

Tour Report of Shri G.R. Singh, Director for the visit to Chandigarh and Shimla to inspect & review the status of SADP projects in Chandigarh (UT) and in the State of HP- 12 - 17 May, 2014.

I visited Chandigarh and Shimla in connection to inspect and review the status of SLEP and SADP projects sanctioned to DST/CREST in Chandigarh UT and HIMURJA in the State of Himachal Pradesh from 12-17 May, 2014.

I. Meeting with DST/CREST Chandigarh UT and inspection to SLEP project (12 May, 2014).

On 12th May, 2014 at 3.00 PM, a meeting was held with the officials of CREST and DST, Chandigarh UT, wherein the status of SLEP and SADP projects sanctioned to them by MNRE, was discussed in detail. After meeting, a visit was also carried out along with the CREST officials to a SADP project of 10 kW SPV Power Plant installed at IGP office, UT Secretariat, Chandigarh. The project was found in good working condition. The generation data from the plant for 12th May, 2014 was also obtained. Sh. Ravinder Singh, Project Director, CREST informed that the Solar Water Heating System (1000 lpd) sanctioned by MNRE could not be installed due to non-availability of clear sunny area in the Secretariat campus.

Another meeting was also held in the evening of 12th May, 2014 with Shri Santosh Kumar, Director, Deptt. of Science & Technology, Chandigarh Administration after visiting the State Level Energy Park installed at Botanical Garden, Chandigarh UT. The undersigned however was satisfied with the installation of various energy systems and devices installed at Energy Park, but felt need to operate the park on sustainable basis, as DST is incurring expenditure on the visit of the school children invited by them to visit the park by paying them bus fare and other facilities etc. During the visit, an emphasis was also given on the proper utility of the systems and devices installed in the park, such as Box Type/Sk-14/ Scheffler cookers etc., as these are not being utilized currently.



Power Generating Drum at SLEP



Sk-14 and Scheffler cookers at SLEP

II. Meeting with HIMURJA, Shimla and inspection to SADP project at HP Secretariat, Shimla (13 May, 2014).

On 13th May, 2014, at 2.30 PM, a meeting was held with HIMURJA, Shimla to review the status of two SLEP projects and SADP projects. The status of the projects sanctioned to HIMURJA was discussed in detail. In the meeting, CEO, HIMURJA informed that both the SLEP projects installed at Dr. Y.S. Parmar University of Horticulture & Forestry, Nauni, Distt solar, HP (commissioned in September, 2012) and National Institute of Technology, Hamirpur, HP (commissioned in February, 2014) are working satisfactorily. The status of SADP projects sanctioned for 12 Collectorates was also discussed in the meeting. The solar power plants of 4 kW capacity sanctioned for each Collectorate have been installed and commissioned in December, 2013, and also most of the solar water heating systems (200 lpd capacity each) have also been installed except for Mandi Distt., and Tribal areas which are likely to be installed by the end of May, 2014. After meeting the inspection visit to the SPV Power Plant of 6.5 kW capacity installed at HP Secretariat, Shimla was carried out, and the same was found in working condition.

III. Meeting with NIT, Hamirpur and inspection to SLEP and SADP project (14 May, 2014).

Next day i.e. on 14th May, 2014, on the way to Hamirpur, a Solar Power Plant of 4 kW capacity installed at Collectorate office, Bilaspur was inspected. Shri R.K. Shukla, Sr. Project Officer, Bilaspur, HIMURJA told me that the Committee Room and the main office of DC has been provided electricity generated from the solar power plant. As regards, the 200 lpd solar water heating system, he informed me that the material for the same has been received at site and the same would be installed soon. The pictures of 4 kW Solar PCU and Solar PV Array installed at Bilaspur collectorate, are given below:-

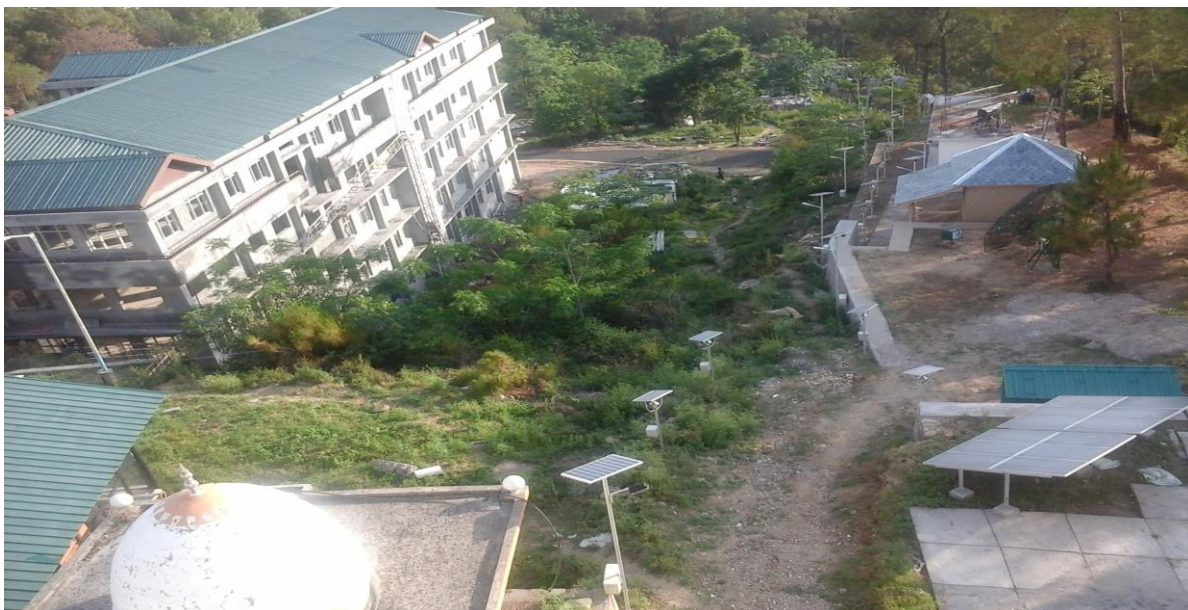


4 kW Solar PCU



4 kW Solar PV Array at DC Office Bilaspur

On the same day in the evening i.e. on 14th May, 2014, a meeting with Professor S.S. Chandel, Project Co-ordinator, State Level Energy Park at NIT, Hamirpur was held and a detailed discussion on the various systems and devices installed in the park was carried out, wherein HIMURJA officials were also present. After meeting, an inspection visit was carried out to the indoor and outdoor exhibits installed in the park. The systems installed in the park were found functional and noted that the location of the park is most appropriate, as it would be useful in carrying out research and imparting education in renewable energy to the students of Centre for Energy and Environment and students of other disciplines studying at NIT, Hamirpur and also for the local people/visitors. HIMURJA officials and the project co-ordinator, NIT, Hamirpur were requested to complete the minor work like fencing of stairs and roof of solar passive building, platform for solar cars, at the earliest possible, so that the park may be opened for the public.



RE Installations at State Level Energy Park, Hamirpur

On 15th May, 2014, a Solar Power Plant of 4 kW capacity installed at Collectorate office, Kullu was inspected along with Shri Narain Dutt, Sr. Project Officer, HIMURJA, Kullu. The plant was found in working condition. The solar water heating system of 200 lpd was also inspected, which is installed at the residence of DC, Kullu. SPO, Kullu told me that the plant could not be installed at the Collectorate office, as there was no utility of the hot water in the DC office. The solar water heater was also found functional. The pictures of the SPV power plant and solar water heater, are given below:-



Battery Bank of 4 kW SPV Power Plant 4 kW Solar PV Array at DC office, Kullu



Solar Water Heating System of 200 LPD installed at DC residence, Kullu