

# MINISTRY OF POWER & RENEWABLE ENERGY

## GABINET MEMORANDUM

Cabinet Memo No. 15/2017/PE

Ministry Ref. No. PE/PA/TA/29/2017

### A Project for Provision of Solar Power Systems for Public Institutions under the Program of "Sooryabala Sangraamaya".

#### 1. Background

There is an opportunity for any electricity customer to generate electricity while installing solar panels on the rooftop of their premises under the program of "Sooryabala Sangraamaya", introduced in the year 2016. Herein any electricity consumer could obtain a payment of Rs. 22.00 per additional unit generates over the consumption during the first seven years and Rs. 15.50 per unit from the 8<sup>th</sup> year from the Ceylon Electricity Board and Lanka Electricity (Pvt) Ltd under Net Accounting method. Further, under the Net Plus scheme, electricity consumer pays for the consumption of electricity under the existing tariff; he can obtain Rs. 22.00 per unit during the first seven years and Rs.15.50 per unit from the 8<sup>th</sup> year to 20<sup>th</sup> year for electricity added to the system by generating through solar power. Further, under the Net Metering scheme, consumer can consume the balance in the forthcoming months. The approval has been given for this by the Cabinet Decision dated 16.08.2016.

The necessary measures are being taken to expedite the said projects further, due to the environment, Social, and economic friendly impacts. Further, it has been targeted to add 200 MW by year 2020 and another 800MW by year 2025 to the National grid under the "Sooryabala Sangraamaya". The following budget proposal was announced to provide solar power systems to the public institutes under the Budget Proposals of 2017 due to the importance of introduction of this program to the public organizations who are electricity consumers and as it is a timely requirement.

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It has been proposed to transfer all the government buildings to green energy sources such as solar power. Accordingly, I propose Rs. 350Mn as the initiative assistance to implement the said project successfully".

2. The proposal for the introduction of electricity generation project for the public organizations.

A considerable amount of public organizations have already taken measures to install solar power systems by using their budget provisions by now under the program of introduction of solar power systems for the public organizations. If any technical assistance required for the said purpose, the Sustainable Energy Authority would provide it.

However, it has been proposed to provide solar power generation facilities for the Public Institutes where provisions have not been allocated for such projects under the budgetary provisions of 2017 of those institutes by the Rs.350Mn allocated under the said budget proposal. Our ministry receives requests from various public institutes for the said purpose and actions should be taken in this regard.

It has been proposed to provide solar power systems for 125 buildings of Public Institutes under this program and the required electricity of demand of day time in the relevant public institutes can be generated through these solar power systems.

Moreover, emission of 2800 tons of CO<sub>2</sub> to the environment would be avoided annually by implementation of this project.

Therefore, it has been proposed to implement the 1<sup>st</sup> phase of the project under the allocated budget provisions of Rs. 350Mn, as follows.

- I. Provision of solar power systems for selected hospitals in each district by disbursement of 75% of these funds. Steps would be taken to popularize solar power generation by giving a strong message to the public through the introduction of these solar power systems to hospitals.
- II. Providing of solar panels by using balance 25% provision to the public organizations which are capable to share the project cost.
- III. Herein, the Sri Lanka Sustainable Energy Authority will conduct a technical evaluation with relevant to the installation of solar power systems for the relevant Government hospitals and public institutions.
- IV. Sri Lanka Sustainable Energy Authority will conduct the procurement process to purchase the required solar power systems for these, with the competitive bidding process.
- V. Herein, the required technical specifications, financial evaluations and the selection of organizations would be conducted by Sri Lanka Sustainable Energy Authority.
- VI. Under this program, a maximum capacity of 5 kV solar power systems will be provided for the public institutions which have single phase power supply and 20kV maximum capacity will be provided for the public institutions which have three phase power supply.

### 3. Approval

The proposals below are submitted for the approval of the Cabinet of Ministers to implement the project mentioned in above 2.

3.1 Implementation of the proposal mentioned in above 2.

3.2 Provision of the imprest for the Budgetary Provisions allocated by the budget proposals, to the Ministry of Power and Renewable Energy in order to supply solar power systems to the public institutes under the program of "Sooryabala Sangraamaya" and subsequently implementation of the said project by the Sri Lanka Sustainable Energy Authority.

3.3 To appoint a Technical Evaluation Committee for the procurement of solar systems for public institutes under the "Sooryabala Sangraamaya" program and to authorize the Standing Cabinet Appointed Procurement Committee to implement said procurement.

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