

# லாீகை காரீசகாடெ லாீகால வருடாந்த செயற்பாட்டு அறிககை **Annual Performance Report** **2015**



வீட்டிலெ லா ஶுதர்சனகீச லெகைக்கி அலாககாஂகெ  
மின்வலு மற்றும் மீள்புத்தாக்க சக்தி அமைச்சு  
**Ministry of Power and Renewable Energy**

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## 01. Introduction to the Ministry

In accordance with the Gazette Notification Number 1681/3 dated 22/11/2010 and the Gazette Notification of 1798/13 dated 18/02/2013, the duties and functions that had been entrusted to the Ministry of Power and Energy, in respect of the statutory boards and institutions were discharged up to 17 January 2015 by the Ministry with relevant to the year 2015. The relevant amendments were made to the acts that had been empowered the statutory boards and institutions to carry out their said duties and functions by the Extraordinary Gazette number 1897/15 issued on 18 January 2015.

In accordance with said amendments by assigning the below mentioned duties and functions, statutory boards and institutions and the acts that had been empowered to carry out to the Ministry of Power and Energy, the scope of the Ministry was broaden additionally.

### Duties and Functions

1. Import, refining, storage, distribution and sale of petroleum based products and natural gas.
2. Producing and refining of petroleum products.
3. Production of gas from sources such as petroleum products and distribution.
4. Development of infrastructure facilities for supply and distribution of fuel

### Statutory Boards and Institutions

1. Ceylon Petroleum Cooperation

2. Ceylon Petroleum Storage Terminals Limited.
3. Petroleum Resources Development Secretariat
- 4 . Polipto Lanka (Pvt.) Ltd.

### Laws to be Implemented

1. Act of Ceylon Petroleum Corporation Act. (Act No 28 of 1961)
2. Act of Petroleum Resource Development. (Act No 23 of 2003)

The name of the Ministry was amended as **Ministry of Power and Renewable Energy** by the Extraordinary Gazette Number 1933/13 dated 21/9/2015 and the duties and functions assigned to the Ministry have been amended as follows by the said Gazette Notification.

### Duties and Functions

1. Formulation of policies, programmes and projects, monitoring and evaluation in regard to the subjects of power and renewable energy and those subjects that come under the purview of Departments, statutory Institutions and Public Corporations coming under the purview of the Ministry.



2. Formulation of an appropriate power policy for the control, regulation and utilization of power resources
3. Investigation, planning, monitoring and development of activities relating to generation of power from sources, such as water, heat, coal and wind
4. Rural electrification
5. Management of demand to ensure energy efficiency, and development of renewable power
6. Development of Renewable Energy
7. Matters relating to all other subjects assigned to Institutions coming under the purview of the Ministry.
8. Supervision of the Institutions coming under the purview of the Ministry.

#### **Statutory Boards and Institutions**

1. Ceylon Electricity Board and its subsidiary companies
2. Lanka Electricity Company (Pvt.) Ltd.
3. Lanka Coal Company (Pvt.) Ltd.
4. LTL Holdings (Pvt.) Ltd.
5. Sri Lanka Sustainable Energy Authority
6. Sri Lanka Atomic Energy Board

7. Sri Lanka Atomic Energy Regulatory Council

#### **Laws to be Implemented**

1. Sri Lanka Electricity Act, No. 20 of 2009
2. Sri Lanka Sustainable Energy Authority Act. No. 35 of 2007
3. Sri Lanka Atomic Energy Act, No. 40 of 2014
4. All other legislations pertaining to the subjects coming under the purview of the Ministry, and not specifically brought under the purview of any other Minister.

Accordingly, the Ministry of Petroleum Industries, which combined with the Ministry of Power and Energy from 18 January 2015, has been effective as separate Ministries from 21 September 2015.

Only the performance relevant to power and energy sector during the year 2015 is submitted through this report, the performance relevant to Petroleum industries will be submitted by the said Ministry.

## **Vision**

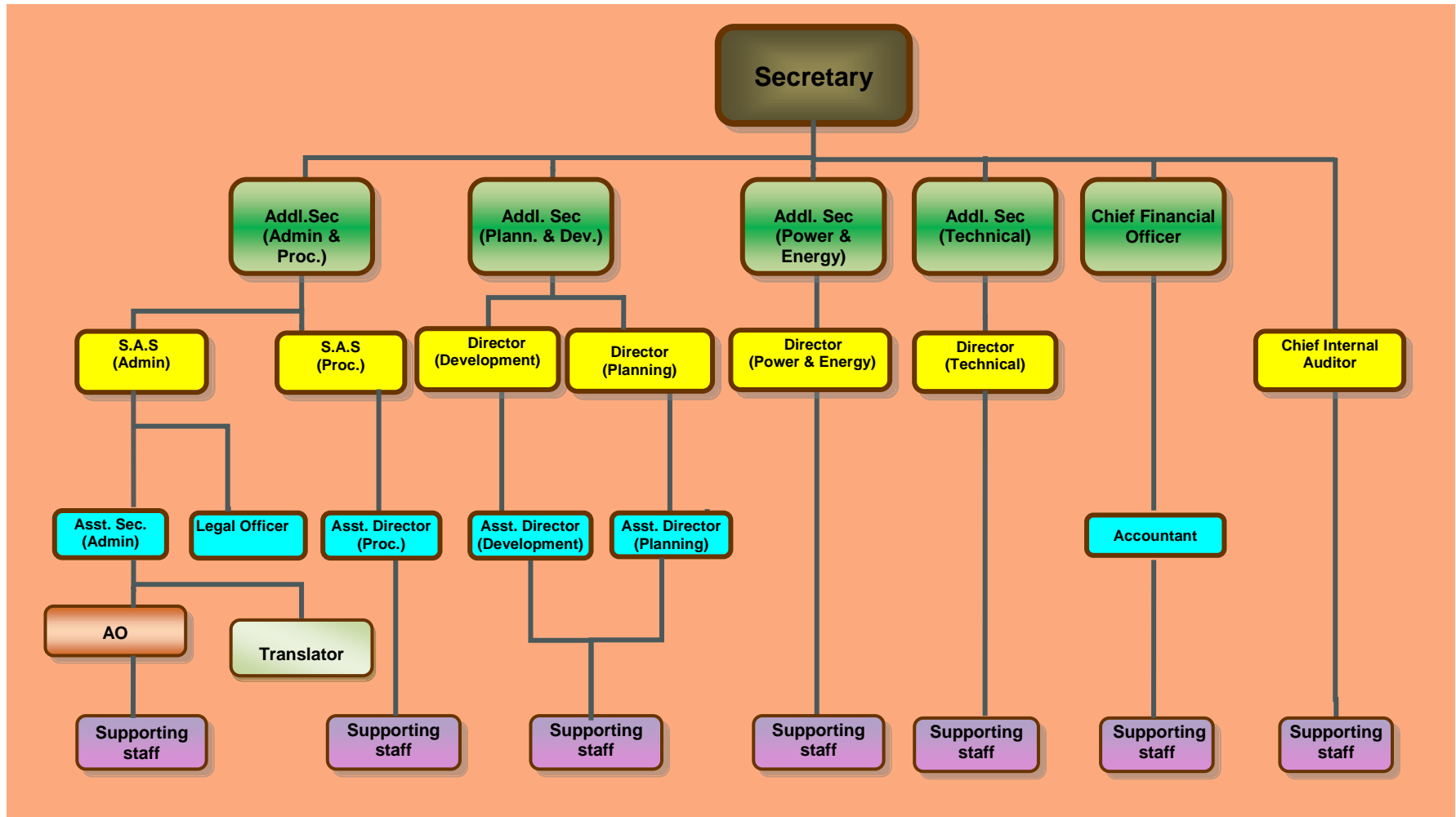
"Sri Lanka will have an efficient and dynamic energy sector, which would facilitate economic development and adopt international best practices."

## **Mission**

**"To provide electricity for all at all times and to meet the demand for energy services with affordable, reliable, diverse, safe and environmentally acceptable choices for the people of Sri Lanka. Such services are to be provided in the most economically and socially efficient manner, thereby promoting sustainable economic development and social well-being of the country."**



# Organization Chart



## 2. Administration Division

### Main Functions

The Administration Division is responsible for overall administration of the Ministry and to have a co-ordination among divisions on matters of administration and for guidance and supervision on matters of administration of the Statutory Boards and Institutions coming under the purview of the Ministry, using effective strategies of administration.

### Performance

Following measures have been taken by the Administration Division to achieve targets, as per the Action Plan.

### Maintenance of Personal Files

Personal files of all the staff of the Ministry have been properly updated, so it has helped to make necessary arrangements for confirmations, salary revisions, annual increments, EB examinations and promotions on time.

Consequently, updating personal files punctually, Ministry could forward them to the respective offices, when the employees get transfers.

As a result of the Maintenance of an updated database on the approved cadre, filling of vacancies in this Ministry became easier and more efficient.

During the year 2015, it has been able to develop and enhance the knowledge and skills of the officials of the institutions coming under the purview of the Ministry, such as Ceylon Electricity Board, Lanka Electricity Company (Pvt.) by providing facilities to those officials for foreign scholarships, training and research programmes.

The Officials in the clerical and allied services and all other officers have been provided with local training, which helped them to enhance their knowledge and skills. This training was advantageous for them to perform their day-to-day functions easily and systematically.

### Changes of the Cadre

During the year 2015, the following employees assumed duties to this Ministry on transfer/new appointments



Category	No. of Officials
Staff Officers	5
Development Officers	2
Public Management Assistants	7
Driver	6
Office Employee Assistants	1

Following employees have permanently released from the service.

Category	No. of Officials
Development Officers	3

The following development officer resigned from service due to personal reasons and other employees have obtained permanent appointments from the temporary basis.

Category	No. of Officials
Development Assistants	1
Drivers	3

Since the contract period has terminated following officials have vacated from the services.

Category	No. of Officials
Staff Officers	1

The following employees went on transfer during the year:

Category	No. of Officials
Staff Officers	3
Development Officers	1
Public Management Assistants	5
Drivers	4
Office Employee Assistants	3

The following employees retired during the period

Category	No. of Officials
Office Employee Assistants	1

### Parliamentary Questions

09 Parliamentary questions were referred to the Ministry during the year 2015 and answers for all 9 questions.

### Transport Activities

Provided an efficient service as a supporting service from the Transport Section.

Official transport requirement of Hon. Minister, Hon. Deputy Minister and the Ministry Officials, was met.

Proper maintenance and repairs of all the vehicles belonging to this Ministry under the provision of Circulars were carried out during the year 2015.

5 preliminary reports and 4 final reports under the FR 104, were submitted to the Auditor General within the year

## Welfare

It has given an opportunity to buy exercise books at concessionary prices by the Government Printing Cooperation for the members of the Welfare Association on an easy payment scheme of recovering on installments.



*Some moments of the Water melon Dansala*

“Water melon Dansala “organized by the officers in the Tender division was held in front of the Ministry on 3/6/2015 participating officers of the Ministry for the Poson Poya Day.

The Welfare Association has coordinated an awareness programme regarding the National Drug Prevention Programme.

Many Promotional Programmes conducted by banks and other institutions have been coordinated by the Welfare Organization and it has given the opportunity to buy mobile phones from SoftLogic Institution on the basis of recovering on installments.

In addition, it has provided funding assistance for the funerals of two members of the Welfare Association.

A New Year Festival has been successfully organized by the Welfare Organization on 28.04.2015.



*Some events of New Year Festival.*

### **Other Responsibilities**

Necessary action has been taken to grant vehicle permits for 43 applicants received for the importation of vehicles under the concessionary terms for the staff officials of this Ministry and Ceylon Electricity Board

*Cadre information of the Ministry*

අංකය	Service	Approved Cadre	Existing cadre	Variation
01	Secretary	01	01	-
02	Addl.Sec (Admin & Proc.)	01	01	-
03	Addl.Sec (Power & Energy)	01	-	01
04	Addl.Sec (Technical)	01	01	-
05	Addl.Sec (Plann. & Dev.)	01	01	-
06	Chief Finance Officer	01	01	-
07	Senior Asst. Secretary(Proc.)	01	01	-
08	Senior Asst. Secretary(Admin)	01	01	-
09	Director (Development)	01	01	-
10	Director (Power & Energy)	01	01	-
11	Director (Planning)	01	-	01
12	Director (Technical)	01	-	01
13	Chief Internal Auditor	01	01	-
14	Accountant	01	01	-
15	Asst. Director (Planning)	01	01	
16	Asst. Secretary(Admin)	01	01	-
17	Asst. Director (Development)	01	01	-
18	Asst. Director (Proc.)	01	01	-
19	Legal officer	01	-	01
20	Administrative Officer	01	-	01
21	Translator	02	01	01
22	ICT Officer	01	-	01
23	Development Officer	30	23	07
24	Development Assistant	01	01	-
25	Secretary's Co - Secretary (Temporary)	01	01	-
26	Public Management Assistant	38	28	10
27	ICT Assistant	01	-	01
28	Videographer	01	01	-
29	Video Camera Helper	01	01	-
30	Still Photographer	01	01	-
31	Drivers	21	20	01
32	KKS	24	21	03
	<b>total</b>	<b>142</b>	<b>113</b>	<b>29</b>

**Human Resource Development**

**Foreign Training**

Programme	Country	Period	Participants
			Name and Designations
State Visit of President Maithripala Sirisena	India	15th -19th Feb 2015	Hon. Patali Champika Ranawaka Minister of Power and Energy
Second Country Study - Diploma in Public Procurement and Contract Administration	Malaysia	21st -27th Feb 2015	Mrs.K.V.I.Mallika Senior Assistant Secretary (Tender)
Asia Leadership Programme on Sustainable Development and Climate Change	Japan	02nd -07th March 2015	Mr.H.M.B.C.Herath State Secretary
Course on Rural Development and Poverty Alleviation	Malaysia	01st - 13th March 2015	Mr.H.A.K.R.Tissera Senior Assistant Secretary (Admin)
05th Meeting of the BIMSTEK Task force on Trans-Power Exchange	Bangladesh	16th March 2015	Mr.D.A.U.Daranagama Addl. Sec. (Plan. & Dev.)
Seminar on Infrastructure Construction and Planning for Sri Lanka	China	19th March - 07th April 2015	Ms.P.H.Wijesinghe Asst. Director (Dev.)
State Visit of President Maithripala Sirisena	China	25th - 28th March 2015	Hon. Patali Champika Ranawaka Minister of Power and Energy
HIS CERA week conference	Houston, USA	20th -24th April 2015	Dr.B.M.S.Batagoda Secretary
Carbon Expo 2015 Conference	Spain	26th -28th May 2015	Dr.B.M.S.Batagoda Secretary
visit India to invite the Chief Guest for Energy Symposium	India	08th - 09th June 2015	Hon. Patali Champika Ranawaka Minister of Power and Energy
10th Asia Clean Energy Forum	Philippine	15th - 19th June 2015	Mr.D.A.U.Daranagama Addl. Sec. (Plan. & Dev.) Mr.K.L.R.C.Wijayasinghe Director (P & E) Mr.C.H.P.Liyanarachchi Accountant
2015 Ministerial Seminar on Solar Energy Development and utilization for developing countries.	China	05th - 11th August 2015	Mr.H.M.B.C.Herath State Secretary of Power and Energy Mr.S.A.N.Saranatissa Additional Secretary (Admin. & Proc.)
Inter-regional workshop on leadership and management introducing an expanding	Argonne, USA	10th - 21st August 2015	Mr.K.L.R.C.Wijayasinghe Director (P & E)



<b>nuclear power programme</b>			
<b>02nd Meeting of Task Force 3 05th Meeting Task force 1</b>	India	05th - 06th Aug 2015	Mr.K.L.R.C.Wijayasinghe Director (P & E)
<b>Transportation of Liquefied natural gas</b>	Malaysia	10th - 22nd Aug 2015	Mr.S.K.Malavisooriya Chief Internal Auditor
<b>2015 seminar on infrastructure planning and construction for developing countries.</b>	China	20th Aug - 09th Sep 2015	Mr.H.A.K.R.Tissera Senior Assistant Secretary (Admin.)
<b>GTC/RTC : Energy - saving technology and governmental promotion.</b>	Japan	23rd Aug - 19th Sep 2015	Ms.P.H.Wijesinghe Asst. Director (Dev.)
<b>Electricity market operation &amp; design executive exchange</b>	Norway	31st Aug - 03rd Sep 2015	Mr.J.G.L.S.Jayawardena Director (Dev.)
<b>Seminar on Sustainable development strategy of electricity power for developing countries.</b>	China	31st Aug - 20th Sep 2015	Mrs.S.R.B.R.G.C.Gannoruwa Director (Plan.)
<b>Asian regional workshop on renewable for energy efficiency</b>	Singapore	27th - 31st July 2015	Mr.D.A.U.Daranagama Additional Secretary (P & D)
<b>Fueling the future: Meeting south east Asia's energy needs.</b>	Singapore	26th - 30th Oct 2015	Mrs.K.V.I.Mallika Senior Assistant Secretary (Tender)
<b>Capacity development for mainstreaming energy SDG's Targets and indicators in to statistical programmes in selected Asian countries.</b>	Korea	17th - 19th November 2015	Mr.M.G.A.Goonetilleke Additional Secretary (Tech)
<b>Technical Exchange in Japan on high efficiency power generation</b>	Japan	16th - 20th Nov	Mrs.K.V.I.Mallika Senior Assistant Secretary (Tender) Mr.K.L.R.C.Wiajaysinghe Director (P&E)
<b>2015 Policy Dialogue on energy for sustainable development in Asia and the Pacific</b>	Bangkok	14th - 16th Dec 2015	Mr.M.G.A.Goonetilleke Additional Secretary (Tech) Mr.R.P.D.A.Premalal Chief Finance Officer

**Local Training**

No	Institution	program	Duration	Participations	Cost
01.	Skills Development Fund Ltd	Office Management & Establishment Code	2015.03.02 - 03	Mrs. W.T.M.A.P. Tennakoon - Dev.Officer	Rs.8,500/-
02.	Sri Atomic Energy Board	Non Destructive Testing	2015.03.02 - 26	Mr. K. V. Kularathna - Dev.Officer	Rs.27,306/-
03.	University of Sri Jayawardenepura	PhD in management Program	03 Years	Mr. Sulakshana Jayawardana - Director (Development)	Rs.329,000/-
04.	University of Colombo	Master Degree		Mrs. Prasadi Wejisingha – Assistant Director (Development)	-
05.	Skills Development Fund Ltd	Personal Files	2015.08.30-09.01	Mrs. Thushari Galpaya - Dev.Officer	Rs.8,500/-
06.	Skills Development Fund Ltd	Role & Responsibilities of Accounts Clerk	2015.09.28 - 29	Mr. Susantha Kumarasiri - Dev.Officer	Rs.8,500/-
07.	National Institute of Language	Tamil language Training Programme (12 days)	2015.07.07 - 18	Mrs. R.P.S.Rajapaksha - Dev.Officer Mr. R.P.H.B. Ranasinghe - kks	free
08.	Institute for Construction Training and Development	Scientific ,Safe & Economical Driving of Motor Vehicles	2015.08.01	Mr. H. Y. Harshana - PMA Mr. M. A. V. Niluka Sampath KKS Mr. R.K. Lenora – Driver Mr. R.A. Nandasena – Driver Mr. M.M. R. NiShantha – Driver Mr. L.D. Leyanage – Driver Mr. W.A.I.S.W.Arachchi – Driver Mr. Kithsiri – Driver Mr. W.P.H. Priyashantha – Driver	Rs.105,000/-

				<p>Mr. H.B. Asanka Batagoda – Driver</p> <p>Mr. H.B.T. Chaminda Lakmal – Driver</p> <p>Mr. D.M.G. Janaka Prasath – Driver</p> <p>Mr. G.A. P. Pushpalal Perepa – Driver</p>	
09.	Information & Communication Technology Agency of Sri Lanka ICTA	Capacity Building Programme on Social Media for Governance	2015.10.06	Mrs. Prasadi Wejisingha – Assistant Director (Development)	free
10.	Skills Development Fund Ltd	Scheme of Recruitments	2015.10.19-20	Ms. D.N. Udeshika – PMA	Rs.8,500/-
11.	Department of Motor traffic	Workshop on Making Aware of Standards on Maintaining Emission of gas – for the drivers of the Government Institutions	2015.10.29	<p>Mr. R.K. Lenora – Driver</p> <p>Mr. P.D. Nandasena – Driver</p> <p>Mr. L.D. Leyanage – Driver</p> <p>Mr. G.D.S.P. Karunathilaka – Driver</p> <p>Mr. W.P.H. Priyasantha – Driver</p> <p>Mr. Kithsiri – Driver</p>	free
12.	National Institute of Language	Tamil language Training Programme (12 days)	2015.10.21 – 11.01	Ms. Erangi Fenando - Assistant Secretary (Admin)	free
13.	Institute for Construction Training and Development	Certificate Course on Store Keeping	2015.10.30	Mr. Susantha Kumarasiri - Dev. Officer	Rs.15,000/-

<b>14.</b>	<b>Skills Development Fund Ltd</b>	<b>Procurement &amp; Evaluation of IT Products</b>	<b>2015.10.29 - 30</b>	<b>Mr. H.Y. Harshana - Mng.Asst</b>	<b>Rs.8,500/-</b>
<b>15.</b>	<b>Sri Lanka Institute of Development Administration</b>	<b>Training Programme on Preparing Financial Reports of Government bodies</b>	<b>2015.12.16</b>	<b>Mr. D.M. Madapatha - Dev.Officer</b>	<b>free</b>
<b>16.</b>	<b>Sri Lanka Institute of Development Administration</b>	<b>Workplace Dispute Management</b>	<b>2015.12.28 - 29</b>	<b>Ms. P.M.D. Ganga Suriyaarachchi - Mng.Asst</b>	<b>free</b>

### 3. Tender Division

#### Main Functions

Tender Division of the Ministry of Power and Energy is assigned to undertake all procurement related matters handled by the Ministry. Following are the key areas carry out in the Division.

- Work related to Procurement Committees (SCAPC) appointed by the Cabinet.
- Work related to Negotiation Committees (CANC) appointed by the Cabinet.
- Work related to the Ministry Procurement Committees (MPC).
- Organizing MPC & SCAPC meetings for the procurement activities of institutions under the Ministry.
- Submitting of Cabinet Memorandums when necessary for the relevant procurements.
- Submitting Progress Reports relating to procurement activities to the Department of Public Finance.

#### Performance

<b>Number of Cabinet Memorandums submitted in 2013</b>	14
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<b>Number of CANC/CAPC/CACPC continuation from 2014</b>	14
<b>Number of CANC/CAPC/CACPC Procurements started in 2015</b>	12
<b>No of CANC/SCAPC/CANC procurements Awarded in 2015</b>	06

<b>Number of MPC Procurements continuation from 2014</b>	14
<b>Number of MPC Procurements started in 2015</b>	12
<b>Number of MPC Procurements Awarded in 2015</b>	06
<b>Cancelled Procurements</b>	01



	<b>Cabinet Memo No.</b>	<b>Date</b>	<b>Description</b>	<b>Date of Cabinet Decision Intimated to CEB</b>
<b>1</b>	01/2015/PE	2015/01/23	Procurement of coal for Uninterrupted operation of all three power plants of Puttalm Coal Power Project of 900 MW	11.02.2015
<b>2</b>	12/2015/PE	2015/05/05	Procurement of Coal for Uninterrupted operation of all three power plants of Puttalm Coal Power Project of 900 MW	21.05.2015
<b>3</b>	26/2015/PE	2015/09/16	Procurement of Coal for Uninterrupted operation of all three power plants of Puttalm Coal Power Project of 900 MW	22.09.2015
<b>4</b>	30/2015/PE	2015/10/02	Procurement of Coal for Uninterrupted operation of all three power plants of Puttalm Coal Power Project of 900 MW	14.10.2015
<b>5</b>	24/2015/PE	2015/07/13	Purchasing of Coal for Puttalm Coal Power Plant for the Emergency Requirements Under the Spot Market	22.07.2015
<b>6</b>	60/2014/PE	2015/01/28	Clean Energy and Network Efficiency Improvement Project Package 3: 220KV Transmission Infrastructure Lot- B: Construction of New Polpitiya to Pannipitiya, Double Circuit, 2xZebra, 220 KV Transmission Line through Padukka	26.02.2015
<b>7</b>	64/2014/PE	2015/01/28	Clean Energy and Network Efficiency Improvement Project Package 2 - Construction of 132kv Transmission Infrastructure Lot- B: Installation of Breaker Switched Capacitor Banks: 20MV Ar at Biyangama GSS, 15MV Ar Horana GSS 20MV Ar Kolonnawa New GSS, 20MV Ar Kolonnawa old GSS, 20MV Ar at Pannala GSS and 35 MV Ar at Sapugaskanda GSS	11.02.2015
<b>8</b>	63/2014/PE	28/01/2015	ADB Loan No.2518 SRI: Clean Energy and Access Improvement Project part -2 Transmission System Strengthening – Transmission Lines ICB No. CEB/AGM/TR/2009/ICB/003 Extra Contractual Payment for price Escalation	10.03.2015
<b>9</b>	67/2014/PE	2015/02/27	Rehabilitation of Polpitiya (Samanala) Power Station Contract Ref.No.GP/DGM/Rehab/Polpitiya	26.03.2015

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<b>10</b>	04/2015/PE	2015/03/09	Augmentation of Kilinochchi Grid Substation under Unutilized funds Available from japan International	10.04.2015
<b>11</b>	07/2015/PE	2015/03/17	Obtaining Consultancy Services for Broadlands Hydropower Project	21.04.2015
<b>12</b>	13/2015/PE	2015/05/11	Purchase of spare parts & hardware required for major inspection of Frame 9E GAS Turbine at Kelanitissa combined Cycle power Station	25.05.2015
<b>13</b>	19/2015/PE	03/07/2015	Puttalam Coal Power Project Phase-II Project Completion Report	13.08.2015
<b>14</b>	21/2015/PE	2015/07/07	Obtaining Technical Guidance Expertise Man Power for the Overhaul ("A" Type Maintenance) of Unit # 01 – Puttalam Coal Power Station	10.08.2015
<b>15</b>	22/2015/PE	2015/07/07	Procurement of Lubricating Oil for the Year 2015/2016 at Sapugaskanda Power Station Ref. No : TEC/SPC/CE/SP/LUB/01/2015	06.08.2015
<b>16</b>	25/PE/2015	2015/07/17	Green Power Development and Energy Efficiency Improvement Program Package 3- Medium Voltage Network Efficiency Improvement	13.08.2015
<b>17</b>	27/2015/PE	2015/09/30	Procurement for the Supply & Delivery of 3 Nos 35MVA,220/132kV, Single Phase Auto Transformers (105MV A Three phase Transformer) For the Implementation of the Second Inter-bus transformer at Rantambe	05.11.2015
<b>18</b>	36/2015/PE	2015/10/21	Green Power Development and Energy Efficiency Improvement Investment Program Lot A: Construction of Kappalthurai Grid Substation and Augmentation of Kerawalapitiya of Trincomalee, Katunayake Grid Substation	18.11.2015
<b>19</b>	37/2015/PE	2015/10/22	Green Power Development and Energy Efficiency Improvement Investment Program Lot B1: Construction of 132/33kV Kaluthara and Kesbawa Grid Substations and Augmentation of 132/33kV Old Anuradhapura and New Anuradhapura Grid Substation	18.11.2015

## 4. Accounts Division

### Main Functions

Public Finance Management with regard to the voted expenditure against the financial provisions provided under two programs such as Operational Activities and Development Activities is the main function of this division. Accordingly, three major projects of Electricity Generation, Electricity Transmission and Electricity Distribution under the development program were managed by utilizing the Foreign and Local funds and reported the accuracy of expenditure to Department of Treasury Operations after confirming related project.

Supplementary has received Rs.7,767 Mn to cover the miscellaneous project expenses held by CEB and Rs.7,058Mn has been accounted.

Further, this division maintains other accounting records, such as Imprest Account, Cash Book, Advance B Account, Deposit Account, Revenue Accounts and Appropriation Vote Ledgers.

### Performance

Furnished in the Annexes, given below:

- (i) **Net Provision and Expenditure of Personal Emolument and Other Recurrent– Annex 01**  
Minister’s Office Project

Ministry Administration and Establishment Project

- (ii) **Net Provision and Expenditure of other recurrent – Annex 01**  
Public Institutions

- (iii) **Net Provision and Expenditure of other recurrent – Annex 01**  
Public Institutions

- (iv) **Net Provision and Expenditure of Capital**

Minister’s Office Project–**Annex 02**  
Ministry Administration and Establishment Project - **Annex 03**

Ceylon Electricity Board–  
Electricity Generation - **Annex 04**

Ceylon Electricity Board –  
Electricity Transmission –**Annex 05**

Ceylon Electricity Board–  
Electricity Distribution – **Annex 06**

Public institutions - **Annex 07**

On behalf of the Director General, Department of Treasury Operations, this Ministry has collected the total revenue of Rs. 20,651,493.85 as follows:

Name of Revenue	Revenue Code	Amount Rs.
Rent on Government Building and Housing	2002-01-01	54,437.50
Rent- Other	2002-01-99	650,254.22
Interest- Other	2002-02-99	402,999.37
Other receipts	2003-99-00	5,947,199.58
Social Security Contributions- Central Govt.	2004-01-00	1,419,083.92
Capital Revenue- Sale of Capital Assets	2006-02-00	84,435.00
Fees relevant to the Ministry of Petroleum Industries	2003-02-21	12,093,084.26
<b>Total</b>		<b>20,651,493.85</b>

The following loans and advances have been released during the year, to 142 officers given below.

Category	No. of Officers
Distress Loan	18
Festival Advance	84
Special Advance	40

**Public Officers Advance B Account**

	Prescribed limit Rs.	Actual Rs.
<b>Maximum Debit Balance</b>	4,500,000.00	2,154,000.65
<b>Minimum Receipts</b>	2,200,000.00	3,200,799.65
<b>Maximum Expenditure</b>	15,000,000.00	8,499,730.37

- IGAS (Accounting Package) and G.P.S. (Payroll), are successfully maintained with accuracy and efficient manner Rs. 67.8 million has salaries and allowances was paid annually for 143 officers.
- Monthly reconciliation of Cash Book and Bank Statement, Imprest Reconciliation, General Deposit and other accounting reconciliations have been performed on time.
- Preparations of 2015 Appropriation Account, Final Accounts for Public Officer's Advance B Account were completed.

## 5. Internal Audit Division

### Main Functions

- Preparation of Annual Internal Audit Plan of the Ministry as per the guidance of the Department of Management Audit.
- Implementation of the approved Internal Audit Plan within the year
- Accomplishment of all the duties relevant to the meetings of the Committee on Public Accounts (COPA) of the Ministry.
- Providing required guidance to other divisions for answering the Auditor General's queries
- Engaging in the duties related to tabling to the Annual Performance Report of the Ministry and the Annual Reports and Accounts of the statutory institutions under the purview of the Ministry in the Parliament.
- Conducting special investigations and audit examination on the public complaints and petitions submitted to The Presidential Secretary, Hon. Minister and the Secretary of the Ministry in relation to the statutory

institutions under the purview of the Ministry.

### Performance

No	Description	
1	Number of special investigations conducted in respect of the Statutory Institutions under the purview of the Ministry	18
2	Number of Internal Audit Examinations	05
3	Number of Internal Audit Queries issued	05
4	Number of replies sent for the queries of the Auditor General	04
5	Number of Annual Reports of the statutory institutions coming under the purview of the Ministry tabled at the parliament	01



## 6. Technical Division

### Main Functions

- Formulation of Power & Renewable Energy Policy, and implementation of the policy in co-ordination with relevant agencies.
- Co-ordination with the Public Utilities Commission of Sri Lanka in respect of revision of provisions and enacting rules and regulations under the Sri Lanka Electricity Act., issue of Policy Guidelines, Electricity Tariff Formulations, issue of Electricity Licences etc.
- Activities related to the legislations pertaining to the formation of the Ceylon Electricity Board, and revisions to the legislations.
- Activities related to the legislations pertaining to the formation of Atomic Energy Board, Atomic Energy Regulatory Council and revisions to the legislations.
- Technical matters related to the construction of all power generation projects (Hydro Power, Nuclear Power, Coal Power, and Non-Convention Renewable Energy) other than, land acquisition and project approvals.
- Supervision and control of all Power & Energy Planning activities.
- Technical matters related to energy conservation.
- Technical matters related to supervision and control of the operation of the power generating plants, prevention and reducing of breakdowns and improvements to the transmission and distribution systems
- Co-ordination with the Ministry of Foreign Affairs in relation to international events related to the Power & Energy Sector, organized by the international organizations such as SAARC, BIMSTEC, USAID, ESCAP, IEF etc.
- Internal administration of the division including the internal administration of the officials and employees attached to the division.
- Any other duty assigned by the Hon. Minister, Hon. Deputy Minister and the Secretary from time-to-time.
- Under the SAARC Energy related activities as the Focal Point in Sri Lanka, this Ministry has actively

### Performance

participated in all Intergovernmental Meetings and Workshops.

- Under the provisions of the Sri Lanka Electricity Act, no person shall generate, transmit or distribute electricity in Sri Lanka without a valid license from the Public Utilities Commission of Sri Lanka. Accordingly, after obtaining necessary clearances from the Ceylon Electricity Board and Sustainable Energy Authority, Hon. Minister's concurrence was given to PUCSL for issuance of sixty five numbers (65) of such licences during the year 2015.
- A number of fellowships, internships and training, provided to technical personnel under the IAEA Regional Co-operation Technical Assistance Programme. Coordination work of this program was handled by this division.
- Energy Planning and Development is an important priority in our national development strategy. In this regard, expert assistance has been continued to be provided to CEB Energy Planners under the IAEA Technical Assistance, which has further strengthened the future energy planning, using the tools given by the IAEA.
- Finalized the establishment of an "Engineering Council" to Regulate the Professional Practice of Engineering in Sri Lanka – By Registering Engineering Practitioners.
- During the year two (02) Cabinet papers pertaining to the activities

related to this division have been completed by this division.

- Coordinated with the Foreign Ministry on arranging visits by foreign dignitaries related to the Power & Energy field.

## 7. Power and Energy Division

### Main Functions

- Approving, implementing and acquisition of lands for large and medium scale hydropower projects, coal power projects, and thermal power projects.
- Implementing and monitoring the corporate plan, annual budget, financial progresses and all related activities of the Ceylon Electricity Board.
- Coordinating and monitoring with the Department of External Resources regarding the aforementioned projects.
- Internal administration of the division including the internal administration of the officers and employees attached to the division.
- Duties assigned by the Hon. Minister of Power and Renewable Energy, Hon. Deputy Minister of Power and Renewable Energy and the Secretary at time to time relevant to the scope of Power and Energy Division.

### Performance

Supervision and facilitation of the Phase II of 900 MW Lakvijaya Coal Power Project, Broadlands Hydropower Project, Greater Colombo Transmission and Distribution Loss Reduction Project and National Transmission and Distribution Network Development and Efficiency and Improvement Project being implemented by the Ceylon Electricity Board.

#### *Land acquisition CEB activities*

Project	Details & Purpose	Extent
<b>Moragolla Hydropower Project</b>	i. Land situated in Ganga Ihala Korale Divisional Secretariat Area, Kandy District.	10.6 hectare
	Construction of Switching Yard, Reservoir, Dam and Power Station.	08.00 hectare
<b>Habarana – Veyangoda Transmission Line.</b>	ii. Land situated in Udapalatha Divisional, Kandy District	
	Construction of houses for resettlement	
<b>Habarana – Veyangoda Transmission Line.</b>	Land situated in Meerigama Divisional Secretariat Area, Gampaha District. Extension of Veyangoda Grid Substation	222.95 Perches
<b>Green Power Development &amp; Network Efficiency Improvement Investment Project.</b>	Land situated in Homagama Divisional Secretariat Area, Colombo District. Construction of Kesbeawa Grid Substation	05 Acre 02 Roods & 6.625 Perches

<b>Clean Energy &amp; Network Efficiency Improvement Project</b>	Land situated in Rabukkana Divisional Secretariat Area, Kegalle District. Construction of Kegalle Grid Substation	04 Acre & 5.83 Perches
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Facilitate Trincomalee Power Company (Pvt) Ltd to obtain environment approval for proposed 500MW Coal Fired Power Plant at Sampoor.

Implementation of the 45<sup>th</sup> Yen Loan Package of Japan International Corporation Agency (JICA) and finalized the following scope of Loan Package in consultation with CEB and Department of External Resources. The total amount of the Loan Package for electricity sector is JPY 24,930 million. Scope of the project is as follows,

- I. Construction of 220 /132kV Kirindiwela Switching Station and 220/33kV Kirindiwela Grid Substation with related 132kV and 220kV Transmission Line.
- II. Construction of 132kV Thulhiriya – Veyangoda Transmission Line.
- III. Construction of 132/33kV Battaramulla Grid Substation.
- IV. Capacity Enhancement of 132kV Kolonnawa - Pannipitiya Transmission Line.
- V. Capacity Enhancement of 132kV Pannipitiya – Rathmalana Transmission Line.
- VI. Construction of 220kV Kothmale – New Polpitiya Transmission Line.
- VII. Capacity Enhancement of 132kV Polpitiya – New Habarana Transmission Line.

- VIII. Underground Electricity Distribution Development Project in Dehiwala – Mount Lavinia Area.
- IX. 11kV underground Electricity Distribution Development Project at Battharamulla.

Implementation of the 46<sup>th</sup> Yen Loan Package of Japan International Corporation Agency (JICA) and finalized the following scope of Loan Package in consultation with CEB and Department of External Resources. The total amount of the Loan Package for Construction of Sampur-New Habarana 400kV Transmission Line is JPY 15,653 million. National Transmission and Distribution Network Development and Efficiency improvement Project (ii) – Scope of the project is as follows,

- i Construction of 400kV Transmission Line (Sampoor – New Habarana)
- ii Construction of 200kV Transmission Line (Sampoor – Kappalthurai)
- iii Construction of 220kV Sampoor Switching Station.

Recommendations were submitted to Ministry of Finance and Planning on the requests received from CEB, LECO, West Coast Ltd., Lanka Transformers Ltd. and Lakdhanavi Ltd. to grant exemptions for VAT, Custom Duty, NBT and PAL on the imports of machinery and equipment for the use of projects and operation and maintenance under above institutions excluding Rural Electrification projects and Renewable Energy projects.

Recommendations were submitted to the Department of Immigration and Emigration for issuance of Visa for the

foreign personnel engaged in the projects under the Ceylon Electricity Board.

Coordinating with Ceylon Electricity Board, Public Utilities Commission on the settlement of the complaints received from general public.

## 8. Planning and Development Division

### Main Functions

- Identify and priorities the development needs of the Power Sector and identify funding sources for such areas which should be developed with the respective agencies.
- Preparation, coordination, monitoring and reviewing of the National Energy Policy of Sri Lanka.
- Preparation of Estimates of Development Projects for the Annual Budget of the Ministry.
- Preparation of the Annual Action Plan of the Ministry.
- Monitoring and review of Progress of all Development projects carried out by the agencies under the Ministry.
- Preparation of the Annual Performance Report to submit to the Committee Stage of Annual Budget at the Parliament.
- Function as a Project Approving Agency for Power Sector Projects initiated by Ceylon Electricity Board.
- Providing Information Technology and related services to the Ministry and providing information for Ministry web site.
- Conducting Management Committee Meetings and Progress Reviewing.
- Reporting Progress of the Development Projects to the Treasury, Central Bank, Presidential Secretariat and other relevant Authorities.
- Participate and coordination of development programmes and meetings held in other lined Ministries and Departments as per the requests.
- Implementation of Rural Electrification programme of the country.
- Facilitation of the Preparation of Renewable Energy Tariff.
- Recommendation on custom duty VAT & NBT exemption for the raw material & equipment for Renewable Energy Projects, Transmission and Distribution Development projects.
- Preparation of Disaster Management plan in relation to the Power and Energy sector.

## Performance

### Implement and monitoring of Power Sector Development Projects

Development framework of the Government of Sri Lanka envisions sustainable development of energy resources, enabling access to use of energy services by the entire population of the country by meeting the growing demand for electricity at affordable cost.

Government plan to increase supply capacity of the system including through increase of share of Renewable energy sources, reducing total technical and commercial losses of the Transmission and Distribution networks, and implementation of energy efficiency and conservation measures.

Planning and Development Division of the Ministry is responsible for the Facilitation implementation for and close monitoring of Power Sector Development Projects in order to achieve the above mentioned objectives.

To enhance electricity accessibility all over the country following electricity Distribution Programmes were implemented and monitored by the Ministry of Power & Renewable Energy.

### Rural Electrification Programme

Sri Lanka has reached the National Electrification rate of 98.5% by the end of year

2015. To achieve 100% electrification coverage all over the country by April 2016, Division of Planning and Development facilitates Ceylon Electricity Board to proceed with the construction of rural electrification Schemes and extensions.

This programme was continuously monitored by the division. Until 31<sup>st</sup> December 2015, 224,094 new electricity supply connections were established with the completion of 337 new rural electrification schemes and 6,361 extensions.

	2014	2015
<b>No. of new connection provided</b>	213,015	224,094
<b>RE Schemes completed</b>	621	337
<b>RE Extensions completed</b>	4,680	6,361

### Rural Electrification Project 8 (RE 8)

Material cost of RE 8 project is funded by government of Iran and construction cost is bearded the government of Sri Lanka. The Total project cost was Rs. Million 17,200. This project was commenced on year 2011 and commercial contract was extended up to March 2016.

RE 8 project scope includes, the construction of 1,000 schemes, 1,000 km of 33/11 kV medium voltage distribution lines, 6000km of low voltage distribution lines and conversion of 500km of low voltage lines to three- phase providing electricity supply to 180,000 new consumers covering 2000 villages. The project covers Western,



Sabaragamuwa, North Western, and Central. The composition of the consumers will include 157,000 domestic, 15,660 commercial, 6,300 industrial and 540 religious- purpose categories. The project is being continued up to 14 March 2016.

**Improving Gender- Inclusive Access to Clean and Renewable Energy in Bhutan, Nepal, and Sri Lanka**

Financial assistance is provided by Asian Development Bank (ADB) via grant facility. Total estimated cost of the project is US \$ 693,518 (LKR 90.2 Mn). Objective of the Project was to provide the accessibility to clean energy for 2,200 households in Ampara District of Eastern Province, training on clean energy for about 1,000 people from deprived household in the Eastern province (Where 30% of them are women) and capacity building of CEB Training department at the time of formulation the project.

Minor amendments were done to the project scope and project was completed on January 2016 with providing service connection to 4,039 households within the Ampara District.

**Low interest loan facility for electricity Connections Rural Household Connection Project**

This loan programme which was commenced on 30 April 2014 with the funding assistance of ADB (US\$3.5million) was

continued throughout the 2015 in Districts of Ampara, Ratnapura, Hambantota, Anuradhapura Monaragala and Polonnaruwa. Under this loan scheme up to Rs. 40,000 could be obtained for the service connection as well as house wiring. The loan is recovered in 72 equal monthly installments through electricity bill. Following no. of service connections were provided to the households in relevant districts as at 31 December 2015.

District	No. of Service connections provided
Hambantota	2,397
Ratnapura	7,938
Ampara	3,203
Anuradhapura	2,183
Monaragala	1,039
Polonnaruwa	1,092
<b>Total</b>	<b>17,852</b>

**Ratama Eliyai Andura Duralai Jathika Viduli Sathkaraya**

(රටම එළියයි අඳුර දුරලයි ජාතික විදුලි සන්කාරය)

Although the electricity grid has penetrated to many parts of the rural areas a considerable number of households, especially the poorest of poor, are constrained from being connected to the national grid, due to their inability to pay the initial cost of connectivity. These households were facilitated with Samurdhi and Asian Development bank funded rural household loan schemes approximately 200,000 households have no means to defray the cost in obtaining an electricity supply connection.

Therefore, a concessionary loan scheme has been introduced based on a survey conducted through the Divisional Secretariats with the assistance of the Ministry of Home

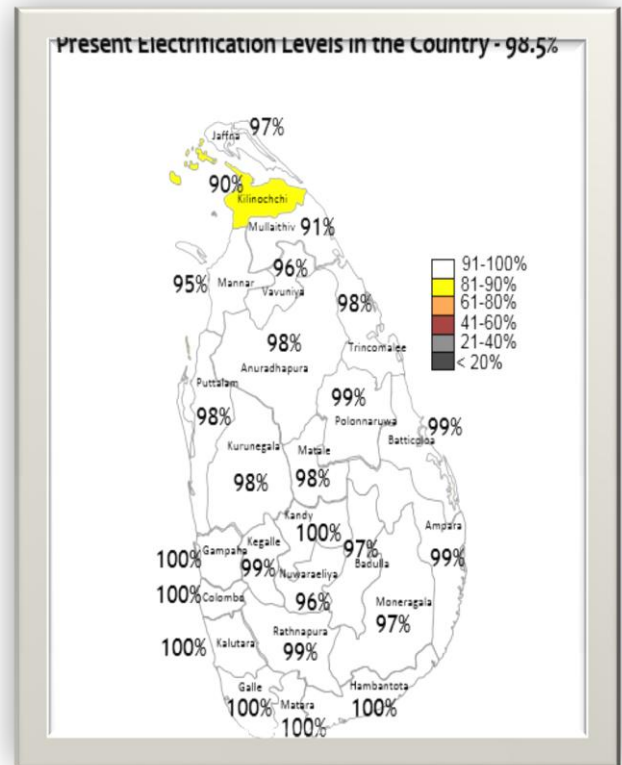
Affairs for these families to provide electricity supply connections within three months. Under this a loan of up to a maximum limit of Rs. 40,000 is provided for identified families for obtaining electricity supply connections to their dwellings. The loan provided will be payable in 72 monthly installments with the electricity consumption rate is defrayed in equal monthly installments calculated at 7% annual interest rate. Four Billion rupees has been requested from Divi Naguma Department to initiate the loan scheme. This programme will be expected to complete in April 2016.

### Electricity Supply Reliability Improvement Project

The Ministry has successfully negotiated with the ADB to secure the fund for Electricity Supply Reliability Improvement Project in 2015. The total estimated cost of this project is USD 166.9Mn The Project scope consists with four components.

1. Rural Electrification Schemes and Extensions
2. Medium Voltage Network Improvement
3. Islands Electrification-Four Islands
4. Improvement of Reliability of Supply Kandy City

It is expected to commence the construction of project activities in 2016.



**Electrification level in the Country as of 31 December 2015 was 98.5%**

**Implementation and  
Performance Monitoring of  
Transmission Development  
Projects**

District	Completed Electrification Schemes	Completed on Extensions	Electrification Coverage
<b>Western</b>	<b>2</b>	<b>1746</b>	<b>100%</b>
Colombo	0	24	100%
Gampaha	0	1523	100%
Kalutara	2	199	100%
<b>Southern</b>	<b>0</b>	<b>111</b>	<b>100%</b>
Galle	0	65	100%
Matara	0	24	100%
Hambantota	0	22	100%
<b>Central</b>	<b>34</b>	<b>344</b>	<b>98%</b>
Kandy	5	108	100%
Matale	10	101	98%
NuwaraEliya	19	135	96%
<b>Northern</b>	<b>78</b>	<b>468</b>	<b>96%</b>
Jaffna	1	240	97%
Kilinochchi	32	53	90%
Mannar	9	83	95%
Vavuniya	10	33	96%
Mulativu	26	59	91%
<b>Eastern</b>	<b>50</b>	<b>558</b>	<b>98%</b>
Batticaloa	34	106	99%
Ampara	13	224	99%
Trincomalee	3	228	98%
<b>North Western</b>	<b>65</b>	<b>5</b>	<b>98%</b>
Kurunegala	34	5	98%
Puttalam	31	0	98%
<b>North Central</b>	<b>33</b>	<b>1325</b>	<b>99%</b>
Anuradhapura	29	1003	98%
Polonnaruwa	4	322	99%
<b>Uva Province</b>	<b>46</b>	<b>672</b>	<b>97%</b>
Badulla	10	220	97%
Monaragala	36	452	97%
<b>Sabaragamuwa</b>	<b>29</b>	<b>1132</b>	<b>99%</b>
Ratnapura	19	864	99%
Kegalle	10	268	99%

To ensure reliable and stable electricity supply, cater to the future load growth and to evacuate the power generated by new generation facilities, transmission development activities have been initiated according to Long Term Transmission Development Plan prepared by Ceylon Electricity Board

The transmission and distribution network has been upgraded by implementation of number of transmission development projects to ensure the reliability and quality of electricity supply and to enable the evacuation of power from new generation facilities. Necessary improvements were done to increase the integration of renewable energy sources into the grid. The performances of all these projects are monitored by the Ministry to ensure the completion of projects on schedule.

The transmission projects which are being implemented by CEB in 2015 under the supervision of the Ministry are given in the Table below.

No	Project	Estimated Cost (Rs. Mn)	Funding Source	Scope of the Project	Physical Progress in 2015
<b>1</b>	Clean Energy & Access Improvement Project (2010 ADB Loan Package)				
<b>1.1</b>	Modernization of the System Control Centre –Part 1	2,934	ADB	Package A: Lot 1: Construction of National System Control Centre & SCADA System Package A: Lot 2: Installation of Communication System Consultancy	(A)Lot A-1: Contract was effective on 14.10.2014 . Overall Progress 33% (A)Lot A -2: 100 % completed on 10 December 2015
<b>1.2</b>	Transmission System Strengthening - Grid Substations - Part 2	4,001.5	ADB	Lot A1: Augmentation of GSS at Kurunegala. Lot A3: Augmentation of GSS at Package A: Horana Package B: Veyangoda.	Lot A1 : Physical Progress 99.7% Lot A3 : Completed and Energized on October 2015
<b>1.3</b>	Clean Energy & Access Improvement Project - Part 3B -	415	ADB	Construction of 33kV lines to PSS at Katunayake, Kiribathgoda, Nawala & Kotikawatte	Procurement is ongoing Project will be completed on 30 November 2016
<b>2</b>	Sustainable Power Sector Support II Project (2011 Loan Package of ADB)				
<b>2.1</b>	New Galle Power Transmission Development	2,657	ADB	Lot A1: Construction of Galle GSS. Lot B: Construction of Ambalangoda - New Galle Transmission Line	Completed and energized on April 2015
<b>2.2</b>	Rural	2,950	ADB		Original

	Electrification and Distribution System Improvement in Ampara				scope: Overall Progress 94% Savings of USD 2 Million is used to procure LBS(150) & Operating rods(130). Tender awarded and goods receiving.
<b>3</b>	Clean Energy and Network Efficiency Improvement Project (2012 Loan Package of ADB)				
<b>3.1</b>	Package1- Mannar Transmission Infrastructure	4,520	ADB	Lot A: Augmentation of Vavuniya 132/33kV Grid Substation & Construction of Mannar 132/33 kV grid Substation Lot B: Construction of new Anuradhapura to vavuniya 55km Transmission line & Vavuniya to Mannar 70km, 132 Transmission line.	Lot A:Construction Progress 12.43% Lot B: Construction progress 24.2% Project will be completed on 30 June 2017
<b>3.2</b>	Package2- Construction 132kV Transmission infrastructure	2,936	ADB	Lot A: Construction of Kegalle GSS & Thulhiriya GSS augmentation. Lot B: Installation of Breaker Switched capacitor banks- Biyagama,Sapugaskanda, kolonnawa- new, Kolonnawa -old GSs Lot C: Construction of new Transmission Lines, Thulhiriya – Kegalle, Polpitiya-new Polpitiya, Athurugiriya – Padukka, Athurugiriya - Kolonnawa.	Lot A: Physical Progress is 22% Lot B: Physical Progress is 13% Lot C: Physical Progress is 23%
<b>3.3</b>	Package 3 - Construction of 220kV Transmission Infrastructure	6,904	ADB	Lot A: Construction Polpitiya & Padukka GSs. Augmentation of Pannipitiya GS. Lot B: Construction of Polpitiya - Pannipitiya transmission line	Lot A: Physical Progress 14% Lot B:

				through Padukka.	Physical Progress 14%
3.4	Package 4- (Distribution component)- MV Network Energy Efficiency Improvement)-	1,940	ADB	Lot A: Vavuniya-Kebhithigollawa, New Anuradapura – kahatagasdigiliya tower line and Kebhithigollawa, Kahatagasdigiliya Gantries Lot B: Kiribathkumbura –Galaha, Galmadu Junction - Akkaraipatthu, Akkaraipattu – Pothivil Tower Lines and Galaha, Akkaraipattu, Potuvil gantries	Lot A: progress is 24.5% Lot B: Constructions will be commenced January 2016
4	Green Power Development and Energy Efficiency Improvement ADB new project (2013 Loan Package of ADB)				
4.1	Transmission Infrastructure Capacity enhancement	8,689	ADB	Lot A: Construction of Kerawalapitiya, Kappalthurai Trincomalee and Kalutara 220/132 kV GSS Lot B1: Augmentation of Old Anuradhapura GS, Construction of Kesbewa and Kaluthara GSS Lot B2 : Construction of 132kV Transmission lines	Lot A: Contact agreement signed on 28.12.2015 Lot B1: Contract was awarded on 18.11.2015. Lot B2: project is in the Tendering process
4.2	Efficiency improvement of MV Distribution Network	1,096	ADB	33kV Tower line from- Vavunathivu GSS to Urani, Karadiyanaru, Kalawanchikudi and Thalankuda. – Madampe GSS to Bowatta. DBB Gantry at Urani, Karadiyanaru, Kalawanchikudi & Thalankuda, SBD Gantry at Bowatta	Tendering is in progress.
5	220kV Protection Development Project	1,350	KfW, Germany	Rehabilitation of protection relays, control panels and communication equipment 220 kV Transmission Network	Completed on 29 March 2015

6	Constructions of 4 Grid Substations	4899	AFD-France	Lot A: Construction of Maliboda, Wewalwatta, Nawalapitiya and Ragala GSS Lot B: Construction of Transmission lines connecting GSS	Bid Documents under preparation
7	Projects initiated from savings of ADB & JICA loans				
7.1	Kelaniya Grid Substation Augmentation Work	366	ADB	Additional Scope Under Vavuniya-kilinochchi Tra, Line Project)	Physical Progress 13%
7.2	Polonnaruwa and Monaragala Grid Substations Augmentation	1,715	ADB	adding second 132/33kV, 31.5 MVA transformers	Completed and energized on 25 December 2015
7.3	New Valachchenei Grid Substation Augmentation	360.5	ADB	adding second 132/33kV, 31.5MVA transformer	Completed and energized on 08 November 2015
7.4	Maho and Naula Grid Substations Augmentation & construction of an additional 132 kV line bay at Puttalam GSS	686	ADB	Augmentation by adding second 132/33kV, 31.5MVA transformers and construction of additional 132kV line bay at Puttalam Grid Substation	Completed and energized on 30 November 2015
7.5	Second circuit from Maho GSS to Puttalam Grid Substation	231	ADB	construction of 42 km long 132kV second circuit from Maho GSS to Puttalam Grid Substation	Completed and energized on 23 October 2015
7.6	Kiribathkumbura Grid Substation Augmentation	1,099	ADB	Capacity improvement of Kiribathkubura Grid Substation	Physical Progress 16.5%
7.7	Vavuniya Kilinochchi Transmission Project –Balance Work	690	JICA	1. Augmentation of Kilinochchi Grid Substation 2. Essential TL spares for Northern Tra.system	1. Physical Progress is 35% 2. Completed on 04 November 2015
7.8	Habarana - Veyangoda 220 kV Transmission Line	12,224	JICA	Lot A: Construction of New Habarana 220/132/33 kV Switching Station LotB: New Habarana Veyangoda 220 kV Transmission Line	Procurement process is on going
7.9	400 kV Transmission	17,030	JICA	1. Construction of Habarana - Sampoor 400kV double	Final Loan agreements is to



	Interconnection Line - Habarana-Sampoor			circuit, 91 km, Zebra Transmission Line 2. Construction of a 400 kV extension to the existing 132 kV GSS at Habarana. 3. Construction of Proposed 400 kV GSS at Sampoor	be signed on March 2016. Bid documents under preparation.
<b>8</b>	Colombo City Transmission Development & Loss Reduction Project	18,229	JICA	Package - 1, Construction of Grid Substation Package -2, Construction of Transmission and distribution Cables Package -3, Supply of Specialized vehicle for distribution works	Constructions to be commenced in March 2016.
<b>9</b>	National Transmission and Distribution Network Development and Efficiency Improvement Project	38,190	JICA	Package 1: Construction of Transmission Lines Package 2: Construction of Grid Substation Lines Package 3: Construction of Transmission Lines Package 4: Construction of Distribution Network	Tendering process is on going



**Kelaniya Grid Substation**



**Kilinochchi Grid Substation Constructions**



**Monaragala Grid Substation**



**Mahiyangana to Vavunathiev via  
Ampara Transmission Line**



**Valachchenai Grid Substation**

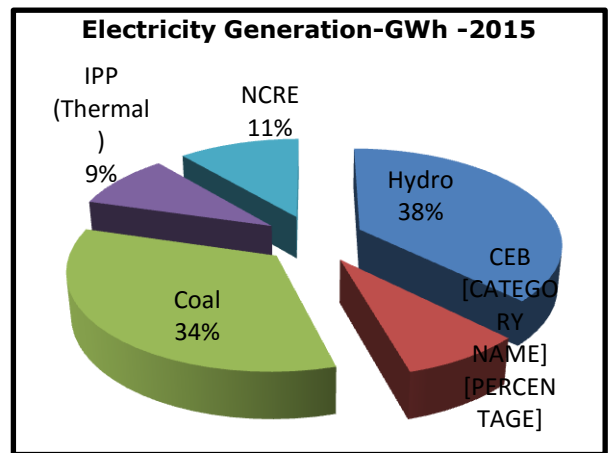
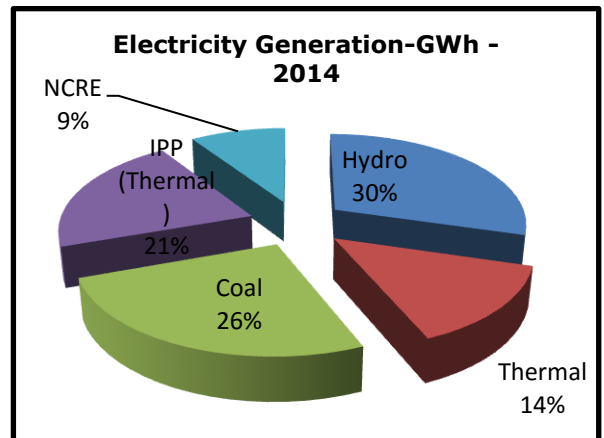
As a result of continuous improvement of the transmission and distribution network the system losses have been reduced to level of 10.4% in 2015 from 11% in 2014.

### Implementation and Performance Monitoring of Generation projects

The total electricity generation from 1<sup>st</sup> January up to 31<sup>st</sup> December 2015 was 13,172 GWh, of which majority is 51% was from oil burning and coal thermal power plants while 38 % from major hydro power and the balance 11 % was from on-conventional renewable energy sources.

To develop the generation capacity of the system from the present installed capacity of 3,840 MW to 6,400 MW by 2025 to meet the increasing demand and to reduce the generation cost by adding aggregate base load capacity of 2,000 MW of coal fired power plants, Ministry facilitate and closely monitor the implementation of new generation projects in 2015

At the end of year 2015, Ministry already achieved the development objective of increase the share in grid energy supply by Non-Conventional Renewable energy sources in 10% by 2016. inadd



In addition to construction of new plants the old hydro projects have rehabilitated to improve the efficiency and reliability of those plants.

Apart from that, facilitation of Trincomalee Power Company (Pvt) Ltd to obtain environment approval for proposed 500MW Coal Fired Power Plant at Sampoor has been done.

<b>Ongoing Projects</b>						
	<b>Name</b>	<b>Description</b>	<b>Total Estimated Cost</b>	<b>Project Period</b>	<b>Funding Agency</b>	<b>Status</b>
<b>1</b>	<b>Moragolla Hydropower Project</b>	Capacity 31 MW Total Annual Energy Generation 100 GWh	Rs. Mn. 14,916	2016 - 2020	ADB Under Green Power Development & Energy Efficiency Improvement Project.	Project procurement process is on going
<b>2</b>	<b>Broadlands Hydropower Project</b>	Installed capacity 35 MW. Total Annual Energy Generation 126 GWh	Rs. Mn. 10,660	2013 - 2018	China	Physical Progress 10%
<b>3</b>	<b>Sampoor Coal Power Project</b>	Construction of a 500 MW Coal fired Power Plant	Rs.Mn. 72,360	2016 - 2020	Trincomalee Power Company LTd (JV of CEB and NTPC of India)	Environmental Clearance to be obtained
<b>4</b>	<b>Uma Oya Hydro Power Project</b>	Installed capacity 120 MW. Total Annual Energy Generation 290 GWh implanted by the Ministry of Irrigation and Water Resources Management	USD M 529	2013 - 2017	Iran	Physical Progress 44.3%
<b>5</b>	<b>Samanala Power Station Rehabilitation Project (Polpitiya)</b>	Rehabilitation of Generators, Turbines and auxiliaries	Rs. Mn. 1,423	2015 - 2017	Ceylon Electricity Board	Physical Progress 43%

<b>New Projects</b>				
	<b>Name</b>	<b>Total Estimated Cost (Rs. Mn)</b>	<b>Project Period</b>	<b>Funding Agency</b>
<b>1</b>	Feasibility Study/EIA on Seethawaka Hydro Power Project	50	2016 - 2017	CEB
<b>2</b>	Feasibility Study/EIA on high efficient coal fired power plant at Trincomalee	122	2016 -2017	CEB
<b>3</b>	Procurement of new 3x35MW GT	8,200	2016 - 2018	CEB
<b>4</b>	Feasibility study on the development planning on Optimal Power Generation(Pump Storage)	790	2016 - 2018	CEB
<b>5</b>	Feasibility Study on Ginganga Hydro Power Project	5	2016 – 2017	CEB
<b>6</b>	Feasibility Study on Victoria Expansion	5	2016 – 2017	CEB
<b>7</b>	Feasibility Study on Nuclear Power Generation	5	2016 - 2017	CEB
<b>8</b>	Master Plan Study on Transmission & Generation Planning	5	2016 - 2017	CEB

**Facilitation and performance monitoring on Non-Conventional Renewable Energy Generation**

The government policy envisages the increase the share in grid energy supply by Non-Conventional Renewable Energy (NCRE) sources from 6 % in 2012 to 10% by 2015 and 20% by 2020. This target was successfully achieved at the end of year 2015.

448 MW of non-conventional power plants have been connected to the system by end of December 2015 with a contribution of 11% of total generation by small renewable energy plants. Total energy generated by NCRE plants by end of December, 2015 is 1,482 GWh

There were currently 154 operational mini hydro plants with an installed capacity of 306.4 MW feeding into the national electric grid. And 15 operational Wind Power plants with an installed capacity of 123.85MW feeding into the national electric grid.

Solar Energy is one of the fastest growing power-generation technologies in the world although it's still a very small fraction of global

power-generating capacity from all sources. The Government took

initiatives to introduce grid connected solar power in Sri Lanka from 2011.

The first large scale grid connected Solar Energy Park has been established in Hambanthota.

Annual average energy generated from the two Solar Power plants with an installed capacity of 1.38 MW feeding into the national electric grid is 1.68 GWh.

Currently there are 8 Biomass Energy plants connected to the National Electricity Grid having the total capacity of 23.6 MW.

Non-Conventional Primary Source	Grid Connected 2014		Grid Connected 2015	
	No. of Installations	Average Peak capacity (MW)	No. of Installations	Average Peak capacity (MW)
Small Hydro	142	293.2	154	306.4
Wind	15	123.8	15	123.9
Solar PV	2	1.38	2	1.38
Biomass	6	23.5	8	23.6
<b>Total</b>	<b>165</b>	<b>441.9</b>	<b>179</b>	<b>455.3</b>

**Foreign Funded Renewable Energy Generation Projects Implemented  
by Sri Lanka Sustainable Energy Authority**

	Project Name	Description	Total Estimated Cost (Rs.Mn.)	Project Period	Funding Agency	Status
<b>1</b>	Clean Energy & Network Efficiency Improvement Project  Solar Rooftop Power Generation Pilot	1. Encourage industrial sector for wide use of solar rooftop applications.  2. Provide facilities to initiate solar power research in universities	400	2014 – 2017	ADB	Progress 58%
<b>2</b>	Sustainable Power Sector Support II Estate Micro Hydro Rehabilitation & Repowering Pilot	Rehabilitation & repower 19 micro-hydro projects	200	2014 – 2016	ADB	Progress 72%
<b>3</b>	Appropriate Mitigation Actions in the Energy Generation and End Use Sectors in Sri Lanka- NAMA		263	2016-2019	UNDP	New Projects
<b>4</b>	Promoting Sustainable Biomass Energy Production and Modern Bio-Energy Technologies	Policy-institutional support for effective fuel-switching using fuel wood (Comp 1) barrier removal for sustainable fuel wood production (com 2) Enabling environment for fuel wood suppliers (Comp 3) Wood-based energy technology development (Comp 4)	141	2015 -2020	GEF/UNDP	Progress 45%



In keeping with the policy decision taken by the Government on 17/08/2011 for establishing “Wind Energy Parks” as a strategic approach towards developing wind power in Sri Lanka, the first large scale wind park has been planned in the Island of Mannar, which would enable addition 375 MW in clean energy capacity of Sri Lanka.

It is expected to commence the construction of the 1<sup>st</sup> 100 MW during in 2017 with the assistance of donor agencies along the Southern Coast of Mannar Island. Presently procurement process is on the way for selection of suitable team of expert for preparation of Initial Environmental Examination for the project.

### Net Metering

In addition to the promotion of large scale grid connected renewable energy projects, net metering was introduced in Sri Lanka for promotion of distributed small PV applications and other renewable sources, where customers would be able to generate small amounts of renewable energy through solar PV systems installed on their roof tops, ‘export’ the energy generated to the national grid, and only pay for the ‘net’ amount of electricity used. This is now popular among the household sector and 2200 of such systems are in operation in 2015 with the aggregate capacity of 13.3 MW.

### Other Activities

Recommendations were submitted to Ministry of Finance and Planning on the requests received from CEB, LECO, West Coast Ltd., Lanka Transformers Ltd. and Lakdhanavi Ltd. to grant exemptions for VAT, Custom Duty, NBT and PAL on the imports of machinery and equipment for the use of projects and operation and maintenance under above institutions excluding Rural Electrification projects and Renewable Energy projects.

Recommendations were submitted to the Department of Immigration and Emigration for issuance of Visa for the foreign personnel engaged in the projects under the Ceylon Electricity Board.

Coordinating with Ceylon Electricity Board, Public Utilities Commission on the settlement of the complaints received from general public

Draft Capital Budget for Ministry of Power & Energy was prepared after reviewing all proposals from the Institutions under the purview of the Ministry. The Budget review meeting was conducted with relevant officials in the Ministry and the representatives of the Treasury in order to finalize the capital budget -2016. The draft budget of the Ministry was submitted to the Treasury in end of October 2015.

Performance of 2015 and programmes for 2016 report is a prerequisite for Annual Budget 2016. The Performance of the Ministry of Power & Energy and the Institutions under the purview of the Ministry related to the Capital Budget 2015 and programmes planned for 2016 were included in the report. The report was tabled at the Parliament during the Budget Committee Stage held on 12<sup>th</sup> December 2015. Performance Report was distributed among the Hon. Minister, Deputy Minister of Power & Energy, Divisions of the Ministry, Institutions under the Ministry of Power & Energy and other line Ministries.

According to the Power Sector Strategic Plan and provisions in the Annual Capital Budget of the Ministry 2015, Action Plans for each Divisions of the Ministry and for all development projects which were implemented under the Ministry Budget was prepared in January 2015.

Following activity related to the Environmental Clearance process for Power Sector Projects were performed by the Division during 2015.

In addition to that comments and observations were submitted for the environmental clearance process conducted by Department of Wild Life Conservation and Mahaweli Authority for some Mini Hydro Projects.

Progress report related to the National Policy Framework, Quarter Progress Reports, Mid-year Progress reports and progress for 2015 were prepared and forwarded to the Relevant Authorities such as Precedential Secretariat, Ministry of Finance & Planning, ADB, JICA, Central Bank etc.

Participated in Coordinating Committee meetings and Programmes held in 2015 in various line Ministries and Departments such as Ministry of Environment, Central Environmental Authority, Sri Lanka Mahaweli Authority and the Ministry of Disaster Management etc.

	Project	Activity	Date
1	Habarana – Veyangoda 220kV Transmission Line Project (Extension of Environmental Clearance)	Issuing Extension	21.08.2015

DGSA - 3

**Recurrent Expenditure by Project**

<b>Expenditure Head No : 119</b>		<b>Name of Ministry : Ministry of Power &amp; Renewable Energy</b>				
<b>Programme No. &amp; Title : 01 Operational Activities</b>						
<b>project No/Names, personal emoluments and other expenditure for all projects</b>	<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>
	<b>Provision in Budget Estimates</b>	<b>Supplementary Provision and Supplementary Estimate Allocation (+/-)</b>	<b>Transfers in terms of the F.R. 66 and F.R. 69 (+/-)</b>	<b>Total Net Provision (1+2+3)</b>	<b>Total Expenditure</b>	<b>Net Effect Saving / (Excess) (4-5)</b>
	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>
<b><u>Project No: 01 &amp; Title: Minister's office</u></b>						
<b>Personal Emoluments</b>	17,600,000	-		17,600,000	13,647,677	3,952,323
<b>Other Recurrent</b>	45,900,000	-	(2,000,000)	43,900,000	34,554,176	9,345,824
<b>Sub Total</b>	<b>63,500,000</b>	<b>-</b>	<b>(2,000,000)</b>	<b>61,500,000</b>	<b>48,201,853</b>	<b>13,298,147</b>
<b><u>Project No: 02 &amp; Title: Ministry Administration and Establishment Services</u></b>						
<b>personal Emoluments</b>	55,200,000	-	100,000	55,300,000	54,115,039	1,184,961
<b>Other Recurrent</b>	99,050,000	-	(1,400,000)	97,650,000	77,706,162	19,943,838
<b>Sub Total</b>	<b>154,250,000</b>	<b>-</b>	<b>(1,300,000)</b>	<b>152,950,000</b>	<b>131,821,201</b>	<b>21,128,799</b>
<b>Grand Total</b>	<b>217,750,000</b>	<b>-</b>	<b>(3,300,000)</b>	<b>214,450,000</b>	<b>180,023,054</b>	<b>34,426,946</b>

DGSA - 3-1						
Recurrent Expenditure by Project						
Expenditure Head No : 119		Name of Ministry : Ministry of Power & Renewable Energy				
Programme No. & Title : 02 Development Activities						
project No/Names, personal emoluments and other expenditure for all projects	(1)	(2)	(3)	(4)	(5)	(6)
	Provision in Budget Estimates	Supplementary Provision and Supplementary Estimate Allocation (+/-)	Transfers in terms of the F.R. 66 and F.R. 69 (+/-)	Total Net Provision (1+2+3)	Total Expenditure	Net Effect Saving / (Excess) (4-5)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<b>Project No: 07 &amp; Title: Public Institutions</b>						
Other Expenditure	154,000,000	-	-	154,000,000	152,160,000	1,840,000
		-		-		-
Sub Total	154,000,000	-	-	154,000,000	152,160,000	1,840,000
Grand Total	154,000,000	-	-	154,000,000	152,160,000	1,840,000

DGSA 4

**Capital Expenditure by Project**

Expenditure Head No : 119			Name of Ministry: Ministry of Power & Renewable Energy					
Programme No. & Title : 01 Operational Activities								
Project No. & Title : 01 Minister's Office								
Object Code No.	Item No.	Financed by (Code No.)	Description of Items	(1)	(2)	(3)	(4)	(5)
				Provision in Annual Estimates	Transfers in terms F.R. 66 and F.R.69 and Supplementary Provision and Supplementary Estimate Allocation	Total Net Provision (1+2)	Total Expenditure	Net Effect Saving/(Excess) (3-4)
				Rs.	Rs.	Rs.	Rs.	Rs.
			<b>Rehabilitation &amp; Improvements of Capital Assets -</b>					
2001		11	Building & structures	7,800,000	1,000,000	8,800,000	8,329,629	470,371
2102		11	Acquisition of Capital Assets- Furniture and Office Equipment	6,000,000	-	6,000,000	4,395,012	1,604,988
2103		11	Acquisition of Capital Assets- Plant, Machinery and Equipment	1,200,000	1,000,000	2,200,000	1,154,446	1,045,554
<b>Total</b>				<b>15,000,000</b>	<b>2,000,000</b>	<b>17,000,000</b>	<b>13,879,087</b>	<b>3,120,913</b>

DGSA 4 -1								
<u>Capital Expenditure by Project</u>								
Expenditure Head No : 119				Name of Ministry: Ministry of Power & Renewable Energy				
Programme No. & Title : 01 Operational Activities								
Project No. & Title : 02 Ministry Administration and Establishment project								
Object Code No.	Item No.	Financed by (Code No.)	Description of Items	(1)	(2)	(3)	(4)	(5)
				Provision in Annual Estimates	Transfers in terms F.R. 66 and F.R.69 and Supplementary Provision and Supplementary Estimate Allocation	Total Net Provision (1+2)	Total Expenditure	Net Effect Saving/(Excess) (3-4)
				Rs.	Rs.	Rs.	Rs.	Rs.
2001		11	Rehabilitation & Improvements of Capital Assets- Building & Structures	-	1,300,000	1,300,000	623,000	677,000
2102		11	Acquisition of Capital Assets - Furniture and Office Equipment	2,265,000	-	2,265,000	604,816	1,660,184
2103		11	Acquisition of Capital Assets- Plant, Machinery and Equipment	2,535,000	-	2,535,000	480,052	2,054,948
2401		11	Capacity Building - Staff Training	1,300,000	-	1,300,000	1,081,105	218,895
2201		12	Capitalization of Ceylon Electricity Board - Public Institutions		7,767,329,194	7,767,329,194	7,058,335,609	708,993,585
			<b>Total</b>	<b>6,100,000</b>	<b>7,768,629,194</b>	<b>7,774,729,194</b>	<b>7,061,124,582</b>	<b>713,604,612</b>

DGSA 4-2								
<u>Capital Expenditure by Project</u>								
Expenditure Head No : 119				Name of Ministry: Ministry of Power & Renewable Energy				
Programme No. & Title : 02 Development Activities								
Project No. & Title : 04 Ceylon Electricity Board - Electricity Transmission								
Object Code No.	Item No.	Financed by (Code No.)	Description of Items	(1)	(2)	(3)	(4)	(5)
				Provision in Annual Estimates	Transfers in terms F.R. 66 and F.R.69 and Supplementary Provision and Supplementary Estimate Allocation	Total Net Provision (1+2)	Total Expenditure	Net Effect Saving/ (Excess) (3-4)
				Rs.	Rs.	Rs.	Rs.	Rs.
<b>On-Lending</b>								
2302		12	Habarana -Veyangoda 220 KV Transmission Line (GOSL/JICA)	-	7,464,922	7,464,922	7,464,921	1
<b>Total</b>				-	7,464,922	7,464,922	7,464,921	1



DGSA 4-3								
<u>Capital Expenditure by Project</u>								
Expenditure Head No : 119				Name of Ministry: Ministry of Power & Renewable Energy				
Programme No. & Title : 02 Development Activities								
Project No. & Title : 05 Ceylon Electricity Board - Electricity Distribution								
Object Code No.	Item No.	Financed by (Code No.)	Description of Items	(1)	(2)	(3)	(4)	(5)
				Provision in Annual Estimates	Transfers in terms F.R. 66 and F.R.69 and Supplementary Provision and Supplementary Estimate Allocation	Total Net Provision (1+2)	Total Expenditure	Net Effect Saving/(Excess) (3-4)
				Rs.	Rs.	Rs.	Rs.	Rs.
2302		12	Clean Energy Access Improvement Part 4 DSM Street Lighting/ Part 3- Capacity Substation Augmentation LECO/Part 8- Rural House Hold Connection(GOSL/ADB)		41,548,375	41,548,375	41,548,374	1
2302		13	Improving Gender Inclusive Accesses to Clean Energy and Renewable Energy in Bhutan, Nepal and Sri Lanka (GOSL/ADB)	28,687,000		28,687,000	28,686,611	389
			<b>Total</b>	<b>28,687,000</b>	<b>41,548,375</b>	<b>70,235,375</b>	<b>70,234,985</b>	<b>390</b>

<b>DGSA 4-4</b>								
<b>Capital Expenditure by Project</b>								
Expenditure Head No : 119				Name of Ministry: Ministry of Power & Renewable Energy				
Programme No. & Title : 02 Development Activities								
Project No. & Title : 07 Public Institutions								
Object Code No.	Item No.	Financed by (Code No.)	Description of Items	(1)	(2)	(3)	(4)	(5)
				Provision in Annual Estimates	Transfers in terms F.R. 66 and F.R.69 and Supplementary Provision and Supplementary Estimate Allocation	Total Net Provision (1+2)	Total Expenditure	Net Effect Saving/ (Excess) (3-4)
				Rs.	Rs.	Rs.	Rs.	Rs.
2201		11	Sri Lanka Sustainable Energy Authority	100,000,000	-	100,000,000	38,197,000	61,803,000
2201		11	Sri Lanka Atomic Energy Board	412,000,000	-	412,000,000	350,910,494	61,089,506
2201		11	Sri Lanka Atomic Energy Regulatory Council	30,000,000		30,000,000	24,250,000	5,750,000
2502		11	Multipurpose Gamma Irradiator Project - Investments	5,000,000		5,000,000	4,236,000	764,000
2302		12	Sustainable power Sector Support Project II- Implemented by Sustainable Energy Authority (GOSL/ADB)- On Lending	125,000,000	-	125,000,000	2,865,301	122,134,699
2302		17	Sustainable power Sector Support Project II- Implemented by Sustainable Energy Authority (GOSL/ADB)- On Lending	1,000,000	-	1,000,000	-	1,000,000
<b>Total</b>				<b>673,000,000</b>	<b>-</b>	<b>673,000,000</b>	<b>420,458,795</b>	<b>252,541,205</b>

DGSA 4-5								
<b>Capital Expenditure by Project</b>								
Expenditure Head No : 119				Name of Ministry: Ministry of Power & Renewable Energy				
Programme No. & Title : 02 Development Activities								
Project No. & Title : 07 Public Institutions								
Object Code No.	Item No.	Financed by (Code No.)	Description of Items	(1)	(2)	(3)	(4)	(5)
				Provision in Annual Estimates	Transfers in terms F.R. 66 and F.R.69 and Supplementary Provision and Supplementary Estimate Allocation	Total Net Provision (1+2)	Total Expenditure	Net Effect Saving/ (Excess) (3-4)
				Rs.	Rs.	Rs.	Rs.	Rs.
			B/F	673,000,000	-	673,000,000	420,458,795	252,541,205
2302		12	Clean Energy & Network Efficiency Improvement Project- Implemented by Sustainable Energy Authority (GOSL/ADB)- On Lending	195,000,000		195,000,000	-	195,000,000
2302		13	Clean Energy & Network Efficiency Improvement Project- Implemented by Sustainable Energy Authority (GOSL/ADB)- On Lending	100,000,000		100,000,000	-	100,000,000
2302		17	Clean Energy & Network Efficiency Improvement Project- Implemented by Sustainable Energy Authority (GOSL/ADB)- On Lending	5,000,000		5,000,000	-	5,000,000
2502		13	Promoting Sustainable Biomass Energy Production and Modern Bio -Energy Technologies (GOSL/UNDP)	25,500,000		25,500,000	5,150,310	20,349,690
<b>Total</b>				<b>998,500,000</b>	<b>-</b>	<b>998,500,000</b>	<b>425,609,105</b>	<b>572,890,895</b>

