THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) The Government has set a target of installing 175 GW of renewable energy capacity by the year 2022.

(b) A total of 80.04 GW of renewable energy capacity has been installed in the country as on 31.05.2019. Further, renewable energy projects of 24.08 GW capacity are under various stages of implementation.

(c) The renewable energy projects such as solar and wind are awarded through transparent bidding process based on guidelines issued by the Government.

(d) A total of 29.41 GW of solar power capacity has been installed in the country as on 31.5.2019. Further solar energy projects of 49.27 GW capacity are under various stages of bidding and implementation. However, major constraints in the installation of the solar plants in the country are availability of land, transmission/evacuation system, purchase of power by DISCOMs, lack of interest by some of the State Governments/UTs, etc.

Replacement of batteries of solar street lights

1219. DR. ASHOK BAJPAI: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government has any plan to replace batteries of existing solar street lights installed under various Government schemes;

(b) if so, the details thereof; and

(c) if not, the reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) to (c) The solar street lights installed under the schemes operated by the Ministry of New and Renewable Energy are generally covered with Comprehensive Maintenance Contract (CMC) for a period of 5 years.

Currently, there is no provision for replacement of batteries after expiry of CMC period through Government support. Replacement of batteries after expiry of CMC period is the responsibility of the beneficiary.

Allocation of Stand Alone pumps under KUSUM Scheme

1220. SHRI G.V.L. NARASIMHA RAO: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government proposed allocation of stand alone solar pumps under Component-B under the Kisan Urja Suraksha evam Uththaan Mahabhiyan (KUSUM) Scheme, State-wise;

(b) if allocation has not been made yet, what will be the criteria for such allocation, State-wise;

(c) whether the Ministry advise States to give priority to drought prone, rain fed regions in scheme implementation to augment farmers incomes in such areas;

(d) whether the Ministry is open to consider payment of capital subsidy under KUSUM Scheme directly to farmers through the Direct Benefit Transfer (DBT) route; and

(e) if not, the reasons for not giving subsidy directly to farmers?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) to (e) The Ministry has launched a New Scheme for Farmers on 8.3.2019, which provides for installation of 17.5 lakh Stand-alone solar water pumps for agriculture with 30% Central Financial Assistance (CFA) under Component-B.

The Guidelines for implementation of the Scheme covering modalities for allocation to farmers, payment of CFA, etc. are under process of finalisation with stakeholder consultation.

Solar sector investments

1221. SHRI G.V.L. NARASIMHA RAO: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government has achieved the target of 100 GW of solar power generation by 2022, what is the level of investment required in the sector;

(b) what has been the scale of Foreign Direct Investment (FDI) so far in the last three years in the solar sector and the anticipated level of FDI in the next three years, the details thereof, of the investment in domestic sector:

(c) the action plan being implemented to achieve the required levels of investment in the solar sector; and

(d) the steps being taken to make domestic solar industry competitive?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) Government has set a target of installing 100 GW of solar power capacity by 2022 against which a solar power capacity of 29.41 GW stands installed as on 31.05.2019. Taking an average investment of ₹ 4.25 crore per MW, a total investment of ₹ 4,25,000 crore is required for setting up of 100 GW of solar power.