

Socio-Economic Environment

of

Orion Power Dhaka Unit-2 (635MW) project

at

Munshiganj, Dhaka



Prepared By:



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1.0 Socio-Economic Environment

As part of the Environmental & Social Impact Assessment (ESIA) of the proposed Power Plant project, an environmental baseline study was carried out in areas surrounding the project site i.e. Char Bolaki Village. This has been done on the basis of several surveys around the locality as well as Gozaria Upozila Profile. Bangladesh Bureau of Statistics (BBS), Banglapedia, concerned books and periodicals were also consulted.

1.1 Administrative Areas

Gozaria Upozila is in the Munshiganj district with an area of 130.92 square km. It being a Delta in the river 'Meghna' totally surrounded by it and separated from its district head quarter Munshiganj. Two bridges connect it with the mainland one in the west known as the 'Meghna Bridge' connecting Sonargaon Upozila and the other at the East known as 'Meghna-Gomotee Bridge' connecting Daudkandi Upozila. It has a branch river known as 'Kajali River' flowing through the Upozila and these river surroundings rendered Gozaria Upozila picturesque beauty, making it a tourist destination of the country. Gozaria Upozila has well road communications and only 45 minutes is required to reach Gozaria Upozila Zero point, either by private or public transport. Now-a-days each and every village of Gozaria, excepting Guagachia union, is reachable by road transport. Guagachia union is only reachable through water route.

1.1.1 Land Use

Total Cultivable land is 7430 hectares, Fallow land-24 hectares; Single crop land-45%, Double crop land-45%, Triple crop land-10%. Cultivable land of under irrigation is 29%.

1.2 Demographic Characteristics of the Project Area

1.2.1 Population

As of the 1991 Bangladesh census, Gozaria has a population of 128368. Males constitute 51.05% of the population, and females 48.95%. This Upozila's eighteen up aged population is 62078. Muslim 96.46%, Hindu 3.44%, Christian 0.026%, Buddhist 0.017% and others 0.057%. There exists communal harmony in Gozaria Upozila. Durga Puja as well as all the Muslim festivals, including Eid-UI-Fitr is observed and enjoyed in harmonious atmosphere.

1.2.2 Main sources of Income

Agriculture 44.63%, non-agricultural laborer 1.72%, industry 0.40%, commerce 17.02%, transport and communication 3.49%, service 6.80%, construction 1.52%, religious service 0.21%, rent and remittance 2.25% and others 21.96%.

1.2.3 Literacy

According to the Banglapedia the study area has an average literacy rate of 54.4%. The literacy rate among the town people is 66.4% and in Hosseindi Union it is 54.04%.

1.3 Utility Services in the Project Area

1.3.1 Sources of Drinking Water

Tube-well 87.67%, tap 0.41%, pond 1.54% and others 10.38%. The presence of arsenic has been detected in 87% shallow tube-well of the Upozila. As per a survey conducted in 2001 about 103 patients have been affected by arsenic contaminated diseases in the Upozila.

1.3.2 Electricity

All the unions of the Upozila are under rural electrification net-work. However 27.85% of the dwelling households have access to electricity.

1.3.3 Sanitation

38.35% (rural 36.17% and urban 82.34%) of dwelling households of the Upozila use sanitary latrines and 54.86% (rural 56.94% and urban 12.90%) of dwelling households use non-sanitary latrines; 6.79% of households do not have latrine facilities.

1.3.4 Waste Disposal

There are some facilities for garbage or hazardous waste dumping in each municipality area of the district. Such facilities are also available in the project area.

1.4 Ethnic and Religious composition of the Population in the Project Area

The majority of the population in the Gozaria Upozila is Muslim 96.46% followed by Hindus (3.44%), Christian (0.026%), Buddhist (0.017%) and others 0.01%. In Hosseindi Union, most of the people are Muslim. There are no indigenous people in the project area.

1.5 Archaeological Heritage and Relics

There is no such kind of heritage of relics is available.

1.6 Stakeholder Consultation

Stakeholder consultation is a means of involving all primary and secondary stakeholders in the project's decision-making process in order to address their concerns, improve project design, and give the project legitimacy. Stakeholder consultation, if conducted in a participatory and objective manner, is a means of enhancing project sustainability.

Community input (both of knowledge and values) on socioeconomic and environmental issues can greatly enhance the quality of decision-making. Stakeholder consultation was therefore conducted in the project area not only to satisfy the legal requirements of the EIA process in Bangladesh but also to improve and enhance the social and environmental design of the project.

1.6.1 Objectives of Stakeholders Consultation

The process of public participation and consultation was endorsed in the United Nations Conference on the Environment and Development (UNCED) in 1992 through one of the key documents of the Conference Agenda 21. Agenda 21 is a comprehensive strategy for global action on sustainable development and deals with issues regarding human interaction with the environment. It emphasizes the role of public participation in environmental decision-making for the achievement of sustainable development.

For projects that have environmental and social impacts, consultation is not a single conversation but a series of opportunities to create understanding about the project among those it will likely affect or interest, and to learn how these external parties view the project and its attendant risks, impacts, opportunities, and mitigation measures. Listening to stakeholder concerns and feedback can be a valuable source of information that can improve project design and outcomes and help a company to identify and control external risks. It can also form the basis for future collaboration and partnerships. For stakeholders, a company's consultation process is an opportunity to get information, as well as to educate company staff about the local context in which a project will take place, to raise issues and concerns, ask questions, and potentially help shape the project by making suggestions for the company to consider and respond to.

Through the public consultation process, the project authority hopes to:

- Promote better understanding of the project, its objective, and its likely impact.
- Identify and address concerns of all interested and affected parties of project area.

- Provide a means to identify and resolve issues before plans are finalized and development commences, thus avoiding public anger and resentment and potentially costly delays.
- Encourage transparency and inculcate trust among various stakeholders to promote cooperation and partnership with the communities and local leadership.

1.6.2 Consultation Process

Primary stakeholders were consulted during informal and formal meetings held in the project area. The consultation process was carried out in the Bangla language. During these meetings a simple, non-technical, description of the project was given, with an overview of the project's likely human and environmental impact. This was followed by an open discussion allowing participants to voice their concerns and opinions. In addition to providing communities with information on the proposed project, their feedback was documented during the primary stakeholder consultation. The issues and suggestions raised were recorded in field notes for analysis, and interpretation.

By reaching out to a wider segment of the population and using various communication tools—such as participatory needs assessment, community consultation meetings, focused group discussions, in-depth interviews, and participatory rural appraisal—ESIA involved the community in active decision-making. This process will continue even during construction and operation phase of the project to create consensus among stakeholders on specific environmental and social issues raised in the context of proposed project.

Secondary stakeholder consultations were more formal as they involved government representatives and local welfare organizations consulted during face-to-face meetings and through telephonic conversations. They were briefed on the EIA process, the project design, and the potential negative and positive impact of the project on the area's environment and communities.

It was important not to raise community expectations unnecessarily or unrealistically during the stakeholder consultation meetings in order to avoid undue conflict with local leaders or local administrators. The issues recorded in the consultation process were examined, validated, and addressed in the EIA report.

1.6.3 Stakeholder Consultation Technique

In recognition of the diversity of views within any community, it is very important to obtain a clear understanding of the different stakeholders and to analyze their capacity and willingness to be involved in some or all of the project and its planning process. It is important to be aware of how different power relations can distort participation. It is also

important to examine how community skills, resources, and 'local knowledge' can be applied to improve project design and implementation. All of this can be achieved by careful use of the various tools of Stakeholder Consultation. Therefore, the following participatory technique was employed during stakeholder consultation:

- Informal meetings with communities in surrounding areas. Men and local elders attended these meeting.

1.6.4 Stakeholders Consulted

In the consultation process for ESIA, following key stakeholders were consulted:

- Local communities, Men, women and local elders attended meetings.
- Local Government & NGO representatives

Meetings with stakeholders consisted of community consultation meetings, focus group discussions, and in-depth interviews with men and limited focus-group discussions with women. The consultation was conducted to cover the 20% household within 2 KM radius of the plant project.

There was also a formal public consultation meeting that was help in the project site. The public consultation meeting was announced through formal notices and newspaper advertisement. The advertisement was published in the two national daily newspapers in Bangla and English. The location of the meetings, the process followed, and the outcomes are discussed in this section.

1.6.5 Stakeholder Concerns and Recommendations

The findings of the Community consultations are given in Table 1.3. All these have been addressed in various sections of the ESIA, and the mitigation plans have been incorporated into the EMP. The summary of the various stakeholder consultations is given below.

1.6.6 Community Concerns

Project Approval

The community consultations demonstrated that goodwill towards the project proponents indeed exists; approval for project activities by the communities was evident. The consultations were *considered* a good gesture and appreciated, especially by the men and women. The poverty level is such that communities are looking to any project proponent to improve their financial well-being to a great extent. OPDL

recognizes that benefits from the project should be distributed judiciously and equitably especially among primary stakeholders in the project area, and will continue to ensure that this principle is followed in its projects and community development program.

Resettlement/ Relocation

The proposed site of Orion Power Dhaka Unit-2 is at Munshiganj. The proposed power plant site is situated in the land of Orion group that was owned by them. There was no household inside the land. Therefore, physical relocation/resettlement issue is not applicable for the proposed project.

Local Employment

Communities in the project area emphasized that local people should be given priority when employing people for various project-related works and activities according to their skills.

Compensation

As the proposed power plant site was owned by Orion group, there is no private land owners fall in the project site. So no compensation regarding land ownership has been paid by the OPDL to the local people.

Interaction with Local Community

Non-Local work force to be engaged in the project may not be aware of the local customs and norms, it may result conflicts with the local community, particularly in some benefit sharing issues. Keeping in mind of the sensitive issues and culture of the area law and order situation will be kept quiet by taking help of the local administration and LGI.

Impact on Livelihood

The communities also expressed some fear that construction process would disturb their cattle and that their livestock might get hurt or run away or die accidental death due to construction process. Scope of livelihood of the local people will be increased due to job and business/sub-contract opportunities to be created in the project.

1.6.7 Local Government Representatives

The consultations were considered a good gesture and appreciated. They also expressed the jobs and business opportunities for the local community will be increased due to project activities. They also expressed the concern that most of the unskilled and skill jobs should be reserved for the local communities.

1.6.8 Stakeholder consultation participants and Recommendations

1.6.8.1 Public Consultation with Focused Group Discussion (FGP)

FGD carried out near the project site. The FGD covered the Chor Bolaki Village, which is situated in between 2KM radius, on 01.09.2016. On that day two separate FGDs were done with officials of Pirojpur Union Parishad and Hossendi Union Parishad. The participants and the picture of the FGD are given below:

Table 1.1: Participants (Project Affected People) in the different FGD meeting:

Name of the Participant	Sex	Age	Occupation	Contact Number
Mr. Mahfuz Member	Male	70	Retired	01819062868
Md. Amanullah Sarker	Male	70	Business	01816151132
Shahin Jamadar	Male	28	Unemployed	01838395785
Md. Din Islam	Male	45	Fishing	01874902324
Md. Ismail Hossain	Male	60	Retired	01876362043
Abdussalam Mia	Male	60	Retired	01830008658

1.6.8.2 Public Consultation Meeting after Newspaper Advertisement:

A formal Public Consultation was held on 13.10.2016 in the project site with the presence of local people, NGOs, OPDL authorities, local leaders and govt. representatives. The meeting was very much lively with the presence of all sorts of people.

The participants and the picture of the Public Consultation Meeting are given below:

Table 1.2: Participants in the public consultation meeting:

Name of the Participant	Address	Sex	Age	Occupation	Contact Number
Md. Hafiz Uddin	Korbanpur	Male	35	Imam	01835906247
Md. Hridoy	Goalgoan	Male	20	Student	01834230727
Md. Sohel	Mangalergoan	Male	34	Business	01827621448
Md. Harunor Rashid	Mangalergoan	Male	38	Expatriate	01883021718
Md. Zahangir Alam	Mangalergoan	Male	35	Business	01813374729
Md. Zakir	Bhanipur	Male	36	Business	01811514602
Md. Zahid Ali	Mangalergoan	Male	60	Retired	01988090720

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Md. Swapan	Vitikandi	Male	35	Business	01843439946
Parvez Mia	Boromuronpur	Male	20	Mason	01882387840
Md. Saiful Islam	Hossendi	Male	20	Student	01882410747
Enamul Haque	Goalgaon	Male	24	Business	01857201170
Md. Sozon	Korbanpur	Male	19	Student	01882532167
Md. Masud	Bhanipur	Male	28	Student	01875719228
Shohidul Islam	Najir Char	Male	19	Student	01879886511
Md. Shahidul Islam	Gazaria	Male	20	Private Service	01714338132
Kamrul Islam	Asharia Char	Male	44	Business	01705677200
Kamal Mia	Protabnagar	Male	42	Business	01681469932
Sirajul Islam	Jhau Char	Male	30	Private Service	01822840050
Musa Sikder	Naya Char	Male	35	Business	01782690688
Md. Monir	Jhau Char	Male	32	Business	01682672315
Md. Ashraf	Asharia Char	Male	41	Business	01677303330
Md. Rezaul Islam	Shiddhirganj	Male	28	Private Service	01918399187
Md. Jhoni	Goalgaon	Male	20	Private Service	01868802881
Md. Nayeem	Protabnagar	Male	23	Business	01960898111
Md. Kamal Hossain	Jhau Char	Male	40	Business	01962804378
Md. Anwar Hossain	Jhau Char	Male	38	Business	01818830035
Md. Nur Alam	Jhau Char	Male	41	Business	01946998011
Md. Ripon Mia	Protaber Char	Male	38	Business	01712211621
Md. Abul Hossen	Jhau Char	Male	41	Business	01946100181
Md. Mohiuddin Molla	Natun Char	Male	42	Business	01819055873
Md. Firoz Molla	Natun Char	Male	43	Business	01878196480
Md. Kayes	Gajaria	Male	28	Business	01787696180
Md. Raja Mia	Ganganagar	Male	52	Business	01837067046
Md. Amjad Hossain	Ganganagar	Male	35	Business	01714619426
Touhidul Hoque	Mirpur-2	Male	36	Private Service	01717989469
Kamrul Hossain	Rupnagar	Male	42	Private Service	01711539268
Md. Sadek Hossain	Gajaria	Male	40	Private Service	01714821445
Md. Yousuf Ali	Korbanpur	Male	24	Private Service	01851582111
Md. Salek	Korbanpur	Male	21	Private Service	01821333535
Abu Saeed	Nagergoan	Male	34	Business	01916812834
Md. Anisur Rahman	Kadergoan	Male	36	Business	01814129064
Md. Shamim	Protabnagar	Male	36	Business	01984532096
Md. Mostafiz Miah	Dhaka	Male	36	Private Service	01719115510
Misbah Uddin	Protabnagar	Male	49	Private Service	01971717771
Md. Shahin Alam	Protabnagar	Male	38	Business	01817573126
Md. Billal Hossain	Protabnagar	Male	40	Business	01881040603
Md Abu Saeed	Kadergoan	Male	28	Business	01811289911
Md. Pia Sarkar	Gazaria	Male	26	Business	01815228092
Ayub	Hosendi	Male	36	Business	01830531112
Habibur Rahman	Mongolergoan	Male	55	Business	01835987001
Ibrahim	Mongolergoan	Male	33	Business	01938963200
Md. Alauddin	Mongolergoan	Male	42	Business	01812820345
Md. Abul Hossain	Mongolergoan	Male	48	Business	01827382823

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Babul Hossain	Dudghata	Male	45	Business	01811241821
Md. Asek Alauddin	Dudghata	Male	64	Business	01717316775
Md. Akter Hossain	Hosendi	Male	45	Business	01855314600
Md.Riyad Hossain	Vatibalaki	Male	34	Business	01814252613
Abu Hanifa	Megnaghat	Male	36	Business	01819824132
Abu Hanif	Megnaghat	Male	36	Business	01813057086
Md. Monir Hossain	Mongoler Gao	Male	40	Business	01813363500
Noyon Miya	Dudghata	Male	45	Farming	01819845625
Md. Badsha	Dudghata	Male	44	Business	01819423911
Md. Abdul Motin	Hosendi	Male	57	Business	01716533575
Masud	Vobanipur	Male	36	Business	01759172278
Md. Kazi Juwel	Vobanipur	Male	34	Business	01829022075
Md. Mostofa	Jamaldi	Male	36	Business	01815061969
Md. Deloyar	Vobanipur	Male	24	Business	01823545798
Md. Rabiul	Vobanipur	Male	20	Business	01846630968
Md. Sohid Prodhan	Bausiya	Male	35	Business	01816369120
Md. Riyazul Hoque	Vobanipur	Male	23	Business	01820045089
Md. Rana	Vobanipur	Male	25	Business	01829835319
Md. Sojib	Vobanipur	Male	21	Business	01710899754
Md. Salauddin	Vobanipur	Male	26	Business	01944500781
Md. Hridoy	Vobanipur	Male	30	Fishing Business	01874902218
Md. Hosen Mintu	Hatirpul	Male	53	Business	01711660384
Md.Habibulla Khan	Hosendi	Male	33	Business	01920007167
Md. Josim Uddin	Baluyakandi	Male	50	Business	01824446421
Hazi Md. Alom Chan	Sonargaon	Male	44	Farming	01911770969
Abdul Hai Sarkar	Hosendi	Male	50	Fishing Business	01819431996
Moklesur Rahman	Hosendi	Male	45	Retired Service	01721720976
Shek Nazrul	Gozaria	Male	40	Retired Service	01811180172
Mohiuddin Ahmed	Gozaria	Male	40	Farming	01911672484
Md. Amirul Islam	Gozaria	Male	40	Fishing Business	01816815069
Md. Jakir Hossen	Gozaria	Male	50	Fishing Business	01843842829
Md. Mokbul Hosain	Jugantor	Male	49	Journalism	01811715778
Forid	Chorbalaki	Male	27	Fishing Business	N/A
Ripon	Chorbalaki	Male	27	Business	N/A
Alamin	Chorbalaki	Male	29	Business	N/A
Arif	Chorbalaki	Male	25	Farming	N/A
Litu Anam	Balaki	Male	48	Fishing Business	01828211492
Monir	Balaki	Male	58	Retired Service	01832916865
Iqbal	Balaki	Male	25	Student	01821941862
Raqibul Islam	Chorbalaki	Male	16	Student	01840949620
Md. Nahid Hasan	Chorbalaki	Male	18	Student	01883689506
Saiful	Chorbalaki	Male	15	Student	01852249478
Mahid	Chorbalaki	Male	38	Farming	N/A
Saidur Haqe	Chorbalaki	Male	22	Student	N/A
Md. Saidur	Chorbalaki	Male	25	Student	N/A
Hazrat Ali	Chorbalaki	Male	22	Student	N/A

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Mojibor Member	Mongoler Gao	Male	50	UP member	01718695395
Haji Md. Jahangir Alam	Dudhghata Purbapara	Male	45	Business	01863175318
Md. Delowar Hossain	Mongoler Gaon	Male	44	Business	01815439584
Abul Kashem	Vabanipur	Male	55	Business	01816069224
Md. Sirajul Islam Siraj	Mongoler Gaon	Male	34	Business	01817500665
Md. Najrul Islam	Hossaindi	Male	38	Business	01866668008
Md. Al Amin	Jhauchor	Male	32	Business	01973050222
Jahirul Islam Jahir	Gazaria	Male	35	Chhatra League Member (Ex)	01818798570
Jaman	Hossaindi	Male	40	Farmer	01817581020
Md. Mominul Haque Titu	Hossaindi	Male	45	Business	01728340940
Md. Alauddin	Hossaindi	Male	69	Retired	01717244074
Md. Khabirul Alam	Hossaindi	Male	46	Headmaster	01819038852
Arun Kumar	Orion Power, Dhaka	Male	46	Service	01708456486
Dr. Nasir Uddin Khan	Mohammadpur, Dhaka	Male	50	Consultant, MD	01732043061
Syeed Md. Lutfullah	Orion Power, Dhaka	Male	67	Management	01755607448
Quazi Md. Ziaul Haque	OPDL-2, BPDB	Male	53	PD, Engineer	01713202847
Md. Mosharraf Hossain	Orion Power	Male	56	Engineer	01713331312
Md. Mahbubul Haque	Hossaindi	Male	54	UP Chairman	01713037552
Masudur Rahman Masum	Pirijpur	Male	40	UP Chairman	01836412121
Md. Shah Alam	Hossaindi	Male	49	Businessman	01715822513
Md. Manirul Haque Mithu	Bhabanipur	Male	39	Ex-Chairman	01711987171
Dr. Somnath Mukharjee	AECOM-INDIA	Male	64	Executive Director	8826010044
Ajay Pillai	AECOM-India	Male	38	Assistant Director	9891086247
Md. Golam Mostafa	Orion Group	Male	42	Adviser	01711405108
Mehedi Islam Aneek	Orion Group	Male	27	Engineer	01552402427
Md. Ilias Khan	Orion Group	Male	28	Service	01717614219
Md. Afzal Khan	Orion Group	Male	43	Service	01713331316
Monirul Kabir Biswas	Orion Group	Male	34	Service	01711441441
Md. Saddam Hossen	Orion Group	Male	24	Service	01715369151
Md. Saiful Islam Mridha	Charbalaki	Male	26	Business	01830008658

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Md. Giasuddin	Charbalaki	Male	60	Business	01740587865
Haji Mahabub Alam Shiplu	Sajrea	Male	45	Business	01832876287
Roven Hossain	Sajrea	Male	42	Business	01819063914
A.M.M. Masud Prodhan	Balaky	Male	50	Business	01855588866
Md. Khalid Hassan	Vait Balaky	Male	24	Student	01938350578
Md. Masud Pathan	Hossaindi	Male	40	Business	01835376149
Md. Al Mamun	Vabanipur	Male	22	Business	01825808903
Mofizul Islam	Hossaindi	Male	23	Student	01818597843
Jabed	Hossaindi	Male	26	Student	01719376342
Rubel	Hossaindi	Male	19	Student	01864714222
Shariful Islam	Vabanipur	Male	22	Service	01835807877
Aiyub	Korbanpur	Male	30	Unemployed	01834156066
Minnat Shah	Goalgaon	Male	30	Business	01837385807
Md. Saidur	Hossaindi	Male	28	Business	01883430867
Md. Harun	Hossaindi	Male	20	Business	01829203384
Md. Jahid Hasan	Hossaindi	Male	25	Doctor	01874220676
Md. Riazul	Hossaindi	Male	22	Business	01846734402
Md. Uzzal Hossain	Char Balaki	Male	21	Student	01827028040
Shamim	Vabanipur	Male	21	Business	01708992347
Noman	Vabanipur	Male	23	Business	01834018293
Sahin Sharkar	Gazaria	Male	19	Student	01814751553
Suman	Vabanipur	Male	32	Business	01829203322
Hojot Ali	Char Balaki	Male	55	Service	01881812350
Dhonu jomachar	Char Balaki	Male	65	Business	01820300659
Saiful Islam	Char Balaki	Male	19	Student	01959764150
Oasim Reza	Char Balaki	Male	20	Business	01830509228
Rakibul Hasan	153-154 Tejgaon,Dhaka	Male	27	Service	01670060407
Sumon	Hossaindi	Male	32	Business	01817570003
Md.Ali Mia	Jhauchor	Male	82	Business	01811793997
Mohd.Nazim	Dhaka	Male	46	Business	0156344141
Eng.Ali	Narayangonj	Male	42	Engineer	01819439093
Md.Jahid Hasan Babu	Meghnaghat	Male	26	Business	01675835680
Md.Asif Ahmed Abid	Meghnaghat	Male	26	Business	01671349260
Suru gomiru	Char Balaki	Male	70	Business	N/A
Md.Monir Hossain	Char Balaki	Male		Business	0194941943
Nur Alom	Char Balaki	Male	20	Business	0186310759
Md.Mehedi Hasan	Char Balaki	Male	19	Business	01945569953
Md.Rahman	Munshiganj	Male	35	Journalist	01999924300
Saiful Islam Kajal	Munshiganj	Male	45	Journalist	01913560175
Ripon Molla	Gazaria	Male	35	Journalist	01716921298
Md.Nurun Nabi	Meghnaghat	Male	43	Journalist	01712118793
Monju Mia	Char Balaki	Male	60	Business	01834155915
Md.Mahfuz Mia	Char Balaki	Male	62	Business	01852249493

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Kamal	Char Balaki	Male	44	Business	01814751453
Nuru Mia	Char Balaki	Male	60	Business	N/A
Badal	Char Balaki	Male	35	Business	N/A
Md.Deen Islam	Kajir gaon	Male	34	Business	01850859542
Md.MarJan	Pachani	Male	32	Business	01813860815
M.A Salam Vuiya	Mongler Gaon	Male	36	Business	01830531153
Md.Sayed Anower	Hossaindi	Male	22	Business	01863461200
Azizul Haque	Roghur Chsr	Male	19	Student	01864716070
Zahidul Islam	Bhabani pur	Male	20	Student	01625696646
Rifat Hossain	Bhabani pur	Male	21	Student	01874907692
Soikat Hossain	Hossaindi	Male	17	Student	01862718255
Riaz Uddin	Hossaindi	Male	19	Student	01840949339

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মঙ্গলবার, ২৭ সেপ্টেম্বর ২০১৬

মত বিনিময় সভা

ওরিয়ন পাওয়ার ইউনিট-২ ঢাকা লিঃ (৬৩৫ মেগাওয়াট কয়লা ভিত্তিক আল্ট্রা সুপার-ক্রিটিকাল তাপ বিদ্যুৎ প্রকল্প) এর পরিবেশগত সমীক্ষা প্রতিবেদন (ই আই এ) প্রণয়নের অংশ হিসেবে আগামী ১৩ অক্টোবর, ২০১৬ বৃহস্পতিবার, বেলা ১১ টায় নারায়নগঞ্জ জেলার সোনারগাঁও উপজেলাস্থ মেঘনাঘাটে অবস্থিত ওরিয়ন পাওয়ার মেঘনাঘাট লিঃ সংলগ্ন মাঠে এক মত বিনিময় সভার আয়োজন করা হয়েছে।

উক্ত সভায় সংশ্লিষ্ট সকলের অংশগ্রহণ কামনা করছি।

অনুরোধক্রমে
কর্তৃপক্ষ
ওরিয়ন পাওয়ার ইউনিট-২ ঢাকা লিঃ
১৫৩-১৫৪, তেজগাঁও শিল্প এলাকা, ঢাকা-১২০৮

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PUBLIC CONSULTATION MEETING

As part of the Environmental Impact Assessment (EIA) of Orion Power Unit-2 Dhaka Ltd. (a 635 MW Coal Based Ultra Super-Critical Thermal Power Project), a public consultation meeting has been arranged at the adjacent field of Orion Power Meghnaghat Ltd. at Meghnaghat, Sonargaon, Narayanganj on Thursday, October 13, 2016 at 11.00 am.

All interested parties and relevant stakeholders are requested to attend to exchange views.

By the order of
Orion Power Unit-2 Dhaka Ltd.
153-154, Tejgaon Industrial Area, Dhaka -1208

Figure 1.1: Photographs of newspaper advertisement for Public Consultation Meeting



Figure 1.2: Photographs of Public Consultations through FGD



Figure 1.3: Photographs of Public Consultations after newspaper advertisement

Table 1.3: Concerns Raised by the Communities during Stakeholder Consultations

Issues	Concern Raised by the Community	Communities' Remarks
Employment	Provision of semi-skilled and unskilled jobs for the local labor	Maximum unskilled jobs should be allocated to the locals.
Livelihood	Restriction of livestock grazing and accidental killings of livestock	Grazing and vegetation areas should be protected and speed of vehicles should be limited to avoid accidents
Compensation	Several kinds of losses or damages may happen due to the construction and operational purpose	Project authority should ensure the proper guideline for compensation purpose.
Repair of local roads	Existing road may be damaged by construction activity	There is still unavailability of good transport system. Project authority ensures that they will develop a good transportation system.
Health check up	Provision of health check-up of school student	OPDL should arrange health checkup for school students in a regular basis

Concerns of the speakers during Stakeholder Consultations:

- 1) Dr. Somnath Mukharjee, Executive Director (Environment), AECOM:
 - Briefing on technical Features and the environmental impact of the project.
 - The superiority of coal based power plants over other kind of fossil fuel power plants.
- 2) Engr. Quazi Md. Ziaul Haque, Project director ,OPDL-2; Manager (Maintenance), BPDB:
 - Abundance of coal based power plants in the rest of the world including Russia and India
 - How India in utilizing the sludge that are being produced from their coal power plants. They made a park from the sludge and increased tree plantation in the surrounding area.
 - In the 1950s, the development of a country was determined by how much Sulfuric acid was used per capita. But now a days, mostly, it's determined by per capita electricity consumption.
- 3) Dr. Nasir Khan, Managing Director, Adroit Environment Consultants Limited:
 - Talked about how the power plant will use water from the environment to cool down the steams in the plant and it isn't, by any means, a major treat for the environment.
 - Overall environmental impact is quite low and the electricity, that will be produced, will contribute to the national grid to a great extent.
- 4) Md. Kabirul Haque, Headmaster, Hossendi High School:
 - Talked about how the government has improved the power sector and for the sake of development, why we need more.
- 5) Alauddin, Ex Headmaster, Hossendi High School:
 - We need more power as the technology advances.
 - The project will contribute to the overall advancement of the surrounding society.
- 6) Monimul Haque Mithu, Former Chairman, Hossendi Union Parishad:
 - Coal Powered electricity is more efficient than natural gas
 - Neither solar panel nor furnace oil is efficient enough to meet our need

- Demanded to have trees planted inside and around the project area
 - Demanded recruitment of labor from surrounding area to decrease unemployment and to compensate for people's acquired land.
- 7) Engr. Masudur Rahman Masum, Chairman, Pirojpur Union Parishad:
- 1900 MW of power generation has been planned in this area. 3000-5000 MW more has been planned to be produced in future. Government has provided so many opportunities for private electricity sector.
 - The project must provide jobs for the people around this area.
- 8) Md. Mahbulul Haque Majnu, Chairman, Hossendi Union Parishad:
- People here lost their lands which caused them so much sufferings
 - Government has improved the power sector but natural gas is limited. That's why coal based power plant is necessary for much more power generation.
 - Demanded bridges and roads to improve communication of the area around the project.
 - Jobs must be created as land is limited
- 9) Mosharraf Hossain, Senior Vice President, Coal Business Development, Orion Group:
- Mentioned some statistics to shed some light on the energy consumption of Bangladesh compared to other countries. USA uses 66% more electricity than Bangladesh. To develop GDP, increase in power generation is essential.
 - Projected total electricity production in 2030 by Bangladesh government is 40000 MW. 50% of it will be coal based power.
 - Ultra supercritical technique will use less coal and generate more electricity.
 - 95% reduction of sulfur has been achieved and the pollution control technology will be of high quality. 99.9% of Ash will be eliminated by backfilter technology.
 - Coal is cheaper than other fuel sources.
 - Schools, playgrounds, drinking water, roads and bridges will be provided. Request for roads has been already submitted to the government.