



ஐரீய லு, ஐலு ங ஙல வீடலி ஙன லுஙஙஙி ஙலுரீங லுங ஐலுஙஙங
சூரீய சக்தி, கஙஙு ஢ஙஙு ஢ீர் ஢ின்னுஙபத்தி கருத்திட்ட இரஙஙஙஙக ஁஢ைச்சு

STATE MINISTRY OF SOLAR, WIND AND HYDRO POWER GENERATION
PROJECTS DEVELOPMENT



Annual Performance Report

2020

Annual Performance Report for year 2020

**Name of Institution: - State Ministry of Solar, Wind and Hydro Power Generation
Projects Development**

Expenditure Head: - 406

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Chapter 01 - Institutional Profile / Executive Summary

01.1 Introduction

Sri Lanka is a country with full of renewable energy resources. The major energy source of power generation in Sri Lanka is hydro power. The other energy sources know as wind power, solar power and biomass (Non-Conventional Renewable Energy Resources - NCRE) are also connected with the National Power Grid.

The 'Renewable Energy Promotion' is strongly emphasized in the present Government's Policy Statement, which is the '**Vision of Prosperity**'. The priority given by the present Government to the promotion of renewable energy is reflected with the establishment of a State Ministry of Renewable Energy Development, which should function for such development.

So, the State Ministry of Solar, Wind and Hydro Power Generation Projects Development was established by the Extraordinary Gazette Notification No. 2187/27 dated 09th August 2020.

The promotion of renewable energy will enable the country in achieving energy security by gradually decreasing the use of fossil oils. It is expected that this would not only create an unpolluted environment, but also reduce the cost of fuel imports and thereby reduce the budget deficit. Accordingly it is targeted to meet 70 % of the electricity demand by 2030 through Renewable Energy sources.

01.2 Vision, mission and objectives of the Institution

Vision

A sustainably developed energy sector.

Mission

Providing leadership in the areas of power generation through renewable sources such as solar, hydro, wind and biomass, promoting and utilizing peaceful nuclear applications, protecting the people and the environment from ionizing radiation, and implementing electricity related projects.

Subjects and Functions

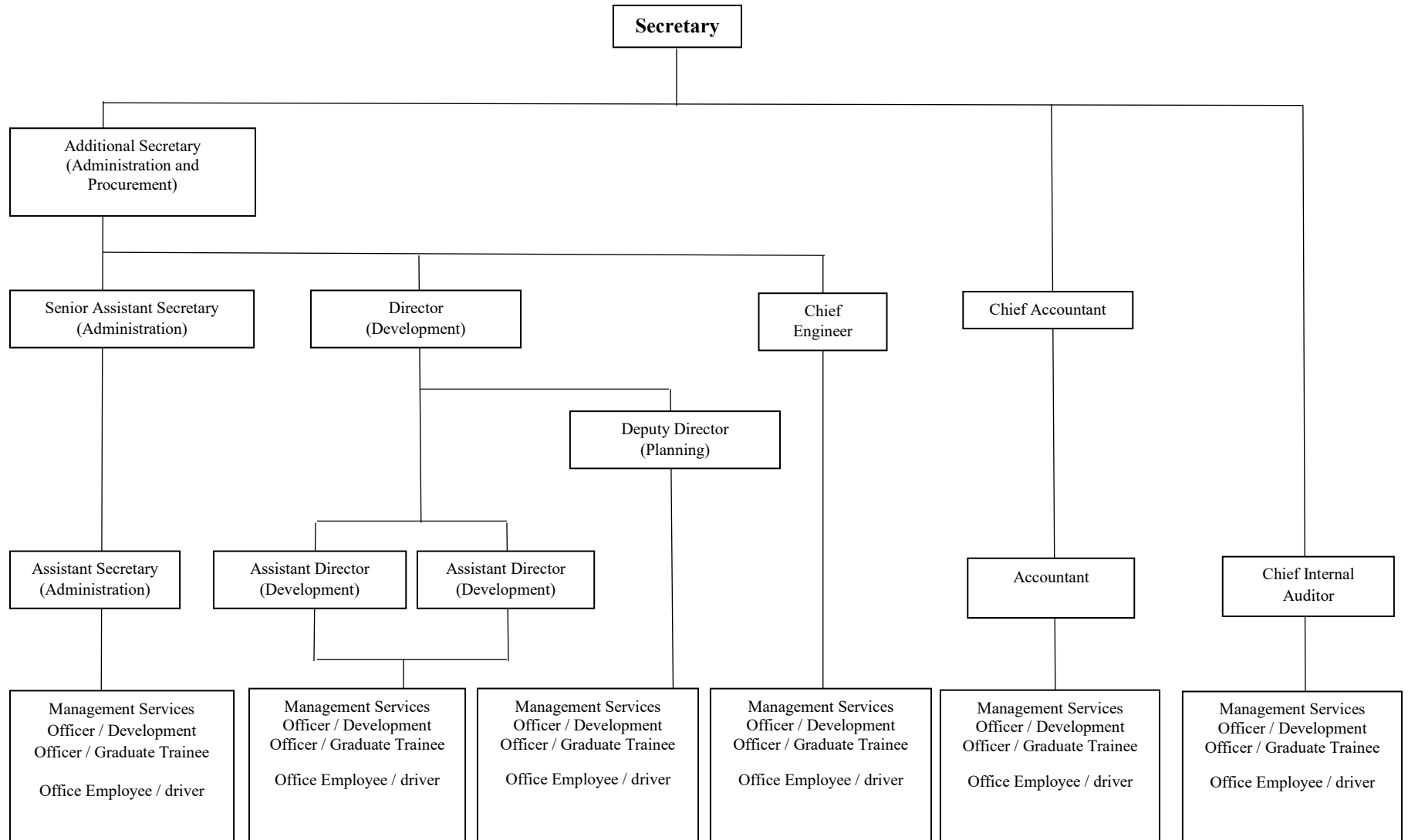
Assisting in the formulation of policies in relation to the subject of Solar, Wind and Hydro Power Generation Projects Development for "Assuring of obtaining low cost power" under the direction and guidance of the Minister of Power in conformity with the prescribed Laws, Acts and Ordinances and implementing, projects under the National Budget, State Investment and

National Development Programme, and implementing, monitoring and evaluating subjects and functions of the below-mentioned State Corporations and Statutory Organizations.

Special Priorities

- (1) Transforming the Kelanitissa Power Plant into a power plant associated with natural gas turbines and expanding the Kerewalapitiya Power Plant
- (2) Developing a Smart Grid to ensure maximum efficiency and utilization of the power generated
- (3) Encouraging the use of solar power systems to ensure the availability of low-cost energy for households, office and factories
- (4) Transforming all the power plants located in Colombo into power plants with natural gas turbines
- (5) Encouraging the use of solar power systems set up at roofs to ensure the availability of low-cost energy for households and small enterprises
- (6) Encouraging the private sector and entrepreneurs to undertake renewable energy projects
- (7) Taking measures to add the Broadland hydropower station by 2020, Uma Oya by 2021, Moragolla by 2023, Talapitigala and Seethawaka by 2024 to the national grid
- (8) Adding 100MW of energy generated in the Mannar wind power plant by 2021 and 800MW of solar energy to the national grid by executing a wind and solar power project in Mannar, Poonareyn and Monaragala

01.3 Organization Chart



01.4 Government Corporations and Statutory Bodies coming under the purview of the Ministry



Sri Lanka Sustainable Energy Authority:
Established under Act No. 35 of 2007.



Sri Lanka Atomic Energy Regulatory Council:
Established under Sri Lanka Atomic Energy Act No. 14 of 2014.



Sri Lanka Atomic Energy Board:
Established under Sri Lanka Atomic Energy Act No. 14 of 2014.

01.5 Divisions operated within the Ministry

Administrative Division

Assigned Duties:

- Development of all administrative matters and infrastructure relevant to the Ministry.
- Maintaining and updating the personal files of the Ministry Staff in a proper manner and carrying out performance related activities.
- Carrying out the activities related to human resource development.
- Supervising the institutional activities of all statutory bodies coming under the purview of the Ministry and carrying out the activities related to other subjects.
- Carrying out all transport services and performing all maintenance services.

Finance Division

Assigned Duties:

- Carrying out state finance management activities related to accounting of expenditure relating to the financial provisions done under operational and development activities.
- Reporting about the financial provisions allocated for Renewable Energy Development and the disbursement of Local, Foreign Funded Projects under Development Programs by controlling where the funds which do not exceeding their original limits.

Development Division

Assigned Duties:

- Formulating policies relevant to the renewable energy sector and achieving those policy targets.
- Determining the charges for adding renewable energy into the National Power Grid.
- Carrying out Project Finance and contribution coordination related performance - Multilateral Coordination.
- Developing renewable energy and providing facilities.
- Coordinating with foreign agencies relevant to the renewable energy sector.
- Issuing required visas for foreign staff coming for the purpose of renewable energy projects / making recommendations to the Department of Immigration and Emigration to extend the visa period.
- Coordinating land acquisition activities for the implementation of renewable energy projects.

Chapter 2 - Progress and Vision

02.1 National Energy Policy and Renewable Energy Goals in Sri Lanka

The primary objective of the Renewable Energy Policy and Renewable Energy Goals is to ensure a clean, safe, sustainable, reliable and economically viable energy supply in order to provide easy, affordable energy services in assisting Sri Lanka towards a rational social development. According to His Excellency the President's "Vision of Prosperity" that is "National Policy Statement", by the year 2030, the maximum percentage of the country's electricity demand ; that is 70%; should be met through Renewable Energy sources. To achieve that objective, the CEB will formulate a Long Term Generation Plan in accordance with the provisions of the Sri Lanka Electricity Act.

02.2 Increasing the Contribution of Renewable Energy

The installed capacity of the National Power Grid will be around 4,621 MW by 2020 and its renewable energy contribution also will stand at 54%. Hydropower is the main source of renewable energy in the electricity system of Sri Lanka. Other Non-conventional Renewable Energy (NCRE) sources such as hydropower, wind, solar, dendro and biomass are also added to the power system. Aiming to engage the local community in energy sector industries and achieve the sustainability, the contribution of renewable energy resources has been enlarged by using the following strategies in the national energy supply in order to reduce foreign exchange burden as a measure to promote the use of environmentally friendly energy sources.

Energy Source	Generation Capacity (Megawatts)	Number of Power Plants
Major hydropower	1,399	17
Renewable energy		
Small scale hydropower	422.97	211
Wind	248.45	18
Solar	70	27
Dendro and biomass	38.11	12
Solar panels	337	
Total	2,515.53	285

By the end of December 2020, a 16,304 Giga-Watt hours of electricity has been generated. Hydropower (excluding small hydropower plants) accounts for 24% of the total generation. The

contribution of Non-conventional Renewable Energy (NCRE) sources like small-scale hydro power, solar, wind and biomass is 9%. The contribution of solar panel power system generation is 2% in the energy composition.

02.3 Implementation of Major Hydro Power Plant Projects

Moragolla Hydro Power Project (31 MW)

The Moragolla Hydro Power Project is located in the Ulapane area in the Kandy District and is constructing in the Mahaweli River Basin. It is expected to generate 100 Giga-Watt hours of power annually. The Asian Development Bank (ADB) has provided a loan of US\$ 113.86 million in means of a loan grant, for this project in 2017 under the 'Green Energy Development and Energy Efficiency Improvement Investment Program'.

Preliminary work on the project began in 2018, and the current physical progress of the project is 27%. Progress on construction has become slow due to the ongoing Covid-19 widespread in the country. It is expected to complete the project by November 2023 and its power generation activity will be started.

Broadlands Hydro Power Project (35 MW)

The Broadlands Hydro Power Project will have an installed capacity of 35 MW and is expected to generate 126 Giga-watt hours of electricity annually. This hydro power plant is located near Kitulgala in the Kegalle District.

The original estimated total cost of this project was US\$ 82 million. 85% of the cost will be covered by a loan from the Industrial and Commercial Bank of China (ICBC) and the remaining 15% will be covered by a loan from the Hatton National Bank of Sri Lanka. However, as the validity of the ICBC loan expired on 16.12.2019, the CEB has held discussions with the People's Bank to obtain the required funds in order to complete the outstanding work.

79% of the work of this project has been completed and power generation is expected to commence in June 2021.

Uma Oya Hydro Power Project (120 MW)

Uma Oya Multipurpose Development Project located in Welimada area of Badulla District is being implemented by the Ministry of Irrigation and Water Resources Management. The expected annual power generation is 290 Giga-watt hours of electricity. The total estimated cost of this project is US\$ 514 million.

About 96% of the construction work has been completed so far. It is expected to complete this project by December 2021 and added to the National Power Grid.

Seethawaka Ganga Hydro Power Project (14 MW)

As per the feasibility study carried out on this project identified to be implemented in the Kegalle District, along the Seethawaka River, a tributary of Kelani Ganga, it is estimated to cost of US\$ 80 million. Initially it was expected to operate a 20 MW hydro power plant, however the CEB is of the view that the benefits of this project will be reduced since it is implemented at the above estimated cost. Therefore, again a feasibility study is being carried by Sri Lanka Energies Pvt. Ltd., a subsidiary of the Ceylon Electricity Board, to look into whether there is a possibility to operate this 14 MW project (07 x 2 MW) as a small-scale hydro power plant.

Thalapitigala Hydro Power Project (15 MW)

This hydro power project is being implemented by the Ministry of Irrigation. The Irrigation Department has signed a loan agreement with the Exim Bank of China. The design work of the project has been carried out by the Irrigation Department. IEE approval has been obtained for this project. Lands have been identified for resettlement. Compensation and land acquisition are in progress. A socio-economic study and action plan for resettlement are being prepared. This project is expected to be completed and added to the National Power Grid by 2024.

02.4 Wind Power

Mannar Wind Power Park (300 MW)

The Mannar Wind Power Park is the first large scale wind project available in Sri Lanka and is located on the Southern Coast of Mannar Island. As a first step, 100 megawatts of wind power has been generated through this Wind Power Park. This project consists of 30 modern wind turbines with a capacity of 3.45 MW and the total installed capacity of this park is 103.5 MW. It was built to harness the energies of major inter-monsoon wind system of Sri Lanka. It is expected to generate 400 Giga-watt hours of electricity annually.

The total estimated cost of this project is US\$ 200 million and the construction work will be carried out with a loan obtained from the Asian Development Bank. The first phase of this project, which commenced in March 2019, has been completed and it is operating from December 08, 2020 in the name of 'Thambapavani' Wind Power Plant. A 30 MW of energy has already been added to the power system. The remaining 70 megawatts of power is expected to be added to the power system in April 2021.

The savings of ADB loan will be used to install an additional 20 MW turbine at this site.

It is expected to generate an additional 200 megawatts of wind power from this Wind Park, as the second phase, through private investment. A survey has commenced on the lands identified in the Island of Mannar by Sustainable Energy Authority of Sri Lanka. Necessary arrangements are being made to conduct a feasibility study of this project.

Poonaryn Hybrid Renewable Energy Park (Wind - 240 MW and Solar - 150 MW)

Poonaryn is considered to have the highest wind energy potential in South Asian Region. It has been planned to construct a Wind Park of 240 MW and a solar power plant of 150 MW in the premises of this park, under private investment.

The land required for the construction of this power park has been identified and surveyed by the Sustainable Energy Authority of Sri Lanka. A pre-feasibility study and a survey called Bard & Bat have also been completed. Necessary documents for calling RFP have been prepared by the International Monetary Fund (IFC) and it is expected to call before August 2021. The Asian Development Bank (ADB) has agreed to offer financial assistance for conducting Environmental and Social Impact Assessment (ESIA) and Geotechnical Survey.

Chunnakam Wind Power Plant (2 X 10 MW)

The construction of dual wind power plant of 10 MW was completed and added to the National Power Grid in June 2020. Commercial operations this will be carried out as Independent Power Plants (IPPs).

Small Scale Wind Power Plant (60 MW)

Wind power plants with a total capacity of 60 MW (wind power plants with a capacity of 1-10 MW) are expected to be set up in the areas such as Mannar, Bolawatta, Madampe, Kappalthurai and Trincomalee using private sector investment. Procurement process has commenced for this. Tenders are to be awarded for Trincomalee wind power plant in January 2021, while procurement process is in progress for the Mannar and Madampe power plants.

02.5 Solar Power

Soorya Bala Sangramaya - A Program to Install Solar Panels on the Roof

A rooftop solar panels program was introduced in 2009 and the power purchase procedure was introduced in 2016 with the purpose of promoting renewable energy based power generation in Sri Lanka and thereby helping different groups of society by providing electricity at a lower price.

In 2019, the Government has introduced a lower interest loan scheme for domestic, industrial and commercial sectors under US\$ 50 million of financial facility from the Asian Development Bank (ADB) to obtain loan for the installation of solar power systems on rooftop up to 50 kW capacity. By the end of 2020, a total capacity of 321 MW had been added to the National Power Grid through the installation of roof-mounted solar power systems of 29,000 island-wide.

Solar Power Plants on Small Scale Land (1 X 35 MW and 1 X 70 MW)

Through these dual projects, on-site solar power plants with a unit capacity of 01 MW will be installed under private investment plan. Its total capacity is 105 MW. Out of this, establishments

of 31 power plants have been completed and added to the National Power Grid. Construction of 75 power plants is underway and expected to be completed by December 2021. With regard to the remaining scheduled power plants, they face problems such as land ownership, awaiting approvals from various institutions and departments and financial related issues. The Ministry has paid its attention on resolving these issues.

A 10 MW of Solar Power Plant of Polonnaruwa (Kaduruwela) is run with Aloe-Vera cultivation. The tender was awarded in 2020 and operations are expected to start by 2022.

Solar Power Plants with capacity from 01 to 10 MW (Total capacity 150 MW)

It is expected to start solar power projects with a total capacity of 150 MW, which is range from 01 to 10 MW, under private investment. Tenders for 147 MW of power projects are expected to be awarded by March 2021.

20 MW Solar Power Plant - Valachchenai (10 MW) and Vavunathivu (10 MW)

Construction of two solar power plants with 10 MW per each is expected to begin in Valachchenai and Vavunathivu. Currently necessary arrangement are being made to acquire the required lands. Those two solar power plants are expected to be added to the system by 2022.

Siyambalanduwa Solar Park (100 MW)

The 100 MW of Solar Power Park to be established in the Siyambalanduwa area in the Moneragala District will become the first large scale solar park in Sri Lanka. 500 acres of lands have been identified for the operation of this park. A pre-feasibility study has also been conducted and an environmental assessment is currently being carried. The Asian Development Bank (ADB) will provide technical assistance for analyzing the financial and technical aspects of the project and preparation of tender documents. The Asian Development Bank (ADB) has developed a business model for the project, including transmission facilities. It is expected to generate 148 Giga-watt hours of electricity from this project, annually.

Implementation of Solar Power Projects under Indian Loan Aid

The Government of India has agreed to provide a US\$ 100 million of loan from the Exim Bank of India for a solar power development project. The project aims to implement rooftop solar panels for government buildings, conduct research on floating solar power projects and introduce solar power kits with energy storage facilities for low income families. This project is expected to start in the beginning of 2021.

02.6 Small Scale Hydro Power Plants

Small scale hydropower plants with a capacity of 11.84 MW are under construction under private investment and which are expected to be added into the National Power Grid by mid-2021. In addition, small hydropower plants with a capacity of 12.4 MW will be added to the National Power Grid by the end of 2021.

02.7 Biomass power plants

At present, a 38.11 MW of capacity is being added to the National Power Grid through 12 power plants and it is expected to add 10 MW into the National Power Grid by 2021.

02.8 Waste to Energy

The Ceylon Electricity Board (CEB) has signed power purchase agreements (PPAs) for two power plants of Waste Energy in the country. The 10 MW of power plant of such waste energy at Muthurajawela is being constructed and its commercial operations will start in February 2021. Construction of the 10 MW of waste energy Power Plant at Karadiyana is expected to be completed by 2022.

02.9 Transformation of Diesel Thermal Power Plants into Liquefied Natural Gas (LNG) Power Plants

It is proposed to commence commercial scale of operations of liquefied natural gas in Sri Lanka, before 2024. Following the successful installation of liquefied natural gas facilities in the country, it is expected to convert the already existing diesel/heavy fuel thermal power plants into liquefied natural gas power plants.

Liquefied Natural Gas Supply and Infrastructure Development

The following projects should be implemented to provide liquefied natural gas for the proposed power plants.

Installation of a Floating Storage Regasification Unit (FSRU) and the Line by the CEB under the Construction of Built-Own Operation (BOO) basis in Kerawalapitiya area.

For this, the CEB, with the assistance of ADB advisors, will prepare RFP documents for private sector investment. Accordingly, the project proposals will be called for in the year 2021.

Construction of a Liquefied Natural Gas Pipeline from a Floating Recirculation Power Storage Unit to the existing Power Plants

The Ceylon Petroleum Corporation is responsible for the construction of this pipeline.

Supply of Liquefied Natural Gas

The Ministry of Power will issue a special license to the CEB for a period of 05 years to supply liquefied natural gas for power plants. Commercial operations of these projects are scheduled to begin in 2024.

02.10 Challenges

1. Financial condition of the power sector
2. Timely operation of power plants which are under construction
3. Infrastructure development for liquefied natural gas (LNG) supply
4. Implementation of Sectorial Reforms
5. Implementation of new technologies in the field of renewable energy (smart meters, smart network concepts)
6. Technical Challenges Due to the inadequate Network Support Systems in Renewable Energy Synthesis

02.11 Future Goals

- Meeting 70% of the country's energy requirement by 2030 from more environmentally friendly clean energy sources, including renewable energy
- Implementation of Smart Grid Concept
- Focus on specific renewable energy generation technologies
- Construction of wind parks along the coastal-belt
- Establishment of renewable energy storage facilities within the country
- Construction of floating solar power plants

Chapter 03 - Overall Financial Performance for the Year ended as at 31st of December 2020

03.1 Statement of Financial Performance.

ACA -F

Statement of Financial Performance for the period ended 31st December 2020

Budget 2020		Note	Actual 2020	Actual 2019	
-	Income Tax				
-	Taxes on Domestic Goods	1	-	-	ACA-1
-	Taxes on International	2	-	-	
-		3	-	-	
-	Non Tax Revenue &	4	-	-	
-	Total Revenue Receipts (A)		-	-	
	Non-Revenue Receipts				
-	Treasury Imprests		8,840,000	-	ACA-3
-	Deposits		-	-	ACA-4
-	Advance Accounts		685,347	-	ACA-5
-	Other Receipts		85,449	-	
-	Total Non-Revenue Receipts (B)		9,610,796	-	
-	Total Revenue Receipts & Non Revenue Receipts C = (A)+(B)		9,610,796	-	
	Less: Expenditure				
	Recurrent Expenditure				
-	Wages, Salaries & Other Employment Benefits	5	15,042,103	-	ACA2(ii)
-	Other Goods & Services	6	8,350,046	-	
-	Subsidies, Grants and	7	233,265,097	-	
-	Interest Payments	8	-	-	
-	Other Recurrent	9	-	-	
-	Total Recurrent Expenditure (D)		256,657,256	-	

	Capital Expenditure				
	Rehabilitation & Improvement of Capital Assets	10	-	-	ACA-2(ii)
-	Acquisition of Capital	11	1,849,246	-	
-	Capital Transfers	12	241,110,009	-	
-	Acquisition of Financial	13	-	-	
-	Capacity Building	14	16,000	-	
-	Other Capital Expenditure	15	35,463,911	-	
	Total Capital Expenditure (E)		278,439,166	-	
	Main Ledger		5,192,574	-	ACA-4 ACA-5
-	Deposit Payments		-	-	
-	Advance Payments		5,192,575	-	
-	Total Expenditure G =		540,288,985	-	
	Imprest Balance as at 31st December..... H =				
-	(C-G)		(530,678,190)	-	

03.3 Statement of Financial Position

ACA-P

Statement of Financial Position As at 31st December - 2020

	Note	2020 Rs	Actual 2019 Rs
<u>Non-Financial Assets</u>			
Property, Plant & Equipment	ACA-6	-	-
<u>Financial Assets</u>			
Advance Accounts	ACA-5/5(a)	4,507,226.60	-
Cash & Cash Equivalents	ACA-3	-	-
Total Assets		4,507,226.60	-

Net Assets / Equity

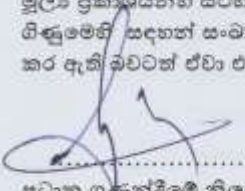
Net Worth to Treasury		4,507,226.60	-
Property, Plant & Equipment			
Reserve		-	-
Rent and Work Advance Reserve	ACA-5(b)	-	-

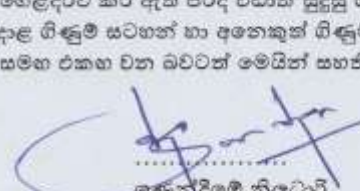
Current Liabilities

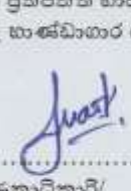
Deposits Accounts	ACA-4	-	-
Imprest Balance	ACA-3	-	-
Total Liabilities		4,507,226.60	-

Detail Accounting Statements in above ACA format Nos. 1 to 6 presented in pages from 06 to 55 and Notes to accounts presented in pages from 56 to 65 form and integral parts of these Financial Statements. The Financial Statements have been prepared in complying with the Generally Accepted Accounting Principles whereas most appropriate Accounting Policies are used as disclosed in the Notes to the Financial Statements and hereby certify that figures in these Financial Statements, Notes to accounts and other relevant accounts were reconciled with the Treasury Books of Accounts and found to in agreement.

පිටු අංක ෦෧..... සිට ෦෫..... දක්වා ඒ සිට ෦෬ දක්වා වූ ආකෘති පත්‍රවලින් ඉදිරිපත් කෙරෙන ගිණුම් තොරතුරු සහ සටහන් පිටු අංක ෦෫..... සිට ෦෬..... දක්වා ඇතුළත් ගිණුම් සටහන් විස්තර ද මෙම අවසන් ගිණුමෙහිම අන්තර්ගත කොටස් වේ. මෙම මූල්‍ය ප්‍රකාශන පිළියෙල කිරීම පොදුවේ පිළිගත් ගිණුම් මූලධර්මවලට අනුකූලව සිදුකර ඇති අතර මෙහිදී මූල්‍ය ප්‍රකාශයන්හි සටහන් මගින් හෙළදිව් කර ඇති පරිදි වඩාත් සුදුසු ගිණුම්කරණ ප්‍රතිපත්ති භාවිතා කර ඇත. ඉහත අවසන් ගිණුමෙහි සඳහන් සංඛ්‍යා, ඊට අදාළ ගිණුම් සටහන් හා අනෙකුත් ගිණුම් තොරතුරු භාණ්ඩාගාර ගිණුම් පොත් සමඟ සැසඳීම කර ඇති බවටත් ඒවා එම සංඛ්‍යා සමඟ එකඟ වන බවටත් මෙයින් සහතික කරමි.


 ප්‍රධාන ගණන්දීමේ නිලධාරී
 නම :
 තනතුර :
 දිනය : 25/02/2021


 ගණන්දීමේ නිලධාරී
 නම :
 තනතුර :
 දිනය : 25.02.2021


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 අධ්‍යක්ෂ (මුදල්)/ කොමසාරිස් (මුදල්)
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03.4 Statement of Cash Flows

ACA-C

Statement of Cash Flows for the Period ended 31st December 2020

	Actual	
	2020	2019
	Rs.	Rs.
<u>Cash Flows from Operating Activities</u>		
Total Tax Receipts	-	
Fees, Fines, Penalties and Licenses	-	
Profit	-	
Non-Revenue Receipts		
Revenue Collected for the Other Heads	85,449	
Imprest Received	8,840,000	
Total Cash generated from Operations (a)	8,925,449	
<u>Less - Cash disbursed for:</u>		
Personal Emoluments & Operating Payments	7,088,426	
Subsidies & Transfer Payments	33,977	
Expenditure on Other Heads	-	
Imprest Settlement to Treasury	-	
Total Cash disbursed for Operations (b)	7,122,403	
NET CASH FLOW FROM OPERATING ACTIVITIES (C)=(a)-(b)	1,803,046	
<u>Cash Flows from Investing Activities</u>		
Interest	-	
Dividends	-	
Divestiture Proceeds & Sale of Physical Assets	-	
Recoveries from On Lending	-	
Recoveries from Advance	62,201	
Total Cash generated from Investing Activities (d)	62,201	
<u>Less - Cash disbursed for:</u>		
Purchase or Construction of Physical Assets & Acquisition of Other Investment	1,865,246	
Advance Payments		
Total Cash disbursed for Investing Activities (e)	1,865,246	

NET CASH FLOW FROM INVESTING ACTIVITIES(F)=(d)-(e)

(1,803,046)

NET CASH FLOWS FROM OPERATING & INVESTMENT ACTIVITIES (g)=(c) + (f)

0

Cash Flows from Financing Activities

Local Borrowings

-

Foreign Borrowings

-

Grants Received

-

Deposit Received

-

Total Cash generated from Financing Activities (h)

-

Less - Cash disbursed for:

Repayment of Local Borrowings

-

Repayment of Foreign Borrowings

-

Deposit Payments

-

Total Cash disbursed for Financing Activities (i)

-

NET CASH FLOW FROM FINANCING ACTIVITIES (J)=(h)-(i)

-

Net Movement in Cash (k) = (g) -(j)

-

Opening Cash Balance as at 01st January

-

Closing Cash Balance as at 31st December

-

03.5 Notes to the Financial Statements

03.6 Performance of the Revenue Collection

Rs, 000

Revenue Code	Description of the Revenue Code	Revenue Estimate		Collected Revenue	
		Original	Revised	Amount (Rs.)	as a % of Revised Revenue Estimate
20.02.02.99	Interest Income	14.7	14.7	14.7	100 %
20.04.01.00	Social Security Contributions	70.7	70.7	70.7	100%

03.7 Performance of the Utilization of Allocation

Rs. 000

Type of Allocation	Allocation		Actual Expenditure	Allocation Utilization as a % of Revised Allocation
	Original	Revised		
Recurrent	275,565	275,565	256,657	93.14%
Capital	463,250	464,750	278,439	59.91%
Total				

03.8 In terms of F.R.208 grant of allocations for expenditure to this Department/District Secretariat/Provincial Council as an agent of the other Ministries/ Departments

S . N .	Allocation Received from Which Ministry /Department	Purpose of the Allocation	Allocation		Actual Expenditure	Allocation Utilization as a % of Final Allocation
			Original	Final		
	No					

03.9 Performance of the Reporting of Non-Financial Assets

Assets Code	Code Description	Balance as per Board of Survey Report as at 31.12.2019	Balance as per financial Position Report as at 31.12.2019	Yet to be Accounted	Reporting Progress as a %
9151	Building and Structures	No			
9152	Machinery and Equipment				
9153	Land				
9154	Intangible Assets				
9155	Biological Assets				
9160	Work in Progress				
9180	Lease Assets				

03.10 Auditor General's Report

Please refer Annex I

Chapter 04 - Performance Indicators

04.1 Institutional Performance Indicators (Based on Action Plan)

No new Action Plan was prepared after the establishment of the State Ministry and the Action Plan prepared for the Ministry of Power & Energy for the year 2020 was continuously implemented.

Chapter 05 - Performance Achieving Sustainable Development Goals (SDGs)

05.1 Identified Relevant Sustainable Development Goals

Purpose / Objective	Target	Performance Index	Progress		
			0%-49%	50%-74%	75%-100%
Securing access to affordable, reliable, sustainable and modern energy for all	Development of power distribution network for 100% domestic electricity level and high quality power supply	Electrification level within the country			99.9%
	Increasing renewable energy contribution up to 50% of total generation, by 2030	Percentage of contribution of renewable energy generation within the overall energy composition		70%	
	Enhancing the contribution of renewable energy to power generation by expanding the development of solar panels	Adding 200 MW capacity of solar panels into the National Power Grid by the year 2020			100%
	Energy saving through the use of efficient devices (energy LED Lighting Program)	432 gigawatt hours of energy savings by 2022	10%		
	Publishing "National Energy Policy and Strategies of Sri Lanka"	Completion of the Code of National Energy Policy and Strategy of Sri Lanka - 2019			100%
	Meeting 70% of the country's electricity demand through environmentally friendly clean energy sources, including renewable energy	Generating 20% of the total energy composition using liquefied natural gas as a green energy source	10%		

05.2 Brief Description on Achieving Sustainable Development Goals and Challenges

Achievements

1. The National Energy Policy and Strategies were declared in 2019.
This Code of Conduct will contribute to the following:
 - Bring down the dependency of Sri Lanka on fossil fuels to less than 50% from primary energy supply and reducing the consumption such specific energy by all consumers by 20%, in year 2030, than the levels existed in 2015.
 - Achieving Sri Lanka's Vision for Comprehensive Carbonization and making complete transformation of all Energy Chains by year 2050.
2. Increasing the electrification level up to 99.9%.
3. Maintaining the contribution of renewable energy attractively for power generation.

Year	Renewable Energy Contribution
2018	44 %
2019	35 %
2020	54 %

4. Launching of the Soorya Bala Sangramaya Program
By December 2020, through "Soorya Bala Sangramaya" program, 337 MW solar panels will be added to the generating system by 30,149 electricity consumers, by 2020.
5. Construction of 100 MW Wind Power Park in Mannar
The construction work of this wind park was completed on 08 December 2020 and added into the National Power Grid. In its first stage, 30 MW has been added into the National Power Grid.
6. Construction of 31 MW Morogolla Hydro Power Plant
The construction work of this plant is being carried out. It is expected to commence the operation of generation of this hydro power plant by October, 2023.
7. Mixed Hybrid Power Park of 240 MW Wind Power and 150 MW Solar Power at Poonaryn
As the first step of this project, the Ministry has planned to develop 50 MW of solar power. It is expected to begin land acquisition process, social and environmental assessment and geo-technical survey.

8. Construction of Solar Power Plants per 1 MW
As the first step, construction of solar power plant program per 1 MW, construction work of 37 projects are being carried. Under the second phase, 90 projects are to be constructed.
9. Construction of 02 Solar Power Plants of 10 MW each in Vavunathivu and 02 Wind Power Plants of 10 MW each in Chunnakam
10. Development of Energy Efficiency related Activities
'Shakthi' LED Lamps Distribution Program has been launched and now is in operation. Under this, nearly 700,000 LED lamps have been distributed among electricity consumers so far.

Challenges

1. Technical Challenges Due to inadequate Network Support Systems in Renewable Energy Synthesis
2. Renewable energy in demand and requiring storage facilities, cost-effective batteries and pump water facilities
3. The high cost of renewable energy technologies
4. Large scale investment being required for renewable energy development activities
5. Climate changes
 - Irregular weather, hydropower generation, biomass production and agricultural residues severely affect power generation
6. Social problems in renewable energy generation
 - Issues related to wildlife and forests
 - Problems with villagers
7. Take action to achieve the targets for Nationally Decided Contributions (NDCs) on Carbon Dioxide (CO₂) Reduction by 2030
 - 4% unconditional reduction of environmental carbon dioxide emissions
 - Reduction of environmental carbon dioxide emissions by 16% with the international cooperation

Chapter 06 - Human Resource Profile

06.1 Cadre Management

	Approved Cadre	Existing Cadre	Vacancies / (Excess)**
Senior	12	05	07
Territory	-	-	-
Secondary	21	11 *	06 **
Primary	19	14 *** ****	03
Temporary	04	01	03

* In addition, 05 Graduate trainees have been attached.

** There are 06 vacancies for Management Service Officers.

*** One of the drivers is on preretirement leave.

**** In addition, there are two casual drivers.

06.2 Briefly state how the shortage or excess in human resources has been affected to the performance of the institute.

Duties of two senior level positions are covered by two officers of the Ministry to avoid affecting shortage of human resource on the performance of the Ministry. Further, measures are taken to update the database frequently with relevant information of the approved cadre of the Ministry and to fill the vacancies.

06.3 Capacity Development of the Staff

Programs have not been conducted due to the present COVID 19 pandemic situation

Chapter 07 - Compliance Report

No.	Requirement to be applied	Compliance status (compliant/ not applicable)	If not applicable, a brief explanation for it	Specific actions that are proposed to prevent non-compliance in future
1.	The following financial statements / accounts have been submitted on time			
1.1	Annual Financial Statements	Applicable		
1.2	Advance Accounts of Public Officers	Applicable		
1.3	Business and Product Advance Accounts (Commercial Advance Accounts)	Not applicable		
1.4	Store Advance Accounts	Not applicable		
1.5	Special Advance Accounts	Not applicable		
1.6	Other	Not applicable		
2	Maintenance of Books and Documents (FR 445)			
2.1	Updating and maintaining the fixed asset register as per Public Administration Circular No. 267/2018	Applicable		
2.2	Updating and maintaining personal payroll documents / personal payroll cards	Applicable		
2.3	Updating and maintaining the list of audit queries	No audit queries have been received for the period after 09.08.2020.		
2.4	Updating and maintaining the internal audit record	No audit queries have been received for the period after 09.08.2020.		
2.5	Preparing all monthly account summaries (CIGAS) and submitting them to the Treasury on time	Applicable		
2.6	Updating and maintaining cheque and cash order register	Applicable		
2.7	Updating and maintaining inventory	Applicable		
2.8	Updating and maintaining stocks inventory	Applicable		
2.9	Updating and maintaining the register on loss and damage	Applicable		
2.10	Updating and maintaining the list of liabilities	Applicable		
2.11	Updating and maintaining the Sub Paper Book Register (GA-N20)	Applicable		

03	Representation of Functions for Financial Control (FR 135)			
3.1	Delegating financial powers within the organization	Applicable		
3.2	Should have made the institution aware about the delegating financial powers	Applicable		
3.3	Delegating authority where two or more officers could approve each transaction	Applicable		
3.4	Acting under the control of the Accountant in using the Government Payroll Software Package as per Government Accounts Circular No. 171/2004 dated 11.05.2014	Applicable		
4	Preparation of Annual Action Plan			
4.1	Preparation of Annual Action Plan			
4.2	Preparation of Annual Procurement Plan			
4.3	Preparation of Annual Internal Audit Plan	Not applicable		
4.4	Preparing the annual estimate and submitting it to the National Budget Department (NBD) on the due date			
4.5	Submitting the Annual Cash Flow Statement to the Treasury Operations Department on time			
5	Audit Queries			
5.1	Having answered for all the audit queries mentioned by the Auditor General, on the due date which has been fixed by him	No audit queries have been received for the period after 09.08.2020.		
6.	Internal Audit			
6.1	Having prepared the Internal Audit Plan after consultation with the Auditor General at the beginning of the year as per DMA / 1-2019 - FR 134 (2)			
6.2	Having responded to each internal audit within a month of time	No audit queries have been received for the period after 09.08.2020.		
6.3	Submitting copies of all the internal audit reports to the Department of Audit Management, in terms of sub-	No audit queries have been received for the period after 09.08.2020.		

	section 40 (4) of the National Audit Act No. 19 of 2018			
6.4	Submitting copies of all the internal audit reports to the Auditor General in accordance with the Financial Regulation 134 (3)	No audit queries have been received for the period after 09.08.2020.		
7	Audit and Management Committees			
7.1	Should have conducted at least 04 Audit and Management Committees during the relevant year as per DMA Circular No. 1-2019			
8	Asset Management			
8.1	Submitting information on acquisition and disposal of assets to the Comptroller General's Office as per Chapter 07 of Asset Management Circular No. 01/2017	Not applicable		
8.2	Appointing a Coordinating Officer to coordinate the implementation of the provisions of that Circular in Chapter 13 of the above and reporting the information about that officer to the Comptroller General's Office	Not applicable		
8.3	Should have conducted Board of Surveys in accordance with Public Finance Circular No. 05/2016 and submitted the relevant reports to the Auditor General on the due date	Not applicable		
8.4	Should have made excesses, deficiencies and other recommendations revealed in the Annual Board of Survey during the period mentioned in the Circular	Not applicable		
8.5	Disposal of unserviceable items in terms of FR 772	Not applicable		
9	Vehicle Management			
9.1	Preparing daily running charts and monthly summary reports for pool vehicles and submitting them to the Auditor General on the due date	Applicable		
9.2	Should have been disposed unserviceable vehicles not less	Applicable		

	than the period of 6 months, upon becoming unserved			
9.3	Maintaining and updating the log entry of vehicles	Applicable		
9.4	Taking action according to the FR 103,104,109 and 110 with regard to the every vehicle accident	Applicable		
9.5	Re-inspecting the fuel combustion of vehicles in accordance with the provisions of paragraph 3.1 of Public Administration Circular No. 2016/30 dated 29.12.2016	Applicable		
9.6	Having taken over full ownership of the leased vehicle's log books after the leasing period	Applicable		
10	Bank Accounts Management			
10.1	Should have prepared and certified the bank reconciliation statements on the due date and submitted them for audit	Applicable		
10.2	Should have settled inactive bank accounts brought forward during or before the year under review	Not applicable		
10.3	Should have acted in accordance with the financial regulations regarding the balances revealed and adjusted in the Bank Reconciliation Statements and settled those balances within a period of one month	Applicable		
11	Utilization of Funds			
11.1	Incurring expenditure not exceeding the provision which had been made	Applicable		
11.2	Reaching liabilities at the end of the year after utilization of the provision provided in accordance with Section 94 (1), not exceeding the limit	Applicable		
12	Advance Accounts of Public Officers			
12.1	Compliance with the limits	Applicable		
12.2	Having done an age analysis of the outstanding loan balances	Applicable		

12.3	Should have settled the outstanding debt balance being for more than one year	Applicable		
13	General Deposit Account			
13.1	Should have acted in accordance with FR 571 with regard to the expired deposits	Not applicable		
13.2	Updating and maintaining the Control Account for the General Deposit Accounts	Not applicable		
14	Imprest Account			
14.1	Should have forwarded the cash book balance to the Treasury Operations Department, at the end of the year under review	Applicable		
14.2	Interim Imprest issued under FR 371, having been settled within one month after the completion of particular work	Applicable		
14.3	Having issued the Interim Imprest at present not exceeding the approved limit in terms of FR 371	Applicable		
14.4	Doing reconciliation of Imprest Account's balance with Treasury Book, monthly	Applicable		
15	Revenue Account			
15.1	Should have made repayments from the income collected in accordance with the relevant regulations	Applicable		
15.2	Having credited the collected revenue directly to the revenue income without depositing to the deposit account	Applicable		
15.3	Having submitted the outstanding revenue reports to the Auditor General, as per FR 176	Not applicable		
16	Human Resource Management			
16.1	Maintaining staff within the approved Cadre Limit	Not applicable	Many posts are in vacant.	Requests have been made from the Ministry of Public Services, Provincial Councils and Local Government to fill the vacancies.
16.2	Should have provided duty lists in writing to all staff members	Applicable		

16.3	Submitting all reports to the Department of Management Services in terms of MSD Circular No. 04/2017 dated 20.09.2017	Not applicable	All reports have not been submitted to the Management Services Department.	Arrangements are already being made to submit all reports to the Management Services Department.
17	Providing information to the public			
17.1	Appointing an Information Officer in accordance with the Right to Information Act and Regulations and updating and maintaining an document consist of such information provided	Applicable		
17.2	Providing information about the organization through its website and having made facilities for the public to put their comments / allegations about the organization, through the website or alternative channels	Applicable		
17.3	Should have submitted reports twice or once a year as per Sections 08 and 10 of the Right to Information Act	Applicable		
18	Implementation of the Citizens' Charter			
18.1	Should have formulated and implemented a Citizen's / Client's Charter in accordance with the provisions of the Circular Nos. 05/2008 and 05/2018(1) of the Ministry of Public Administration and Management	Not applicable	No Citizen's / Client's Charter has been prepared for the Ministry.	Necessary arrangements are being made to prepare the Citizen's / Client's Charter for the Ministry as per the Circulars of the Ministry of Public Administration and Management No. 05/2008 and 05/2018 (1).
18.2	A methodology should have been developed by the organization to monitor and evaluate the matter of preparation and implementation of Citizen's/Client's Charter, in terms of the paragraph 2.3 of the said circular	Not applicable		
19	Preparation of Human Resource Plan			
19.1	Preparing Human Resource Plan based on the Public Administration Circular No.	Applicable		

	02/2018 Annexure 02 dated 24.01.2018			
19.2	Should have ensured at least 12 hours of training per year for each member of the staff, in the above HR Plan	Not applicable	The Ministry has not ensured at least 12 hours of training per year for each staff, in the Human Resource Plan.	
19.3	Should have signed annual performance agreements for the entire staff based on the format given in Annexure 01 of the above Circular	Not applicable	The Ministry has not signed performance agreements for the entire staff, in the Human Resource Plan	
19.4	Should have appointed a Senior Officer with the responsibility of preparing Human Resource Development Plan, Capacity Development Programs and Implementing Skills Development Programs in accordance with paragraph 6.5 of the above Circular	Not applicable	No senior official has been appointed by assigning responsibilities for preparing the Human Resource Development Plan, capacity-building programs and implementing skills development programs.	
20	Responding to Audit Queries			
20.1	Having corrected the deficiencies pointed out through the audit paragraphs of the Auditor General for the previous years	It is not applicable, as the Ministry was established on 09.08.2020.		

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