAME) in Biodiesel	4,200.00	
	Succeeding Run	2,500.00	
	FAME and Methyl Laureate (C12) in Biodiesel	5,800.00	
	Succeeding Run	3,380.00	
	Free Glycerin in Biodiesel	1,250.00	
	Linolenic Acid in Biodiesel	4,320.00	
	Succeeding Run	2,100.00	
	Methanol in Biodiesel	3,350.00	
	Succeeding Run	2,150.00	
	Methyl Laureate in Biodiesel	3,750.00	
	Succeeding Run	1,950.00	
	Mono, Di, Tri, FG and TG in Biodiesel	7,500.00	
	Succeeding Run	4,450.00	
	Total Acid Number in Biodiesel, Color Indicator	1,625.00	
	Total Acid Number in Biodiesel, Potentiometric	2,100.00	
	Total Glycerin in Biodiesel	2,750.00	
	Bioethanol		
	Ethanol and Methanol Purity in Denatured Fuel Ethanol	3,200.00	
	Succeeding Run	1,650.00	
	Total Acidity (as Acetic Acid) in Bioethanol	550.00	
	Crude Oil		
	C12 + Components of Whole Oil/Saturate Fraction	3,950.00	
	Degree API Gravity of Oil Containing Water and Sediments	590.00	
	Degree API Gravity of Oil Without Sample Preparation	450.00	
	Extractable Organic Matter/EOM	5,220.00	
	Fractional Distillation of Crude Oil	1,880.00	
	Liquid Chromatographic Separation of EOM/Whole Oil into Saturates, Aromatics and NSO	4,050.00	
	Separation of Crude Oil/Petroleum from Water and Sediments	600.00	
	Gas Condensate		
	Carbon Dioxide (CO2) in Gas Condensate	1,400.00	
	Hydrogen sulfide (H2S) in Gas Condensate	1,560.00	
	Isotope Analysis		
	C13 Isotope in Gas Sample	9,950.00	
	Succeeding Run	5,350.00	
	N15 Isotope in Various Samples	13,700.00	New
	Succeeding run	8,700.00	New
	O18 Isotope in Water Sample	10,100.00	
	Succeeding Run	5,350.00	
	S34 Isotope in Various Samples	13,600.00	New
	Succeeding Run	8,650.00	New
	Natural Gas and Biogas		
	CO2 and H2S Gases	1,250.00	
	Hydrocarbon Gases (C1-C4)	3,500.00	
	Inorganic Gases Plus Methane (N2, H2, Ar, O2, He, C1)	3,350.00	
	Source Rock and Cuttings		
	Pyrolysis of Source Rock	2,700.00	
	Sample Preparation for Dry Cuttings	450.00	
	Sample Preparation for Wet Cuttings	540.00	
	Total Organic/Inorganic Carbon	3,050.00	
	Tetrafluoroethane		
	Tetrafluoroethane/R134a		
	With Standard	3,320.00	
	Without Standard	3,100.00	
Processed Fuels Section			
Laboratory Services			
4.	Processed Fuels		
	API Gravity/Density/Specific Gravity (hydrometer)	600.00	
	Acid/base/Acetic/Iodine/Chloride/Saponification	2,700.00	New
	Acidity/Alkalinity, pH	600.00	New
	Aromatics with Oxygenates, % Volume	6,100.00	
	Aromatics, % Volume	4,600.00	

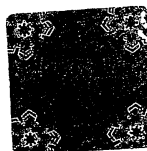
	Amount	Remarks
<b>Energy Research and Testing Laboratory Services (ERTLS)</b>		
<b>A. Geoscientific Research and Testing Laboratory</b>		
Processed Fuels Section		
Laboratory Services		
4. Processed Fuels		
Ash (sulfated), % Mass	1,900.00	
Ash, % Mass	1,900.00	
Carbon Residue (Conradson), % Mass	1,100.00	
Carbon Residue 10% Distillation Residue, % Mass	2,600.00	
Carbon Residue (MCRT), % Mass	1,100.00	
Carbon Residue 10% Distillation Residue, % Mass	2,600.00	
Cetane Number	10,600.00	
Cetane Number, Calculated	2,300.00	
Cloud Point, °C	1,100.00	
Color, ASTM (Automated)	950.00	New
Color, ASTM (Manual)	600.00	
Copper Corrosion Test	2,400.00	
Density/Specific Gravity (Densitometer)	750.00	
Diesel Analyzer-Density/FAME/Cetane Number	1,100.00	
Distillation Characteristics, °C	1,900.00	
Distillation Temperature (AET), °C	2,800.00	
Electrical Conductivity, uS/m	650.00	New
Existent Gum, mg/100ml	3,200.00	New
FAME and Methyl Laureate, % Volume - GC	7,300.00	New
Succeeding Run	4,600.00	New
FAME (Fatty Acid Methyl Ester), vol % (FTIR)	1,400.00	
Flash Point (COC), °C	1,400.00	
Flash Point (PM), °C	1,000.00	
Gasoline Analyzer	1,000.00	
Group I & II Metals and Phosphorous, ppm	7,500.00	New
Hydrocarbons (benzene & Aromatics, % Vol)	6,900.00	New
Succeeding Run	4,400.00	New
Insolubles, % Mass		
Pentane	1,700.00	
Toluene	1,800.00	
Kinematic Viscosity, mm2/s	1,100.00	
Lead in Gasoline, g/L (XRF)	2,100.00	
Lubricity, Micron	5,900.00	New
Octane Number, RON (CFR)	10,400.00	
Oxidation Stability, Hours	4,600.00	
Oxygenates (Ethanol and Methanol), % vol - GC	6,900.00	New
Succeeding Run	4,400.00	New
Pour Point, °C	1,100.00	
Sediment by Extraction, % Volume	2,200.00	
Sulfur, % Mass (UVF)	2,300.00	
Sulfur, % Mass (WD-XRF)	3,000.00	New
Sulfur, % Mass (XRF)	2,100.00	
Vapor Pressure, kPa	900.00	
Viscosity Index	1,800.00	
Water and Sediments, % Volume	1,100.00	
Water by Distillation, % Volume	1,000.00	
Water by Karl Fischer, % Volume-Volumetric	1,300.00	
Water by Karl Fischer, % Volume-Coulometric	3,300.00	New
Wear Metals/Trace Metals, % Volume (per Metal)	800.00	
<b>Geological Section</b>		
5. Processing/Sample Preparation		
Coal - Impregnated Polished Section (Briquette)	1,700.00	
Coal - Polished Section (Whole Sample)	950.00	
Drying of Ditch Cutting Samples (per Box)	600.00	
Impregnated Polished Thin Section (Opaque Minerals)	1,700.00	
Impregnated Polished Thin Section	1,500.00	
Impregnated Polished Thin Section with Blue Dye	1,800.00	
Normal Thin Section	1,200.00	
Plain Slabbing/Plain Cutting	300.00	
Polished Thin Section (for Opaque Minerals)	1,500.00	
Polished Slab (Max Dimension 3x2x1 inches)	400.00	

	Amount	Remarks
<b>Energy Research and Testing Laboratory Services (ERTLS)</b>		
<b>A. Geoscientific Research and Testing Laboratory</b>		
Geological Section		
5. Smear Slide (Calcareous Nanno Fossils)	400.00	
Staining Using Alizarin Red (1-5 Sample/s)	100.00	
Washed Residue (Foraminifera)	400.00	
XRD-Extraction and Air Drying for Oriented Clay	500.00	New
XRD-Glycol Treatment for Oriented Clay Sample	300.00	New
XRD-Heat Treatment at 400c for Oriented Clay	350.00	New
XRD-Heat Treatment at 500c for Oriented Clay	350.00	New
XRD- Powdering for Random Sample	250.00	New
6. Analysis		
Coal - Vitritine Reflectance Measurement	3,500.00	New
Coal - Maceral Identification	4,000.00	New
Megascopic/Hand Specimen Rock Identification	500.00	
Micropaleontological Analysis of Rock Sample (Foraminifera)	1,900.00	
Micropaleontological Analysis of Rock Sample (nanno fossil)	1,500.00	
Petrographic Analysis of Rock Sample	1,500.00	
X-ray Diffraction Analysis per Scan	2,000.00	New
X-ray Diffraction, Interpretation	1,500.00	New
Laboratory Services		
Other Services		
Biostratigraphic Report of Well		
First 7,000 feet/2,133 meters)	48,000.00	
(excluding Sample Preparation and Analysis)		
For succeeding 1,000 ft or a fraction thereof; 10% of computed cost	4,800.00	
Photomicrography of Fossils (1-5 samples, final shot/s)	400.00	
Photomicrography of Rocks (1-5 samples, final shot/s)	500.00	
<b>B. Lighting and Appliance Testing Division</b>		
General		
Validation of Energy Label	200.00	
Appliance and Equipment Section		
Performance Testing of Air Conditioner		
Full Load (Fixed Type)	12,400.00	
Half Load (CSPF)	12,400.00	New
Performance Testing of Refrigerator		
Complete Test	24,000.00	
Partial Test	14,200.00	
Ice Making Test	10,000.00	New
Freezing Capacity Test	10,000.00	New
Performance Testing of Television	4,700.00	
Performance Test of Washing Machine	21,400.00	
Inspection of Generic Models/Exempted Products	600.00	
Witness Testing (local and foreign)	500.00	
Performance Testing of Cooking Stoves	6,500.00	
Lighting and Other Devices Section		
Electrical Measurement	440.00	New
Goniophotometry (Elec Lamps/Luminaries)	11,600.00	
Spherephotometry (Elec Lamps)	740.00	
Endurance Test - Temp Cycling Test	10,800.00	New
Endurance Test - Supply Switching Test	2,200.00	New
10W-22W LFL and CFL Life Test (1,900 hrs)	11,580.00	
10W-22W LFL and CFL Lumen Maintenance	19,200.00	
10W-22W LFL and CFL Life Test every next 1,000 hrs	2,200.00	
10W-22W LFL and CFL Photometric with Aging	10,500.00	New
23W-32W LFL and CFL Life Test (100 hrs)	7,720.00	
23W-32W LFL and CFL Life Test (1,900 hrs)	13,480.00	
23W-32W LFL and CFL Lumen Maintenance	21,200.00	
23W-32W LFL and CFL Life Test every next 1,000 hrs	3,200.00	
33W-40W LFL and CFL Life Test (100 hrs)	7,800.00	
33W-40W LFL and CFL Life Test (1,900 hrs)	15,000.00	
33W-40W LFL and CFL Lumen Maintenance	22,800.00	
33W-40W LFL and CFL Life Test every next 1,000 hrs	4,000.00	
Other Light Sources above 40W-100W@100hrs Life Test	8,400.00	

	Amount	Remarks
<b>Energy Research and Testing Laboratory Services (ERTLS)</b>		
<b>B. Lighting and Appliance Testing Division</b>		
<b>Calibration/Instrumentation and Control Section</b>		
Other Light Sources Above 40W-100W@1,900hrs Life Test	26,400.00	
Other Light Sources Above 40W-100W Lumen Maintenance	34,800.00	
Other Light Sources Above 40W-100W@ Life Test at every 1,000 hrs	10,000.00	
Other Light Sources Above 100W-200W@100hrs Life Test	9,400.00	
Other Light Sources Above 100W-200W@1,900 hrs Life Test	45,400.00	
Other Light Sources Above 100W-200W Lumen Maintenance	54,800.00	
Other Light Sources Above 100W-200W@ Life Test at every 1,000 hrs	20,000.00	
Ballast BEF (10W - 40W)		
Ballast (5 samples)	12,200.00	
Calibration of Platinum Resistance Thermometer (PRT)	4,900.00	
Calibration per Additional Temp Point for PRT	980.00	
Calibration of liquid-in-glass (LIG) Thermometer	1,650.00	
Calibration per Additional Temp Point for LIG	600.00	
Calibration of Digital/Bi-Metal Thermometer/RTD/Thermocouple	1,950.00	
Calibration per Additional Temp Point	390.00	
Calibration of Digital Power Meter (DPM)	4,900.00	
Calibration per Additional Point	350.00	
Calibration of Digital Multimeter (DMM) up t 4 1/2 Digits Res	3,250.00	
Calibration per Additional Point	200.00	
Calibration of AC/DC Voltmeteres	1,950.00	
Calibration per Additional Point	390.00	
Calibration of AC/DC Ammeteres	2,100.00	
Calibration per Additional Point	420.00	
Calibration of Ohmmeter	1,950.00	
Calibration per Additional Point	390.00	
Calibration of Resistors	1,350.00	
Calibration per Additional Point	300.00	
Calibration of Clamp Meter	2,050.00	
Calibration per Additional Point	410.00	

APPROVED BY:

RAPHAEL P.M. LOTILLA  
Secretary



JAN 19 2023