

9.0 **PROJECT BENEFITS**

Proposed power plant will result in considerable growth of stimulating the industrial and commercial activities in the state. Small and medium scale industries may be further developed as a consequence.

Proposed power plant would be beneficial in reducing the existing and ever escalating demand of electricity in northern part of the country.

In operation phase, the proposed plant would require significant workforce of non-technical and technical persons. Migration of persons with better education and professional experience will result in increase of population and literacy in the surrounding villages.

9.1 **Improvements in the Physical Infrastructure**


The beneficial impact of proposed power plant on the civic amenities will be substantial after the commencement of project activities. The basic requirement of the community needs will be strengthened by extending healthcare, educational facilities to the community, building/strengthening of existing roads in the area. DCW will initiate the above amenities either by providing or by improving the facilities in the area, which will help in uplifting the living standards of local communities.

The construction of new roads /strengthening of roads in the project area will enhance the transportation facilities. With improved transportation facilities there is always a scope for development.

9.2 **Corporate Social Responsibility**

The activities which are proposed by M/s. DCW to be taken up during first three years are given below:

- Infrastructure development;
 - Education;
 - Medical facilities;
 - Sanitation;
 - Community development and awareness programmes; and
 - Vocational training in and around the project site.
- Infrastructure development
- Pure & safe drinking facilities;
 - Improve the village sanitation system;
 - Construction of suitable approach roads and bus shelters;
 - Repair and diversion of the existing roads and drains; and
 - Improve street and general lighting requirements.
- Education
- To upgrade the existing primary school;
 - In addition to this, the following facilities will be provided:

| | |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|  | EIA for the Proposed 30 MW Captive Power Plant at Durgapuram Village, Dachepalli, Guntur District, Andhra Pradesh |
| | Chapter-9 Project Benefits |

- Sponsoring meritorious scholarship for students of college/ ITI/Polytechnic etc;
- Stipend to females would continue even after marriage if education continued;
- Organise computer training for the children / youth of weaker section;
- Up-gradation / Renovation of existing schools; and
- Providing water supply, furniture, computers, library, books, school bags, sports kits etc.

- Medical facilities
 - Hospital with complete facilities;
 - Development of primary health centers;
 - Ambulance to take patients to hospital in emergency situation;
 - A mobile medical van to conduct health campaigns;
 - Conducting Vaccination/ Immunization programmes including polio camps;
 - First aid, free medicines, special concessions to the land affected people etc. and
 - Eye camps.


- Drinking water facility
 - Pure and safe drinking water to meet daily household water requirement.

- Sanitation
 - Proper sewerage system will be created and will start Suvidha Public Toilet (SPT) at project site and adjoining villages.

- Vocational training
 - Bakery, Papad and Agarbathi making;
 - Candle making;
 - Computer training;
 - Fashion technology courses;
 - Food preservation;
 - Handicraft;
 - Mushroom cultivation;
 - Organize skill development and vocational training for enabling people to form self help group;
 - Spices grinding and packing;
 - Tailoring embroidery classes to surrounding villagers;
 - Training for girls and ladies of weaker section of society; and
 - Welders.

- Self Employment
 - Self help groups;
 - Income generation schemes; and

- Community welfare/ Panchayat halls
 - Renovation and modernization of existing community/ panchayat halls;

| | |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|  | EIA for the Proposed 30 MW Captive Power Plant at Durgapuram Village, Dachepalli, Guntur District, Andhra Pradesh |
| | Chapter-9 Project Benefits |


- Assistance to Anganwadi centres;
- Provision of solar energy to community/panchayat buildings
- Communication
 - Provision of public telephone booths in each village; and
 - Provision of internet facility in the schools, community / panchayat halls.
- Religious places
 - Keeping in view the religious values of villagers worship buildings as desired will be constructed; and
 - Provision of solar energy in worship buildings.
- Physically challenged
 - Physically challenged persons would be shown avenues of employment by facilitating requisite financial assistance;
 - Organizing camps and suitable training;
 - Formation of self help groups;
 - Organizing sports activities; and
 - Donate wheelchairs

9.3 Estimated Budget

The status of CSR activities are being undertaken in the neighbouring villages of Durga Cement Works as on 28.01.2013. The details of the same are provided in **Table-9.1.**

TABLE-9.1
CSR ACTIVITIES AS ON 28.01.2013

| Sr. No | Name of the Village | Item | Status |
|--------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Pondugala | 1. Medical camp to be held quarterly 2. a) Repair & white-wash of the mandal parishad school b. Improvement in sitting arrangement for students 3. Cutting & cleaning of bushes on both sides of village roads 4. Renovation of Panchayat bhavan & statues of National leaders. 5. Maintenance of street lights | 1. Medical camp held 2.a. Job completed b. Mats provided 3. Job completed 4. Job being taken up 5. Jobs are being taken up wherever required |
| 2 | Bhatrupalem | 1. Medical camp to be held quarterly 2. Cutting & cleaning of bushes on both sides of village roads 3. Repair of CC Roads 4. Drinking water facility 5. Maintenance of street lights | 1. Medical camp held 2. Jobs will be taken up shortly wherever required |
| 3 | Ramapuram | 1. Medical camp to be held quarterly | 1. Two medical camps held |

| | |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|  | EIA for the Proposed 30 MW Captive Power Plant at Durgapuram Village, Dachepalli, Guntur District, Andhra Pradesh |
| | Chapter-9 Project Benefits |

| Sr. No | Name of the Village | Item | Status |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| | | 2. Renovation work in Temple & Church 3. Improvement in sitting arrangement for students in elementary school 4. Cutting & cleaning of bushes on both sides of village roads 5. Repair of CC Roads 6. Maintenance of street lights | 2. Job is being done 3. Mats provided for students 4. Jobs will be taken up shortly 5. Jobs are being taken up wherever required |
| 4 | Srinagar | 1. Medical camp to be held quarterly 2. Cutting & cleaning of bushes on both sides of village roads 3. Repair of CC Roads 4. Maintenance of street lights | 1. Two Medical camps held 2. Jobs will be taken up shortly 3. Jobs are being taken up wherever required |
| 5 | Gamalapadu | 1. Medical camp to be held quarterly 2. Cutting & cleaning of bushes on both sides of village roads 3. Repair of CC Roads 4. Maintenance of street lights | 1. Two Medical camps held 2. Jobs will be taken up shortly 3. Jobs are being taken up wherever required |
| 6 | Durga Public school Situated at Nadikudi, Dachapalli (Mandal) is being run by the company. It is the only one CBSE school that has been there for las 30 years in Guntur district. The children belonging to the surrounding villaes are getting education in out school with nominal fees. Currently classes are run upto 10 th Standar and the same will be upgraded to 12 th soon. We are maintaining quality education without compromise comparable to any good school | 1. We have conducted medical checkup for the students and provided medicines in cases of need 2. The renovation work of school building with model class rooms, toilets and playground for students 3. Pure R.O drinking water is being supplied 4. Laboratory and library renovation work and their apparatus and books are being arranged | Rs. 20.00 laks |
| 7 | Transport for Durga public school | We have carried repairs to the existing bus and additional bus purchased | Rs. 12.00 laksh |

Common Scheme for the three villages of Srinagar, Ramapura & Gamalapadu

This project caters to supply of drinking water to above mentioned villages. As part CSR activities the management of DCW (Jaypee group) is giving Rs. 20,000/- p.m to Srinagar village Panchayat Since July, 2012 towards running & maintenance of various pumps and other facilities under the scheme. So far an amount of Rs.1, 50,085/- has been given to the village Panchayat.

The breakup of budget incurred on CSR activities under taken from the year 2007-10 to 2012-2013 given in **Table-9.2**.

TABLE-9.2
BUDGET BREAKUP OF CSR ACTIVITIES UNDERTAKEN

| Sr. No. | Item | Expenditure incurred during 2007-2010 (Rs. In lakhs) | Expenditure to be incurred during 2012-13 (Rs. In lakhs) |
|--------------|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| 1 | Renovation work in Durga Public School, Nadikudi | 10.55 | 20.00 |
| 2 | Drinking water supply scheme & community development | 27.05 | 2.40 |
| 3 | Assistance in improving health & hygiene | 0.70 | 25.40 |
| Total | | 48.85 | 47.80 |

The proposed activities would be undertaken in phased manner and the budget has been categorised into:

- One time capital expenditure; and
- Recurring annual expenditure.

The total cost of the proposed project will be Rs.135.87 crores. The budgetary allocation for the CSR activities is given in **Table-9.3**.

TABLE-9.3
BUDGET FOR PROPOSED CSR SCHEMES
(Expressed in Lakhs)

| Sr. No. | Activity | Annual expenditure | One time expenditure |
|--------------|-----------------------------------|--------------------|----------------------|
| 1 | Mobile Medical Clinic | 2.00 | 10.00 |
| 2 | Health camps | 1.00 | 3.00 |
| 3 | Education allowance | 2.00 | -- |
| 4 | School up gradation | 0.50 | 5.00 |
| 5 | Vocational courses | 0.50 | 5.00 |
| 6 | Sanitation & Drinking Water | 0.20 | 4.00 |
| 7 | Roads & Drainage | 0.20 | 4.00 |
| 8 | Improvement in electricity supply | -- | 3.00 |
| 9 | Renewable resources | -- | 2.00 |
| 10 | Rainwater harvesting | 0.50 | 4.00 |
| 11 | Community Centers in villages | 0.20 | 4.00 |
| 12 | Cultural and Social events | 0.20 | -- |
| 13 | Exigency Assistance | 3.00 | 5.00 |
| 14 | Woman and child welfare | 0.50 | 5.00 |
| Total | | 10.80 | 54.00 |

The CSR activities under progress are shown in the **Figure-9.1**.

9.4 Improvement in the Social Infrastructure

- Generation of employment: The project will create opportunities for direct and indirect employment;
- Increase in purchasing power and improved standard of living of the area;
- Further development of small and medium scale industries may be developed as consequence;
- Increased revenue to the state by way of royalty, taxes and duties;
- Overall Growth of the neighboring area viz. :
 - Agriculture and animal husbandry;
 - Health and family welfare;
 - Watershed development;
 - Sustainable livelihood and strengthening of village Self Help Groups; and
 - Infrastructure development.

In addition to above, due to increase in purchasing power of local habitants:


- There shall be significant change in the socio-economic scenario of the area;
- The proposed project shall enhance the prospects of employment;
- Recruitment for the unskilled and semiskilled workers for the proposed project will be from the nearby villages;
- The basic amenities viz. roads, transportation, electricity, proper sanitation, educational institutions, medical facilities, entertainment etc will be developed as far as possible; and
- Overall the proposed project will change living standards of the people and improve the socio-economic conditions of the area.

9.5 Employment Potential

The impact of the project on the economic aspects can be clearly observed. The proposed project activities will provide employment to persons of different skills and trades. The local population will be given preference to employment. The employment potential will ameliorate economic conditions of these families directly and provide employment to many other families indirectly who are involved in business and service oriented activities.

The employment of local people in primary and secondary sectors of project shall upgrade the prosperity of the region. This in-turn will improve the socio-economic conditions of the area.

- During construction phase of the project, this project will provide temporary employment to many unskilled and semi-skilled laborers in nearby villages. This project will also help in generation of indirect employment to those

| | |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|  | <i>EIA for the Proposed 30 MW Captive Power Plant at Durgapuram Village, Dachepalli, Guntur District, Andhra Pradesh</i> |
| | <p style="text-align: right;">Chapter-9 Project Benefits</p> |

people who render their services for the personnel directly working in the project; and

- During operational phase, considerable number of people will be benefited by provision of services to the residents. Thus, the direct and indirect employment generation by this project.

The trend of out migration for employment, if any, is likely to be reduced due to better economic opportunities available in the area. Approximately 300 people will be deployed temporarily during construction of the project and about 50 people will be employed during operational stage of the project.



**FIGURE-9.1 (A)
CSR ACTIVITIES
HEALTH - FREE MEDICAL CAMPS AT PONDUGALA**



FIGURE-9.1 (B)
CSR ACTIVITIES
HEALTH - FREE MEDICAL CAMPS AT RAMAPURAM



**FIGURE-9.1 (C)
CSR ACTIVITIES
EDUCATION - PONDUGALA VILLAGE SCHOOL**



FIGURE-9.1 (D)
CSR ACTIVITIES
EDUCATION - DURGA PUBLIC SCHOOL



**FIGURE-9.1 (E)
CSR ACTIVITIES
RAMAPURAM TEMPLE, CHURCH & WATER SUPPLY**