

II. Worker Population Rates (2004-05)

Haryana Average	Muslim Average
62.4	68

III. Health (National Family Health Survey -2, 1998-99)

Mortality Rate	Haryana Average	Muslim Average
Infant Mortality Rate (Per 1000)	59	52
Under 5 Mortality Rate (Per 1000)	79	90
Total Fertility Rate	2.9	6.0

IV. Literacy Level in percentage (2001 Census)

Haryana Average	Muslim Average
67.9	40

Technical research for alternative source of energy

†3054. SHRI RAGHUNANDAN SHARMA : Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government has formulated any action plan to conduct technical research for providing alternative source of energy in rural areas and Solar Energy Centre and Delhi Technological University have signed an agreement to conduct research and education programmes jointly regarding renewable energy;

(b) if so, the details thereof along with the status of its implementation and the number of villages covered under this work plan so far; and

(c) if not, the reasons therefor?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH) : (a) Yes Sir. The R&D Programme of the Ministry supports development of technologies for providing alternative source of energy in the country including rural areas. Also a Memorandum of Understanding (MoU) between Solar Energy Centre (SEC) and Delhi Technological University (DTU) has been signed on 22nd May, 2012.

†Original notice of the question was received in Hindi.

(b) The MoU between SEC and DTU envisages collaborative research through joint supervision of M.Tech and Ph.D theses, practical courses at SEC for DTU students in specialized areas of solar energy, joint refresher courses for the industry and organizing conferences, symposium and workshops on the cutting edge renewable energy technologies. So far SEC has collaborated with DTU in organizing the Second International Symposium on Concentrated Solar Power in June, 2012. A two days refresher course on solar energy for the students and faculty of DTU was organized at SEC in March, 2013. Students of DTU are also pursuing projects at SEC. As a result of sustained R&D activities pursued by the Ministry, under various programmes, so far 10135 villages and hamlets have been provided with electricity, 46.55 lakh biogas plants have been installed, biomass gasifiers of a total capacity of 16.79 MW have been commissioned and photovoltaic systems of aggregate capacity of 124.67 MW have been deployed for providing energy in off-grid mode.

(c) Does not arise.

Viability gap funding for solar projects

3055. SHRI A. ELAVARASAN : Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the Ministry has come out with the proposed norms for viability gap funding (VGF) for large size solar power projects that would come up in Phase-II of the Jawaharlal Nehru National Solar Mission;

(b) if so, the details thereof;

(c) whether the Ministry has decided to facilitate the creation of 10,000 MW of utility scale solar power capacity under Phase-II; and

(d) if so, the details thereof?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH) : (a) and (b) Yes Sir. The proposal for Viability Gap Funding (VGF) Scheme for large size solar power projects under Batch-1 of Phase-II of Jawaharlal Nehru National Solar Mission (JNNSM) envisages the following main provisions:

- *Coverage:* Solar PV projects of total 750 MW capacity to be set up on Build-Own-Operate basis, with minimum project capacity of 10 MW.
- *Tariff for power purchase:* @ Rs. 5.45/ unit fixed for 25 years.