

Monitoring the implementation of environmental safeguards
Ministry of environment & forests
Western Region, Regional Office, Bhopal
MONITORING REPORT
PART - I

DATA SHEET

| Sr. No. | | September, 2015 |
|---------|---|---|
| 1 | Project type: River -Valley/ Mining/ Industry/ Thermal/ Nuclear/ other (specify) | : Lignite Mining |
| 2 | Name of the project | : Ghogha-Surka ,Khadsaliya-I & Khadsaliya-II lignite mining projects |
| 3 | Clearance letter (s)/OM No. and date | : No. J-11015/202/2010-IA.II(M) Dated 24.12.2014 |
| 4 | Location | : Malekvadar, Padva, Badi, Hoidad, Rampar, Surka, Alapar, Thordi, Bhadbhadiya, Khadsaliya, Thalsar, Lakhanka, Morchand |
| | (a) District(s) | : Bhavnagar |
| | (b) State(s) | : Gujarat |
| | (c) Location Latitude / Longitude | : Ghogha-Surka: Latitude: 21°36'00" -21°38'45" N Longitude: 72°11'55" -72°15'00" E Khadsaliya -I: Latitude: 21°31'25" -21°33'15" N Longitude: 72°13'30" -72°14'55" E Khadsaliya -II: Latitude: 21°33'15" -21°36'30" N Longitude: 72°13'40" -72°15'25" E |
| 5 | Address for correspondence | : Gujarat Power Corporation Limited, 6 th floor, Block No. 8, Udyog Bhavan, Sector - 11, Gandhinagar - 382 011 Fax: 079-23251254 |
| | (a) Address of the Concerned Project Chief Engineer(with pin code & telephone/telex / Fax numbers) | : Gujarat Power Corporation Limited, 6 th floor, Block No. 8, Udyog Bhavan, Sector - 11, Gandhinagar - 382 011 Phone No.: 079-232-51255-60 Fax: 079-23251254 |
| | (b) Address of the Executive Project Engineer/Manager (with pin code & telephone/telex / Fax numbers) | : Gujarat Power Corporation Limited, 6 th floor, Block No. 8, Udyog Bhavan, Sector - 11, Gandhinagar - 382 011 Phone No.079-232-51255-60 Fax: 079-23251254 |

| 6 | Salient Features | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--|--|---|--------|---------------|----------------|---------------|----------------|-------|--|--|--|---|---|-------|-------|------|------|---|-----------------------------|-------|-------|-------|--------|---|--------------------------------|--------|-------|-------|--------|---|-------------------------|--------|--------|-------|--------|--|--|--------|--------|--------|--------|
| | (a) Of the project | : | Chapter -2, Project Description & page no. 3.83 - Integrated EIA/EMP report | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (b) Of the Environmental Management Plans | : | Chapter 5, Environment Management Plan-Integrated EIA/EMP report | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Break up of the project area | | (i) Ghogha Surka Mining Lease Area:1355 hectares, (ii) Khadsaliya-I Mining Lease Area: about 712 hectares, (iii) Khadsaliya-II Lignite Block: about 914 hectares. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (a) Submergence area: forest & non forest | : | Not applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (b) Others | : | Barren land | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Break up of the project affected population with enumeration of those losing houses /dwelling units only, agricultural land only, both dwelling units & agricultural land & landless labourers /artisans. | | The total number of families affected by these projects is 666. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (a) SC, ST /Adivasis | : | SC/ST-09, Adivasis- Nil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey) | : | 657 Excluding SC/ST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Financial details: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (a) Project cost as originally planned and sub-sequent revised estimates and the year of price reference | : | Project cost of: Ghogha-Surka: 263.28 Crores Khadsaliya-I: 157.97 Crores Khadsaliya-II: 197.46 Crores as on Sept,2013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (b) Allocation made for environmental management plans with item wise and year wise break-up | : | <table border="1"> <thead> <tr> <th rowspan="2">Sr. No</th> <th rowspan="2">Expenses Head</th> <th>Ghogha-Surka</th> <th>Khadsaliy a-I</th> <th>Khadsaliya -II</th> <th rowspan="2">Total</th> </tr> <tr> <th colspan="3">In first production year (amount in Rs. Lakhs) *</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Safety & Hospital (Occupational Health)</td> <td>22.22</td> <td>17.38</td> <td>9.50</td> <td>49.1</td> </tr> <tr> <td>2</td> <td>Green Belt Maintenance exp.</td> <td>77.80</td> <td>60.85</td> <td>33.22</td> <td>171.87</td> </tr> <tr> <td>3</td> <td>Pollution Control & Monitoring</td> <td>114.84</td> <td>89.83</td> <td>49.04</td> <td>253.71</td> </tr> <tr> <td>4</td> <td>Back filling/Plantation</td> <td>155.57</td> <td>121.72</td> <td>66.44</td> <td>343.73</td> </tr> <tr> <td></td> <td></td> <td>370.43</td> <td>289.78</td> <td>158.20</td> <td>818.41</td> </tr> </tbody> </table> <p>* About balance 1017 ha pvt. land is still under acquisition as per new Land Acquisition Act.</p> | Sr. No | Expenses Head | Ghogha-Surka | Khadsaliy a-I | Khadsaliya -II | Total | In first production year (amount in Rs. Lakhs) * | | | 1 | Safety & Hospital (Occupational Health) | 22.22 | 17.38 | 9.50 | 49.1 | 2 | Green Belt Maintenance exp. | 77.80 | 60.85 | 33.22 | 171.87 | 3 | Pollution Control & Monitoring | 114.84 | 89.83 | 49.04 | 253.71 | 4 | Back filling/Plantation | 155.57 | 121.72 | 66.44 | 343.73 | | | 370.43 | 289.78 | 158.20 | 818.41 |
| Sr. No | Expenses Head | Ghogha-Surka | Khadsaliy a-I | | | Khadsaliya -II | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | In first production year (amount in Rs. Lakhs) * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Safety & Hospital (Occupational Health) | 22.22 | 17.38 | 9.50 | 49.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Green Belt Maintenance exp. | 77.80 | 60.85 | 33.22 | 171.87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Pollution Control & Monitoring | 114.84 | 89.83 | 49.04 | 253.71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | 370.43 | 289.78 | 158.20 | 818.41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (c) Benefit cost ratio/Internal rate of Return and the year of assessment | : | 7.5% of the lignite of production cost (Subject to approval of GUVNL, GoG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (d) Whether (c) include the cost of environmental management as shown in the above. | : | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (e) Actual expenditure incurred on the | : | About 100 Crores | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|----|--|---|---|
| | project so far | | |
| | (f) Actual expenditure incurred on the environmental management plans so far | : | about 5.0 Crores |
| 10 | Forest land requirement | : | Not required |
| | (a) The status of approval for diversion of forest land for non-forestry use | : | Not applicable |
| | (b) The status of clearing felling | : | Not applicable |
| | (c) The status of compensatory afforestation, if any | : | Not applicable |
| | (d) Comments on the viability & sustainability of compensatory afforestation Program in the light of actual field experience so far | : | Not applicable |
| 11 | The status of clear felling in non-forest areas (such as submergence area or reservoir, approach roads), if any with quantitative information required | : | Not applicable |
| 12 | Status of construction (Actual &/or planned) | | |
| | (a) Date of commencement (Actual and / or planned) | : | November, 2015 (Planned) |
| | (b) Date of completion (Actual and/ or planned) | : | After 25 years of Mining start (Planned) |
| 13 | Reason for the delay if the project is yet to start | : | Lignite projects are exclusively dedicated for supplying lignite to 480+MW pit head power plant at Padva. Delay in implementation of power plant is directly linked to delay in the production of lignite. However, the power plant is likely to be commissioned in June, 2015. |

Softman

Signature of the project in charge

