



ENERGY INVESTMENT BRIEFING

MAY 13, 2014
GREENLEAF HOTEL, GENERAL SANTOS CITY





AWARDED RENEWABLE ENERGY PROJECTS IN NORTH COTABATO



	Municipality	Project Name	Capacity (MW)	Company Name	Energy Resource	Status
1		Mt. Zion Geothermal Power Project	20.0	Energy Development Corporation	Geothermal	Awarded
2		Mt. Talomo-Tico Geothermal Project	TBD	AP Renewables	Geothermal	Awarded
3	Alamada	Alamada Hydroelectric Power Project	1.0	Euro Hydro Power (Asia) Holdings, Inc.	Hydro	Awarded
4	Alamada	Malitubog Hydroelectric Power Project	3.0	Euro Hydro Power (Asia) Holdings, Inc.	Hydro	Awarded



PENDING RE PROJECT APPLICATIONS IN NORTH COTABATO



	Municipality	Project Name	Capacity (MW)	Company Name	Energy Resource	Status
1	Magpet	Magpet 1	9.80	Universal Hydrotechnologies, Inc.	Hydro	Pending
2	Magpet	Magpet 2	1.30	Universal Hydrotechnologies, Inc.	Hydro	Pending
3	Makilala	Makilala 1	2.0	Universal Hydrotechnologies, Inc.	Hydro	Pending





AWARDED AND PENDING RENEWABLE ENERGY PROJECTS IN SOUTH COTABATO



	Municipality	Project Name	Capacity (MW)	Company Name	Energy Resource	Status
1	Surallah	Centralla Solar Power Project	12.5	nv vogt Philippines Solar Energy One Inc..	Solar	Awarded
2	Lake Sebu	Takbo	15.0	South Cotabato I Electric Cooperative, Inc..	Hydro	Pending
3	Surallah	Dajay Solar Power Project	10.0	Solarus Partners Inc.	Solar	Pending
4	General Santos City	General Santos City 1 Solar Power Project	10.0	Enfinity Philippines Renewable Resources Inc.	Solar	Pending



AWARDED AND PENDING RENEWABLE ENERGY PROJECTS IN SOUTH COTABATO



	Municipality	Project Name	Capacity (MW)	Company Name	Energy Resource	Status
5	General Santos City	General Santos City 2 Solar Power Project	10.0	Enfinity Philippines Renewable Resources Inc.	Solar	Pending
6	Polomolok	General Santos City 3 Solar Power Project	10.0	Enfinity Philippines Renewable Resources Inc.	Geothermal	Pending

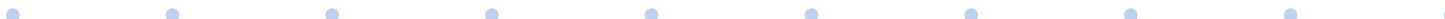




INDICATIVE POWER PROJECTS IN SOUTH COTABATO PROVINCE



	Municipality	Project Name	Capacity (MW)	Company Name	Energy Resource	Status
1	General Santos City	3 x 6.97 MW Bunker-Fired Power Plant	20.9	Peak Power Soccsargen, Inc.	Bunker-Fired	Target Commercial Operation : September 2014





AWARDED AND PENDING RENEWABLE ENERGY PROJECTS IN SULTAN KUDARAT



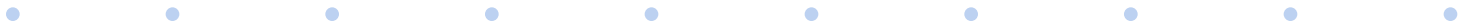
	Municipality	Project Name	Capacity (MW)	Company Name	Energy Resource	Status
1	Kalamansig	Kalamansig Solar Power Project	2.0	Enfinity Philippines Renewable Resources Inc.	Solar	Awarded
2	Isulan	Kabulnan 2 Hydroelectric Power Project	110.0	Sta. Clara Power Corporation	Hydro	Awarded
3	Esperanza	Cabulanan	20.0	M & S Company, Inc.	Hydro	Pending
4	Esperanza	Lower Cabilanan	36.0	M & S Company, Inc.	Hydro	Pending



AWARDED AND PENDING RENEWABLE ENERGY PROJECTS IN SULTAN KUDARAT



	Municipality	Project Name	Capacity (MW)	Company Name	Energy Resource	Status
5	Esperanza	Cabilanan Upper	9.0	M & S Company, Inc.	Hydro	Pending
6	Esperanza	Kulaman	12.0	M & S Company, Inc.	Hydro	Pending
7	Lebak	Tran River Lower Cascade	5.40	M & S Company, Inc.	Hydro	Pending





AWARDED AND PENDING RENEWABLE ENERGY PROJECTS IN SARANGANI PROVINCE



	Municipality	Project Name	Capacity (MW)	Company Name	Energy Resource	Status
1	Alabel	Alabel Solar Power Project	15.0	Solar Pacific Energy Corp.	Solar	Awarded
2	Maasim	Siguil 1 Hydroelectric Power Project	8.70	Alsons Energy Development Corporation	Hydro	Awarded
3	Maasim	Siguil 2 Hydroelectric Power Project	3.20	Alsons Energy Development Corporation	Hydro	Awarded
4	Maasim	Siguil 3 Hydroelectric Power Project	4.80	Alsons Energy Development Corporation	Hydro	Awarded



AWARDED AND PENDING RENEWABLE ENERGY PROJECTS IN SARANGANI PROVINCE



	Municipality	Project Name	Capacity (MW)	Company Name	Energy Resource	Status
5	Maitum	Kalaong 1	12.0	Alsons Energy Development Corporation	Hydro	Awarded
6	Maitum	Kalaong 2	12.0	Alsons Energy Development Corporation	Hydro	Pending
7	Maitum	Kalaong 3	12.0	Alsons Energy Development Corporation	Hydro	Pending





COMMITTED POWER PROJECTS IN SARANGANI PROVINCE



	Municipality	Project Name	Capacity (MW)	Company Name	Energy Resource	Status
1	Maasim, Sarangani	2 x 100 MW Southern Mindanao Coal Fired Power Station	200.0	Sarangani Energy Corporation	Coal- Fired	Target testing and commissioning February 2015

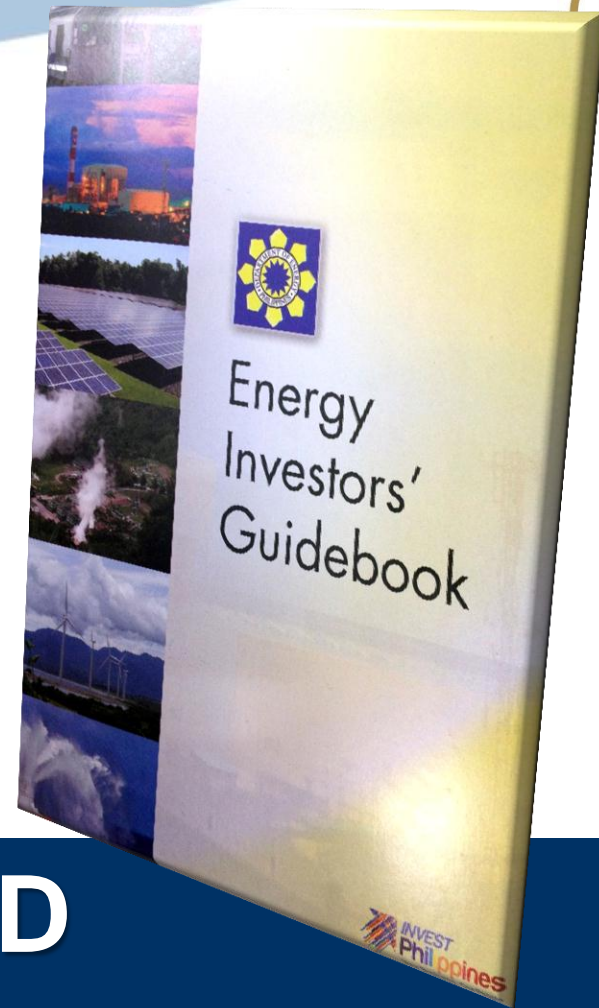




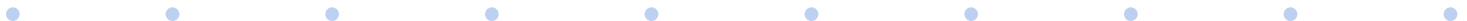
AWARDED COAL OPERATING CONTRACTS IN REGION XII



	Municipality	COC No.	Company Name	Status
1	Bagumbayan, Sultan Kudarat	154	DMC – Construction Equipment Resources Inc.	Exploration
2	Sarangani & South Cotabato	170	Dell Equipment & Construction Corporation	Exploration
3	Ned, Lake Sebu, South Cotabato & Sultan Kudarat	126	Daguma Agro Minerals Inc.	Development & Production
4	Ned, Lake Sebu, South Cotabato & Sto. Niño, Bagumbayan, Sultan Kudarat	134	Sultan Energy Phils. Corporation	Development & Production
5	Maitum, Sarangani Province & Ned, Lake Sebu, South Cotabato	138	Bonanza Energy Resources, Inc.	Development & Production



PROCEDURES AND REQUIREMENTS





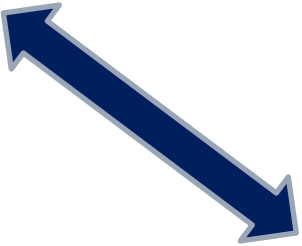
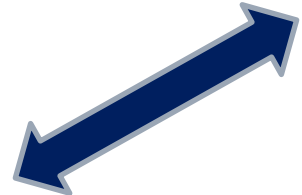
FLOW OF ENERGY INVESTMENT PROCEDURE



ENERGY INVESTOR



DEPARTMENT OF ENERGY



REGISTRATION PHASE

<i>SEC / DTI</i>	<i>BIR</i>
<i>HMDF</i>	<i>SSS</i>
<i>DOLE</i>	<i>BOI</i>
<i>DENR</i>	<i>BFP</i>
<i>Local Government Units</i>	

REGULATORY PHASE

<i>DENR</i>	<i>NCIP</i>
<i>DA</i>	<i>NGCP</i>
<i>DAR</i>	<i>CAAP</i>
<i>CAB</i>	<i>ERC</i>
<i>PPA</i>	<i>DOLE</i>
<i>DPWH</i>	<i>NWRB</i>

OPERATIONAL PHASE

<i>BOI</i>	<i>ERC</i>
<i>BOC</i>	<i>PCG</i>
<i>PNP</i>	<i>PNRI</i>
<i>MARINA</i>	<i>LGU</i>
<i>DOJ</i>	<i>BID</i>
<i>DENR</i>	<i>LGU</i>





Registration Requirements

ENERGY INVESTOR



DEPARTMENT OF ENERGY
Certificate of Endorsement

- to SEC
- to BOI



SECURITIES & EXCHANGE COMMISSION
Registration of Corporations & Partnerships

LOCAL GOVERNMENT UNITS
(Municipal & Barangay; Provincial if needed)
Clearances, Permits, Endorsements

BUREAU of FIRE PROTECTION
Fire Safety Permit

BUREAU of INTERNAL REVENUE
Tax Identification Number, Certificate of Registration

SOCIAL SECURITY SYSTEM
Employer Registration

DEPARTMENT of LABOR & EMPLOYMENT
Alien Employment Permit

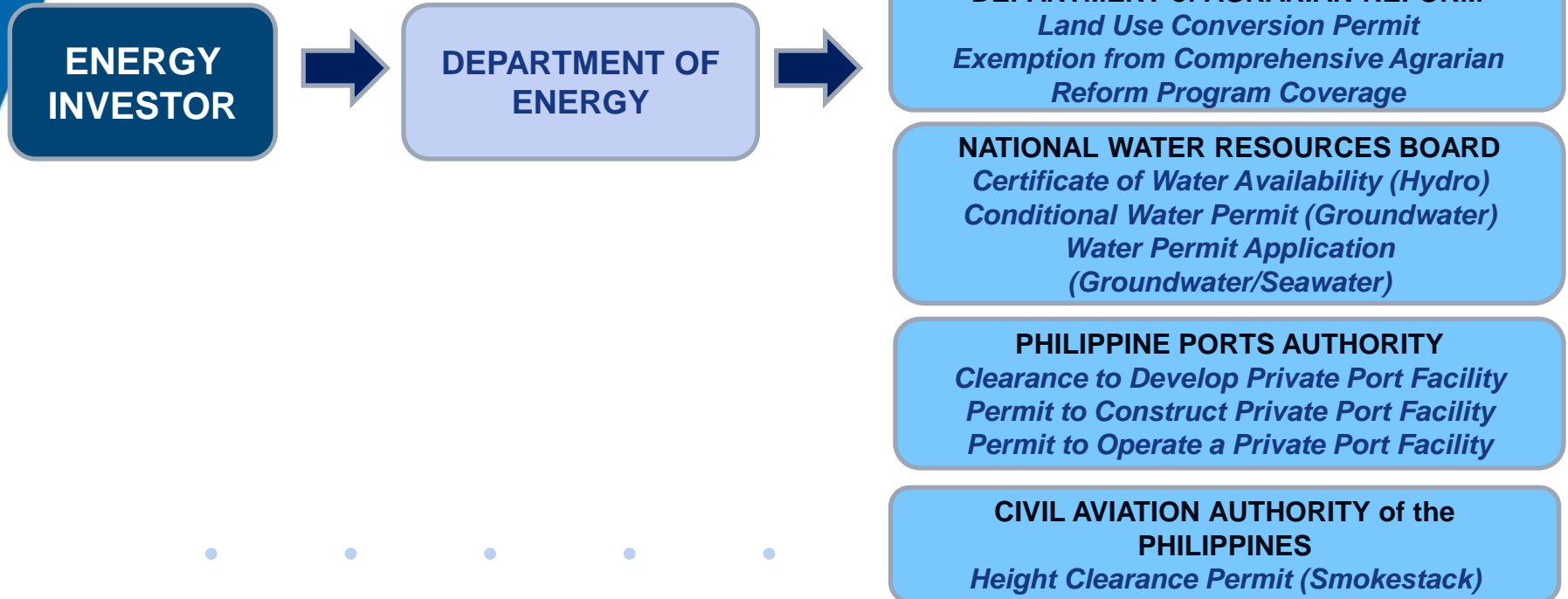
HOME DEVELOPMENT MUTUAL FUND
Member's Data Form

BOARD of INVESTMENTS
Project Registration for Incentives





Regulatory Requirements





Regulatory Requirements

ENERGY INVESTOR



DEPARTMENT OF ENERGY

Certificate of Endorsement to

- ERC for the COC
- NGCP for the GIS



ENERGY REGULATORY COMMISSION
Approval of Power Purchase and Sale Agreement with DU
Certificate of Compliance as a Generation Company
Retail Electricity Supplier License

NATIONAL GRID CORPORATION of the PHILIPPINES
Grid Impact Study
Distribution/Sub-transmission Line Road Right of Way Clearances

DEPARTMENT of LABOR and EMPLOYMENT
Appropriate Alien Employment Permits for Alien Employees
Permit to Operate Boiler / Pressure Vessel
Permit to Operate Elevator / Manlift / Dumbwaiter
Permit to Operate Steam Turbine

PHILIPPINE NUCLEAR RESEARCH INSTITUTE
Radioactive Material License

BUREAU of IMMIGRATION
Philippine VISA, Special Work Permit, Special Investor's Resident VISA, ACR

BUREAU of CUSTOMS
Customs Clearance on Importation
Certificate of Registration





Requirements Specific for Power Generation Projects

ENERGY INVESTOR



DEPARTMENT of ENERGY
Service Contract for RE Projects
Certificate of Endorsement (ERC, BOI & NGCP)
Establishment of Trust Account for ER 1-94

NATIONAL GRID of the PHILIPPINES
System Impact Study
Transmission Service Application

BOARD OF INVESTMENTS
Project Registration for Incentives

DEPARTMENT of ENVIRONMENT & NATURAL RESOURCES
Environment Compliance Certificate
Foreshore Lease Contract
Special Land Use Permit
Wastewater Discharge Permit
Permit to Operate Air Pollution Control Devices

BUREAU of CUSTOMS
Certificate of Registration

CIVIL AVIATION AUTHORITY of the PHILS.
Height Clearance Permit (if needed)

DEPARTMENT of LABOR and EMPLOYMENT
Permit to Operate Boiler/Pressure Vessel
Permit to Operate Elevator/Manlift/Dumbwaiter
Permit to Operate Steam Turbine



Requirements Specific for Renewable Energy Projects

Investment Promotion Office

Geothermal Energy Projects

RENEWABLE ENERGY DEVELOPER / INVESTOR



SECURITIES & EXCHANGE COMMISSION
Registration of Corporations & Partnerships

LOCAL GOVERNMENT UNITS
(Municipal & Barangay; Provincial if needed)
Clearances, Permits, Endorsements

DEPARTMENT of ENERGY
Service Contract for RE Projects

DEPARTMENT of ENVIRONMENT & NATURAL RESOURCES
Environmental Compliance Certificate
Forest Land Use Agreement
Special Land Use Agreement

NATIONAL GRID of the PHILIPPINES
System Impact Study

BOARD of INVESTMENTS
Project Registration for Incentives

NATIONAL COMMISSION ON INDIGENOUS PEOPLES
Certificate Precondition

ENERGY REGULATORY COMMISSION
Certificate of Compliance



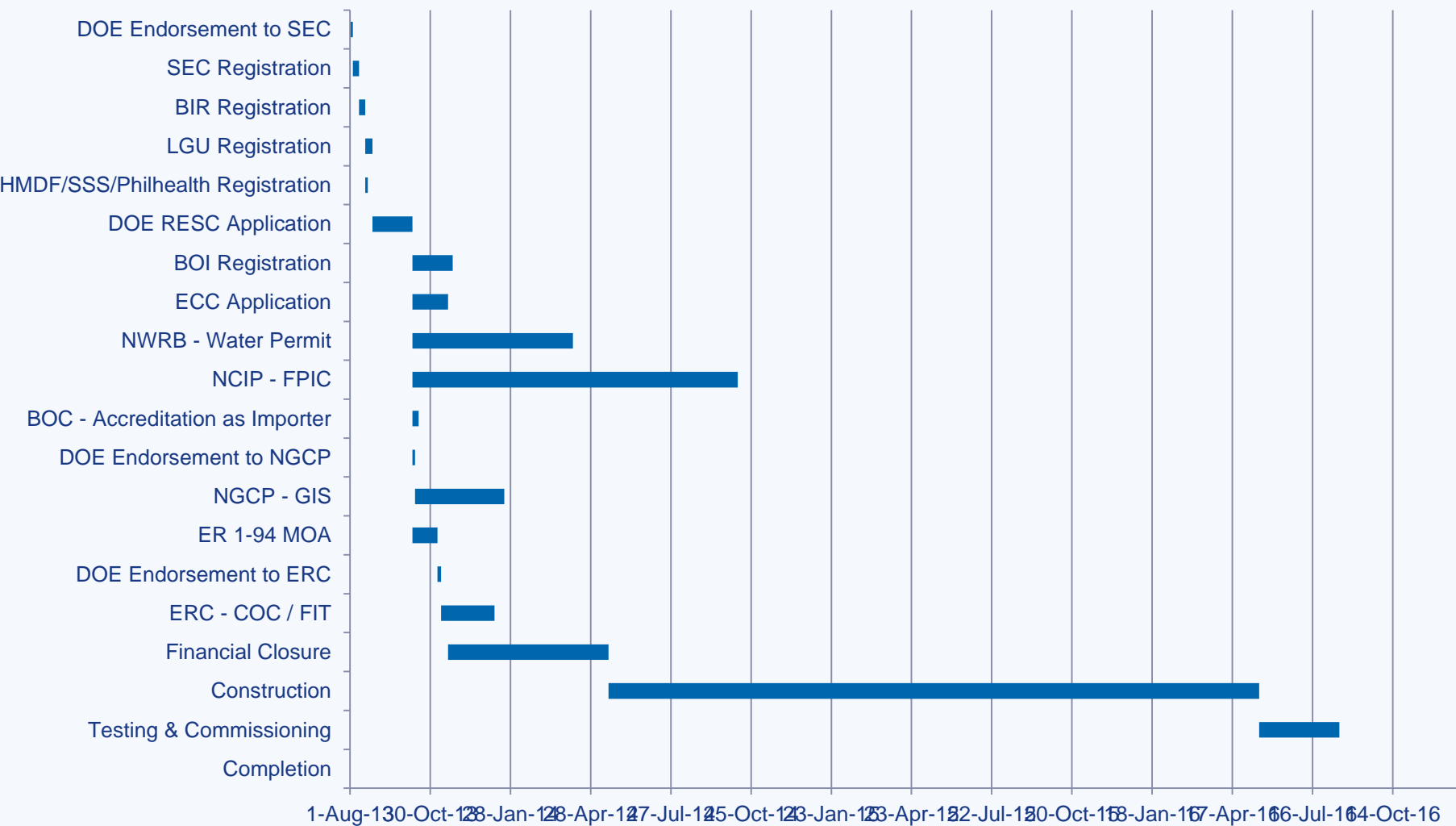


Estimated Timelines for an RE Project (from Incorporation – Project Completion)

Task	Start Date	No. of Days
DOE Endorsement to SEC	1-Aug-13	3
SEC Registration	4-Aug-13	7
BIR Registration	11-Aug-13	7
LGU Registration	18-Aug-13	8
HMDF/SSS/Philhealth Registration	18-Aug-13	3
DOE RESC Application	26-Aug-13	45
BOI Registration	10-Oct-13	45
ECC Application	10-Oct-13	40
NWRB - Water Permit	10-Oct-13	180
NCIP - FPIC	10-Oct-13	365
BOC - Accreditation as Importer	10-Oct-13	7
DOE Endorsement to NGCP	10-Oct-13	3
NGCP - GIS	13-Oct-13	100
ER 1-94 MOA	10-Oct-13	28
DOE Endorsement to ERC	7-Nov-13	4
ERC - COC / FIT	11-Nov-13	60
Financial Closure	19-Nov-13	180
Construction	18-May-14	730
Testing & Commissioning	17-May-16	90
Completion	15-Aug-16	
		1,110 days



Estimated Timelines for an RE Project (from Incorporation – Project Completion)



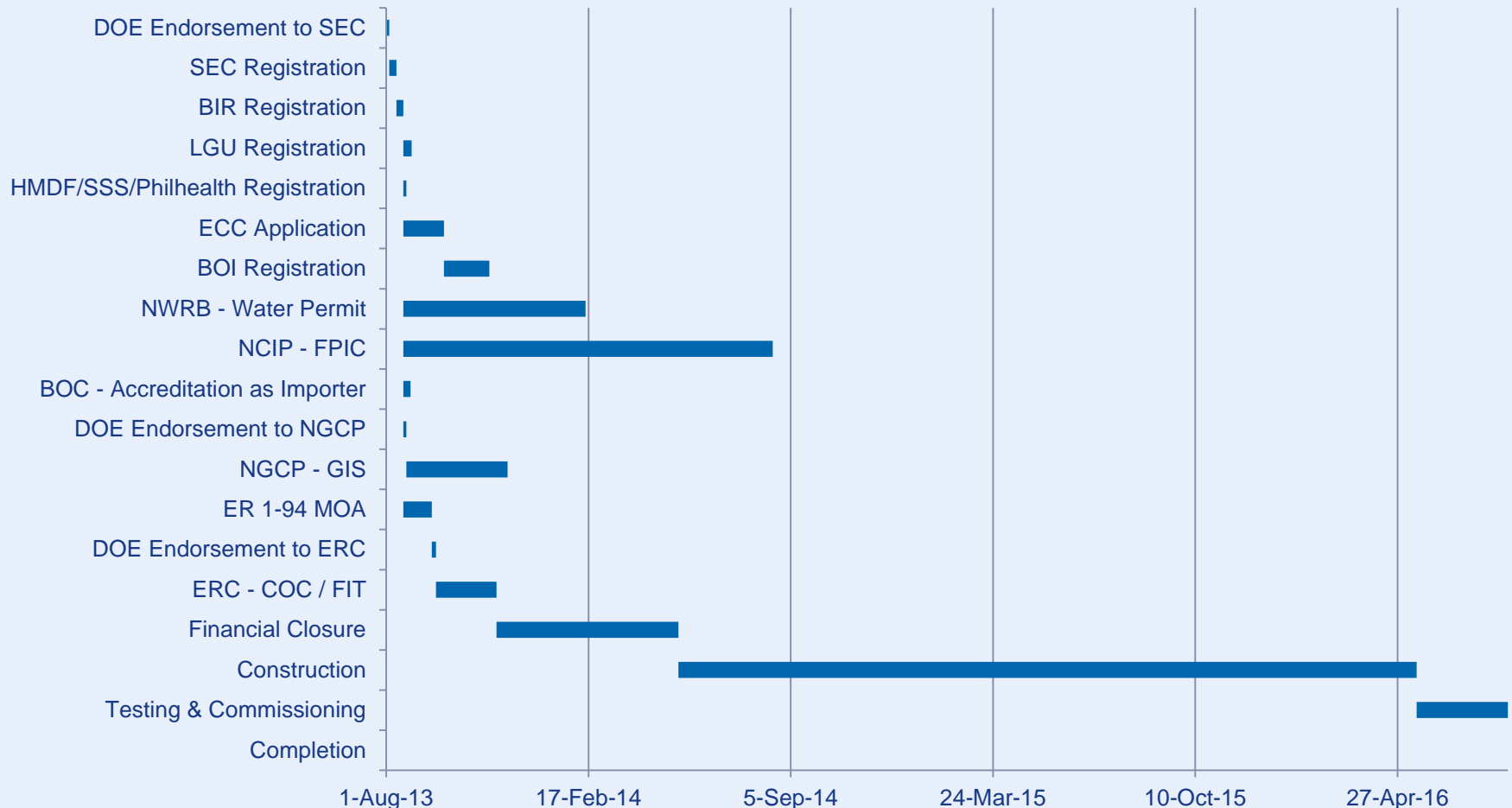


Estimated Timelines for a Conventional Power Plant Project (from Incorporation – Project Completion)

Task	Start Date	No. of Days
DOE Endorsement to SEC	1-Aug-13	3
SEC Registration	4-Aug-13	7
BIR Registration	11-Aug-13	7
LGU Registration	18-Aug-13	8
HMDF/SSS/Philhealth Registration	18-Aug-13	3
ECC Application	18-Aug-13	40
BOI Registration	27-Sep-13	45
NWRB - Water Permit	18-Aug-13	180
NCIP - FPIC	18-Aug-13	365
BOC - Accreditation as Importer	18-Aug-13	7
DOE Endorsement to NGCP	18-Aug-13	3
NGCP - GIS	21-Aug-13	100
ER 1-94 MOA	18-Aug-13	28
DOE Endorsement to ERC	15-Sep-13	4
ERC - COC / FIT	19-Sep-13	60
Financial Closure	18-Nov-13	180
Construction	17-May-14	730
Testing & Commissioning	16-May-16	90
Completion	14-Aug-16	
	1,109 days	



Estimated Timelines for a Conventional Power Plant Project (from Incorporation – Project Completion)

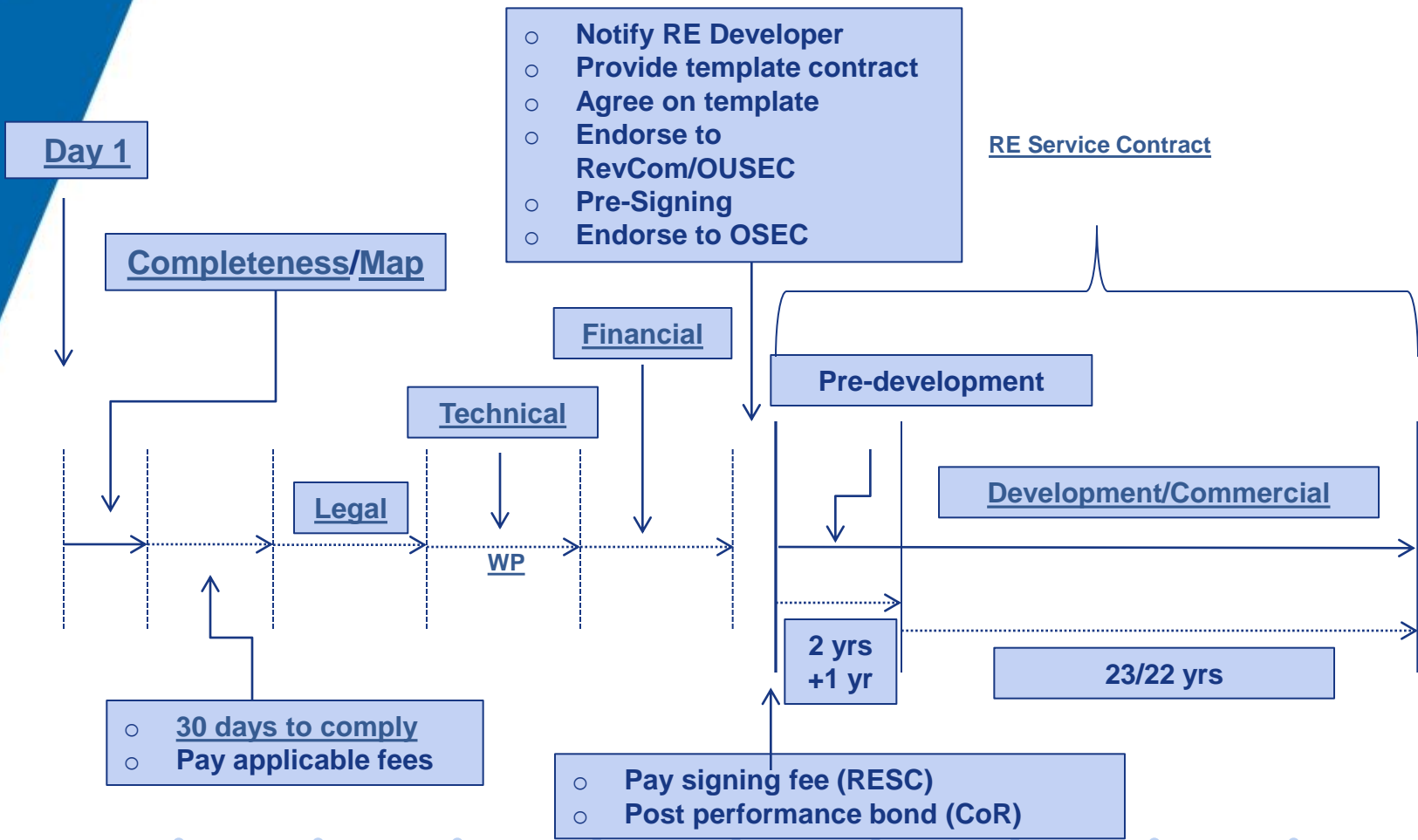




PROCESS FLOW OF TRANSPARENT AND COMPETITIVE SYSTEM OF AWARDING RENEWABLE ENERGY SERVICE/OPERATING CONTRACT AND REGISTRATION OF RENEWABLE ENERGY DEVELOPERS



RESC Application, Approval and Award Process





Registration Process (Direct Negotiation)

Investment Promotion Office

RE Applicant submits RE Application to OSEC

OSEC checks the completeness of RE Application against the prescribed list

If Application is complete, OSEC issues order of payment to RE Applicant to pay Application Fee

DOE evaluates the RE application and negotiates the terms and conditions of the RE contract within 45 days

If the RE Applicant is legally, financially and technically qualified, Review Committee Recommends to the DOE Secretary the Award of RE Contract

DOE advises the winning RE Applicant of the schedule of signing of RE Contract

DOE awards and parties sign the RE Contract

DOE issues the Certificate of Registration to RE Developer upon effectivity of the RE Contract

Note : Submission of a Letter of Intent and/or an RE Contract Application Form only without attaching legal, technical and financial documentary requirements shall not be considered as a submission of an RE Application



Registration Process (Open and Competitive Selection)

DOE Posts/Publishes the Notice of Invitation for RE Project Proposal

RE Applicant submits RE Proposal to OSEC

OSEC checks the completeness of RE Proposal against the prescribed checklist

OSEC issues order of payment to RE Applicant to pay Application Fee

Review Committee determines if the RE Applicant is legally, technically and financially qualified

If RE Applicant is qualified, REMB notifies Applicant and advises to pay processing fee

Review Committee recommends to the DOE Secretary the Award of RE Contract

DOE advises the winning RE Applicant of the schedule of signing of RE Contract

DOE Awards and Parties sign the RE Contract

DOE issues the Certificate of Registration to RE Developer upon effectivity of the RE Contract





Conversion from Pre-Development Stage to Development/Commercial Stage

RE Developer submits Application for Conversion and Declaration of Commerciality

OSEC checks the completeness of requirements

Review Committee evaluates financial and technical aspects of the RE project

DOE issue confirmation of Commerciality and negotiate the terms and conditions of the RE Development Service Contract

Review Committee recommends to the DOE Secretary the conversion of the RE Contract

DOE advises the RE Developer on the Signing of Development/Commercial RE Contract

Parties sign the Development/Commercial RE Contract

RE Project under Development/Commercial RE Contract

Note : The DOE Certificate of Registration issued to RE Developer during the effectivity of the Pre-Development RE Contract shall remain valid upon approval of conversion. Thus, it shall continue to serve as a proof of entitlement of incentives under R.A. 9513.



Checklist of Requirements

- A. Letter of Intent**
- B. Duly Accomplished RE Contract Application Form**
- C. Map showing the applied area (must conform with the DOE Blocking System)**
- D. Application and Processing Fees**

- E. Legal Requirements (Corporation / Joint Venture / Consortium):**
 - a. Securities and Exchange Commission Registration (SEC Certified)
 - b. By-Laws and Articles of Incorporation (SEC Certified)
 - c. Certification authorizing its representative to negotiate with the DOE
 - d. General Information Sheet (SEC Certified)
 - e. Valid Business Permit (current year)
 - f. Controlling Stockholders and Percentage of their Holdings;
 - g. Organizational Chart of the Company
 - h. Parent/subsidiary/Affiliates (if applicable) ; and
 - i. Company Profile

- F. Technical Requirements :**
 - a. Track Record or Experience
 - b. Work Program with financial commitment per activity
 - c. Curriculum Vitae of Management and Technical Personnel
 - d. List of Technical Consultants with corresponding Contract between the Developer and Consultants showing their respective qualifications
 - e. List of existing company-owned and leased equipment appropriate for the RE project with corresponding description



Checklist of Requirements

G. Financial Requirements (Corporation / Joint Venture / Consortium):

- a. Audited Financial Statement for the last two (2) years and unaudited Financial Statement if the filing date is three (3) months beyond the date of the submitted Audited Financial Statement
- b. Bank Certification to substantiate the cash balance (exact amount in words and numbers)
- c. Projected cash flow statement for two (2) years
- d. For newly-organized or subsidiary corporation with insufficient funds to finance the proposed work program, it shall submit an audited Financial Statement and duly certified and/or notarized guarantee or Letter of Undertaking/Support from its parent company or partners to fund the proposed Work Program. In the case of foreign parent-company, the Audited Financial Statement and the guarantee or Letter of Undertaking / Support shall be authenticated by the Philippine Consulate that has consular jurisdiction over the said parent company.





Checklist of Requirements for Conversion to Development / Commercial Stage

1. Letter of Declaration of Commerciality declaring the RE project is commercially feasible and viable
2. Feasibility study and / or detailed engineering design of the RE project with the following corresponding documents:
 - a. Resolution of Support from host communities and host municipality
 - b. Proof of Public Consultation
 - c. Any form of legal documents showing the consent of the landowner if the project falls under a private land
 - d. Department of Environment and Natural Resources Permits:
 - i. Environmental Impact Study
 - ii. Environmental Compliance Certificate or Certificate of Non-Coverage
 - iii. Forest Land Use Agreement / Special Land Use Agreement for area applied in public domain
 - e. National Grid Corporation of the Philippines
 - i. Grid System Impact Study
 - ii. Interconnection Agreement (if applicable)
 - f. Energy (Electricity) Sales Agreement
 - g. Other clearances from other concerned agencies
 - h. Proof of Financial Closing
 - i. Final area for development (geographical coordinates)
 - j. Payment for corresponding Application / Processing Fee



ENDORSEMENTS FROM DOE





ENDORSEMENTS FROM DOE

Investment Promotion Office

**CERTIFICATE OF ENDORSEMENT
From
DEPARTMENT OF ENERGY**



SECURITIES AND EXCHANGE COMMISSION
Incorporation of the Company

BOARD OF INVESTMENTS
Project Registration for Incentives

NATIONAL GRID OF THE PHILIPPINES
System Impact Study

ENERGY REGULATORY COMMISSION
Certificate of Compliance

**NATIONAL COMMISSION ON INDIGENOUS
PEOPLES**
Certificate Precondition

NATIONAL WATER RESOURCES BOARD
Water Permit Application

DEPARTMENT OF AGRARIAN REFORM
Land Use Conversion Permit



Endorsement to Securities and Exchange Commission

Investment Promotion Office

This endorsement is being issued to companies engaging in power-related business.

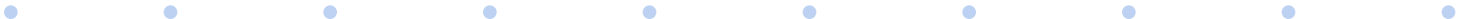
We issued no objection on the following:

- Articles of Incorporation
- Amended Articles of Incorporation
 - Change of Company Name/Office Address
 - Amending Primary Purpose
 - Increase in Capital
 - Change in Incorporators

Requirements:

1. Letter request
2. SEC Cover Sheet*
3. Articles of Incorporation/Amended Articles of Incorporation*
4. General Information Sheet (GIS)*
5. Director's Certificate duly signed

** Should be SEC Certified*





Endorsement to Board of Investment

Investment Promotion Office

Documentary Requirements:

1. Letter request
2. Company Profile / Background
 - a. Briefly describe the company, its history and the sector in which it operates
 - b. List of Key Officials
 - c. List and Overview of the major power projects accomplished by the company if applicable
3. SEC/DTI Registration (SEC Certified Articles of Incorporation, By-Laws and General Information Sheet)
4. Project Profile
 - a. Project background (exact location, official name of the facility, commissioning date, commercial operation date, and off-take of electricity)
 - b. Feasibility Study
 - c. Technical Description
 - d. Total Investment Cost (include breakdown of the entire project cost and assumptions)
 - e. Financial Statement – 5-year financial project
 - f. For Coal Plants, please indicate sources of coal and percentage of its sources
 - g. For Diesel Plants, please provide certificate from fuel supplier indicating compliant with the biodiesel blend requirement and Fuel Supply Agreement
5. Copy of Competitive Selection Process Certificate for SPUG Areas





Certificate of Endorsement to ERC for COC

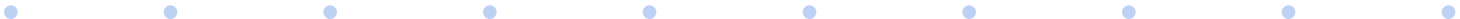
Investment Promotion Office

WHO ARE REQUIRED TO APPLY?

- Existing Generation Facilities
- Generation Facilities Under Construction
- New Generation Facilities

WHAT ARE THE REQUIREMENTS?

- Letter of Request
- Company Profile
- Articles of Incorporation
- Project Background/Description (exact location, official name of the facility, commissioning date and off-taker of the electricity)
- Historical Power Generation Data (for existing generating facility)
- Service/Operating Contract (for Renewable Energy-Based facilities)



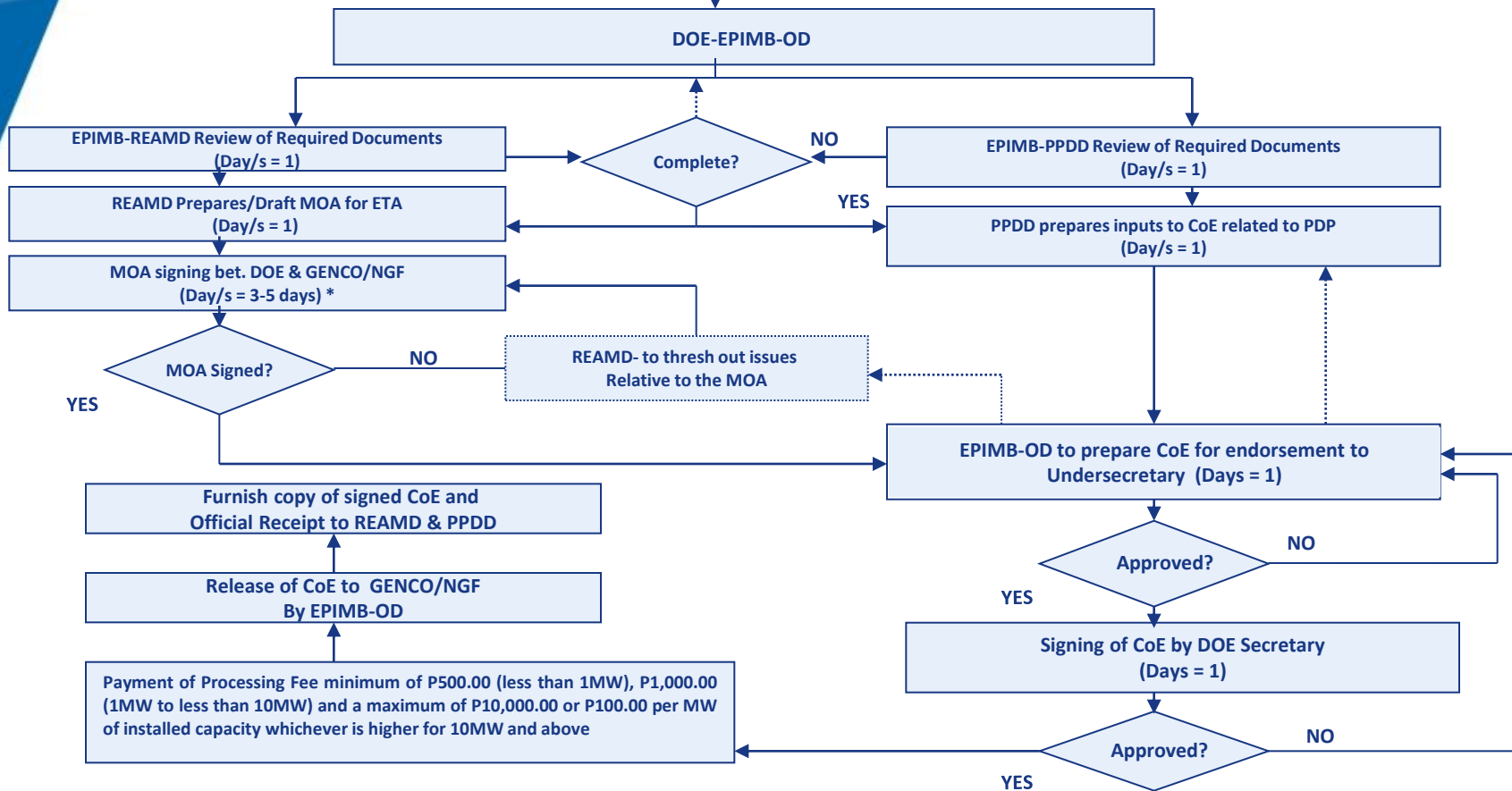


PROCESS FLOW IN THE ISSUANCE OF DOE CERTIFICATE OF ENDORSEMENT (CoE)

(Compliance to PDP and E.R. No. 1-94, as amended)



REQUIRED DOCUMENTS FROM GENCO & NEW GENERATING FACILITY
 1. Letter of Request 2. Company Profile 3. Project Background/Description (please include: exact location, official name of the facility, commissioning date and off-taker of the electricity) 4. Articles of Incorporation 5. For Existing Generating Facility: Historical Generation Data 6. Service/Operating Contract (for Renewable Energy-Based Power Plant)



Note: The DOE Certificate of Endorsement is a requirement under the Amended Guidelines for the Issuance of Certificate of Compliance by Energy Regulatory Commission promulgated on March 7, 2003.

*The estimated number of days is based on the assumption that the party has signed and documented the said MOA.

➤ GENCO – Generation Company
 ➤ NGF – New Generating Facility

➤ MOA – Memorandum of Agreement
 ➤ ETA – Establishment of Trust Accounts

EPIMB – Electric Power Industry Management Bureau
 PPDD – Power Planning and Development Division
 REAMD – Rural Electrification and Management Division

Address the Letter of Request to the DOE Secretary & attention to the Undersecretary for Power, cf: EPIMB Director

----- Feedback



FEE STRUCTURE

In compliance with the Executive Order No. 197, dated 13 January 2000, and Executive Order No. 218, dated 15 March 2000, on the fees and charges collected by National Government Agencies and Controlled Corporations, the DOE published the SCHEDULE OF FEES AND CHARGES on 12 May 2004 in two (2) newspapers of general circulation.

PROCESSING FEE

Less than 1 MW installed capacity	- P 500.00
1 MW to less than 10 MW	- 1,000.00
10 MW and above	- 10,000.00 or P 100.00 per MW of installed capacity whichever is higher





Clearance to undertake System Impact Study (SIS)

Investment Promotion Office

Requirements:

1. Letter request
2. Project Profile (capacity, location and commissioning date of the project)
3. Service/Operating contract from REMB (for RE projects)





THANK YOU !

**Investment Promotion Office
Department of Energy
D.L. 840-2255
T.L. 479-2900 LOC. 389/371
Email : doe_ipo@doe.gov.ph**