

Progress of the Development Projects and Programmes During 2015 - 2018
Ministry of Power & Renewable Energy

	Name of the Project/ Programme	Location (Province/ District/ DS Division)	TEC (Rs. Mn)/ Source of Funding	Project/ Programme Duration/ Start Date and End Date	Economic and Social Benefits	Progress of the Project/ Programme (%)	Implementation Agency/ Department
1	"Ratama Eliyai - Andura Duralai" Jatika Viduli Sathkaraya	All Island	Provide Loan facility of Rs. 40,000/- with 7% interest rate and 72 repayment instalments to get electricity connection	2015 - 2016	Improve the quality of the life, Enhance micro enterprises and Efficient use of Electricity	100%	Ceylon Electricity Board
2	3 x 10 MW Solar Power Plants	Hambanthota	Build-Own-Opeate (BOO)	2016 - 2017	Saving the foreign exchange for importation of fossil fuel annually for electricity generation, Increase the share of Renewable energy in electricity generation and Emmissions free environmental friendly electricity generation	100%	Private Sector
3	10 MW Wind Power Plants	Puttlam	Build-Own-Opeate (BOO)	2015	Saving the foreign exchange for importation of fossil fuel annually for electricity generation, Increase the share of Renewable energy in electricity generation and Emmissions free environmental friendly electricity generation	100%	Private Sector

4	10 MW Solar Power Plants	Vavuniya	Build-Own-Operate (BOO)	2015	Saving the foreign exchange for importation of fossil fuel annually for electricity generation, Increase the share of Renewable energy in electricity generation and Emissions free environmental friendly electricity generation	100%	Private Sector
5	10 MW Solar Power Plants	Polonnaruwa	Build-Own-Operate (BOO)	2015	Saving the foreign exchange for importation of fossil fuel annually for electricity generation, Increase the share of Renewable energy in electricity generation and Emissions free environmental friendly electricity generation	100%	Private Sector
6	Clean Energy & Network Efficiency Improvement Project - Solar Rooftop Power Generation Pilot	Colombo, Kandy, Jaffna, Galle	LKR Mn. 400	2013 - 2017	Power generation through renewable energy	100%	Ceylon Electricity Board
7	"Future Dreams - 2016" School Energy Exhibition	All Island	LKR Mn. 40	2016 September - 2016 November	Make aware school children and teachers about new knowledge of energy sector and concept of energy conservation to school community	100%	Sri Lanka Sustainable Energy Authority

8	Installation of rooftop Solar Power systems in Public Sector Institutions	All Island	LKR Mn. 245.2	2017 - 2018	Reduce burden to the Government Budget by generating Renewable Energy and Saving the foreign exchange for importation of fossil fuel annually for electricity generation	100%	Sri Lanka Sustainable Energy Authority & Ceylon Electricity Board
9	"Rivi Aruna" Programme (Hand over Solar pannels to cover 200 Religious centers)	All Island	LKR Mn. 100	2017	Reduce burden to the Government Budget by generating Renewable Energy and Saving the foreign exchange for importation of fossil fuel annually for electricity generation	100%	Sri Lanka Sustainable Energy Authority
10	Meter enclosure Manufacturing project	Galigamuwa	LKR Mn. 147	2017	Create more job opportunities	100%	Sri Lanka Energies
11	System Control Modernization - New System Control Centre at Sri Jayawardanapura	Sri Jayawardenapura	LKR Mn. 2,863.4	2016 - 2018	Efficient control, data analysing and monitoring system	100%	Ceylon Electricity Board

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Ongoing Projects

	Name of the Project/ Programme	Location (Province/ District/ DS Division)	TEC (Rs. Mn)/ Source of Funding	Project/ Programme Duration/ Start Date and End Date	Economic and Social Benefits	Progress of the Project/ Programme (%)	Implementation Agency/ Department
1	Construction of Moragolla 31 MW Hydro Power Project	Ulapane, Kandy District,	LKR Mn. 15,940 Asian Development Bank	2017-2021	Low electricity generation cost by hydro power generation compared to the Thermal power generation. Environment friendly power generation. More employment opportunities will be created during the project construction period.	Procurement process is in progress	Ceylon Electricity Board
2	100 MW Semi- Dispatchable type Wind Farm along the Southern Coast of Mannar Island	Mannar	LKR Mn. 24,000 Asian Development Bank	2017-2018	Since this is Renewable energy generation there will be no cost for imported fossil fuels for electricity generation. More employment opportunities will be created in the area for public	Technical Evaluation is completed	Ceylon Electricity Board

3	300 MW Liquidated Natural Gas (LNG) Fired Combine Cycle Power Plant	Kerawalapitiya	Independent Power Plant - BOO	2017-2019	Comparatively environmental Friendly electricity generation and capacity addition for base load to meet electricity demand	Procurement process was completed and to get the Cabinet approval Cabinet Memo was submitted. However, Court case has been filed by one of NGO in Supreme Court in this regard	Private Sector
4	Construction of two 10MW solar power plants	Chunnakum	Private Sector	2017-2019	Since this is Renewable energy generation there will be no cost for imported fossil fuels for electricity generation.	Power purchase agreement signed	Private Sector
5	Promoting Sustainable Biomass Energy Production and Modern Bio-Energy Technologies	All Island	LKR Mn. 288	2016 January - 2018 December	Reduction of greenhouse gas emissions from the use of fossil fuel for thermal energy generation in the Sri Lanka industrial sector through renewable energy	77%	Sri Lanka Sustainable Energy Authority

6	Construction of Seetawaka 20MW Hydro Power Plant	Seethawaka, Awissawella	LKR Mn. 7,250 Ceylon Electricity Board	2017-2022	<p>Low electricity generation cost by hydro power generation compared to the Thermal power generation.</p> <p>Environment friendly power generation. More employment opportunities will be created during the project construction period.</p>	<p>Preliminary activities going on and feasibility study is being implemented</p>	Ceylon Electricity Board
	Green Power Development and Energy Efficiency Improvement Investment (Tranche 2)		LKR Mn. 24,842		<p>Reliable, uninterrupted and high quality electricity transmission by minimizing the transmission and distribution energy loss. Therefore efficient electricity usage and higher productivity in the Industrial sector. Also more foreign and local investment for Industrial sector can be attracts due to high quality and uninterrupted power supply and economic benefits can obtained.</p>		

	Hambantota 220kV Development	Hambantota,	Asian Development Bank		More employment opportunities will be created due to the advancement of Industrial sector.		
	Hambantota Grid Substation 220kV development	Kandy			Also small and medium scale industries will be promoted among the public as self-employment opportunities		
	Construction of New Polpitiya-Hambantota 220kV, 150km transmission line	Mannar, Padukka					
	Mannar - Nadukuda Transmission Development	Colombo					
	Construction of Nadukuda 220/33 kV Grid Substation, Augmentation at Mannar 220/33kV Grid Substation,	Vavunia					
7	Construction of Mannar - Nadukuda 220kV, 30km transmission line	Horana,		2017 - 2019		5%	Ceylon Electricity Board
	Construction of Padukka - Horana 132kV, 25km transmission line	Biyagama					
	2nd cct stringing of Habarana-Valachcheai 132 kV Tra.line	Madampe					
		Southern province					

<p>Construction of Colombo B Substation</p> <p>Construction of Single In & Out Connection from Colombo C - Kolonnawa</p> <p>132kV 800mm² Cable</p> <p>Augmentation at Colombo C and Kolonnawa Grid Substations</p> <p>Augmentation of Kotugoda Grid Substation</p> <p>Augmentation of Kolonnawa Stanley Grid Substation</p> <p>Augmentation of Padukka Switching Station</p> <p>Augmentation of Horana Grid Substation</p> <p>Augmentation of Dehiwala Grid Substation</p> <p>Augmentation of Madampe Grid Substation</p> <p>Construction of Biyagama 220/33kV GSS</p> <p>Augmentation of Biyagama Grid Substation</p> <p>Construction of 33 kV distribution Tower Lines and Gantries</p>						
<p>Electricity Supply Reliability Improvement Project</p>	<p>All districts of the country</p>	<p>LKR Mn. 14,040.5</p>				

8	<p>Procurement of material for 116 RE Schemes</p> <p>Construction of 270.5 km long 33kV tower lines and 13 no. of 33kV 2SSBB gantries</p> <p>Supply and Delivery of Material for rural electrification network extended and distribution performance monitoring</p> <p>Construction of Hybrid renewable energy systems in 03 small islands (Nainativu, Analitivu, Delft)</p> <p>System Reliability Improvement Project</p>	<p>Nainativu, Analitivu, Delft Islands</p> <p>Pannipitiya & Biyagama</p>	<p>Asian Development Bank</p>	<p>2017 -2019</p>	<p>Electricity will be supplied to the every households in the country and this pave the way for enhancement of more economic activities by Households. Small and medium scale Industries are also benefited by the supply of electricity leads to social and economic benefits to the country.</p>	<p>Procument of materials complete 95%</p> <p>under bidding stage</p>	<p>Ceylon Electricity Board</p>
9	<p>Renewable Energy Absorption Transmission Development Project</p> <p>Construction of four new Grid Substations and related 132 kV Transmission Lines</p>	<p>Maliboda, Wewalwatta, Nawalapitiya Ragala</p>	<p>LKR Mn. 6,228</p> <p>Agence Francise de Development (AFD)</p>	<p>2017-2020</p>	<p>Renewable energy generated by Mini hydro power plants in those areas will be absorbed to the System. More clean and renewable energy.</p> <p>More job opportunities will be created during the project construction phase.</p>	<p>24%</p>	<p>Ceylon Electricity Board</p>

10	Manufacturing of Smart Meters locally and Introduce to Energy Sector in Sri Lanka	Colombo	LKR Mn. 49.2	2017 - 2019	Considerable amount of foreign exchange needed to import smart meters for the country will be saved. More employments will be crated.	99%	Ceylon Electricity Board
11	Construction of 37 no. of 1MW solar power plants	All Island	Build- Own - Operate (BOO)	2017-2018	Renewable energy generated by Solar power plants in those areas will be absorbed to the System. More clean and renewable energy.	Tenders awarded	Private Sector
12	Construction of 90 no. of 1MW Solar Power Plants	All Island	Build- Own - Operate (BOO)	2018 - 2020	Electricity consumer become electricity generators. And will be able to earn income according to the generated electricity. This will enhance their quality of life. Environmental friendly Green electricity will be added to the system.	Evaluation stage	Private Sector
13	"Soorya Bala Sangramaya"	All Island		2016 onwards	Renewable Energy generation and saving the foreign exchange for importation of fossil fuel annually for electricity generation, Increase the share of Renewable energy in electricity generation and Emmissions free environmental friendly electricity generation	Acheivment of 100 MW of Solar roof top systems. No. of House hold connected 9,681	Ceylon Electricity Board, Lanka Electricity Co. (pvt) Ltd, Sri Lanka Sustainable Energy Authority & Electricity customers