

Initial Environmental Examination

June 2017

IND: Green Energy Corridor and Grid Strengthening Project

(320 kV VSC-HVDC power transmission lines between Pugalur, Tamil Nadu and North Trichur, Kerala)

Annexures 6–8

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ANNEXURE – 6

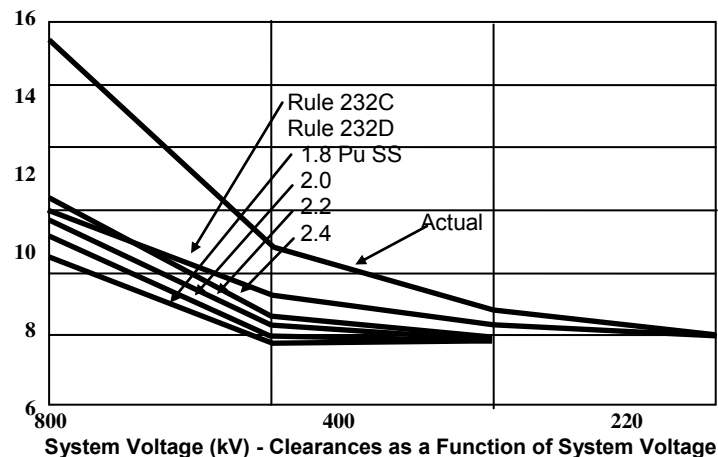
REPORT OF PTI ON EMF

ELECTRO-MAGNETIC FIELD

Power Technologies, Inc. has been requested to review POWERGRID's 132 KV, 220 KV, 400 KV and 800 KV lines with respect to conductor to ground, phase to phase and circuit to circuit clearances and their appropriateness in light of present practice.

Based on a review of POWERGRID's designs, we find that the phase to phase and circuit to circuit clearances are consistent with practices used for line clearances throughout the world. The values used by POWERGRID are generally in the middle range of that used throughout the world and are expected to provide satisfactory performance.

The conductor to ground clearances are within typical limits and meet or exceed the requirements of the National Electrical Safety Code, American National Standard Institute, C2, as shown on Figure.



Analysis of POWERGRID Transmission Line Clearances

The analysis was based on the following data as supplied by POWERGRID.

800 KV S/C LINE

Configuration - Horizontal

Conductor Bundle - Quad CSR Bursitis (35.1 mm id)

Max. conductor sag - 14.56 m

Phase to phase spacing - approx. 15 m.

Ground clearance - 12.4 m (as per IE rules): 15 m (maintained to limit max. electric field to 10 KV/m)

Right of way - 85 m

400 KV S/C LINE

Configuration - Horizontal
Conductor Bundle - Twin ACSR Moose (31.77 mm dia)
Maximum conductor sag - 12.87 m
Phase to phase spacing - 10 to 12 m
Ground clearance - 8.84 m (as per IE rules)
Right of way - 52 m

400 KV D/C LINE

Configuration - Vertical
Conductor Bundle - Twin ACSR Moose (31.77 mm dia)
Maximum conductor sag - 12.87 m
Phase to phase spacing - 8 to 9 m
Ckt. to ckt. spacing - 12 to 14 m
Ground clearance - 8.84 m (as per IE rules)
Right of way - 52 m

220 KV D/C LINE

Configuration - Vertical
Maximum conductor sag - approximately 9.8 m
Phase to phase spacing - 5 to 5.5 m
Ckt. to ckt. spacing - approximately 10
Ground clearance - 7.015 m (as per IE rules)
Right of way - 35 m

132 KV D/C LINE

Configuration - Vertical
Conductor - ACSR Panther (21 mm dia)
Maximum conductor sag - approximately 6.6 m
Phase to phase spacing - approximately 4 m
Ckt. to ckt. spacing - approximately 7 m
Ground clearance - 6.1 m (as per IE rules)
Right of way - 27 m

ANNEXURE – 7

PROCEDURE OF PUBLIC CONSULTATION

POWERGRID'S PUBLIC CONSULTATION PROCESS

Public consultation forms an integral part of POWERGRID's project cycle, and will be carried out in Regional/local language for wider/better understanding. The process of consultation and its documentation shall be as follows:

TRANSMISSION LINES

1. When planning a transmission line, public consultation is used as an integral tool for screening, assessment and finalisation of route alignment. During initial screening and walkover survey, POWERGRID's staffs meet the public in the route of proposed transmission line. Observations and problems arising from these discussions are given due consideration while finalising the route.
2. During the survey for tower spotting, POWERGRID's site officials meet the public i.e. people coming in the route of the line. This enables POWERGRID to gauge public opinion. At the time of construction, every individual on whose land a tower is to be erected is met with. People coming in the way of the ROW are consulted and their views and suggestions are incorporated thus allowing for public participation.
3. During construction POWERGRID pays the compensation for any damages to each land owner and obtains their final acknowledgement.
4. During maintenance, POWERGRID consults the individual landowners, obtains their approval and pays compensation for any damage to property.

SUBSTATIONS

1. POWERGRID identifies location of the substation and notifies the area under LA Act.
2. Public consultation is a part of LA Act. Under Section 4 of LA Act, a notification is published in the official Gazette and in two local daily newspapers (at least one of which is in the local regional language) about the details of the project. Any objections related to the land to be acquired are made to the collector in writing. Under section 5a, the District Collector hears the public objections by calling a public meeting, if so desired. DC sends report along with recommendations along with details of proceedings to the state government. DC issues notice under section 6 only after he receives the state government's approval.
3. Under Section 6 of LA Act, the DC issues a notice informing the public about the land to be acquired and invites their claims. All effective people informed individually. Compensation is paid to public according to local norms.
4. Besides publication consultation as an integral part of the LA Act, POWERGRID is committed to assessment of all probable impacts associated with land acquisition through its social assessment and management process which includes a socio-economic survey of the proposed substation sites. The socio-economic survey will assess both adverse and positive impacts of the project on aspects such as the natural resource base, developmental potential of the area, economy of the affected area, social

structure, norms and traditions. The socio-economic survey will include a complete household census recording members, property with legal rights and resources which are in possession or in use. Appropriate methods such as participatory rural appraisal and questionnaires will be used where necessary.

5. POWERGRID assess the social impacts of its land acquisition based on the socio-economic survey and designs its compensation packages in consultation with the people. POWERGRID organises meetings with the PAPs to evolve the RAP.

In order to further streamline the above process and to facilitate documentation of the same, and to discuss the following:

- complete project plan (i.e. its route and terminating point and substations, if any, in between);
- POWERGRID design standards in relation to approved international standards;
- health impacts in relation to EMF;
- measures taken to avoid public utilities such as school, hospitals, etc.;
- other impacts associated with transmission lines and POWERGRID's approach to minimising and solving them; and
- land acquisition details, proposed R&R measures and compensation packages in line with POWERGRID's policy

POWERGRID uses one or more of the following techniques at various stages. These include:

- (1) **Public meetings:** POWERGRID will hold public meetings during its EAMP process at appropriate locations along the length of the transmission line. Public meetings will include one to one meetings with land owners during transmission tower spotting. Larger group meetings will be organised at strategic distances along the length of the transmission line. These will consist of all or at least most of the people to be directly affected by the concerned project and their local Gram Panchayat leaders.
- (2) **Informal small group meetings:** Informal small group meetings will be conducted during walkover survey to find out local environmental and social issues along the proposed transmission line route. These meetings will be conducted by ESMT staff at appropriate intervals.
- (3) **Information brochures and Pamphlets:** POWERGRID will make available information and project specific details to the public through Information brochures and Pamphlets. These brochures and pamphlets will contain information on: the overall project plan; design and construction standards; prudent deviations from design standards from transmission towers near schools, hospitals, human habitation; potential impacts and generic mitigation measures; resettlement and rehabilitation; and, compensation.
- (4) **Operating field offices:** Information regarding the proposed transmission line can be accessed by the public from operating field offices. Information will be provided through brochures and pamphlets and any further queries will be responded by POWERGRID's staff.
- (5) **Local planning visits and site visits:** POWERGRID staff will visit field sites. During this time informal contacts will be established with the local people. Reactions of the public to the project will be informally gauged.

- (6) **Response to public Enquires:** ESMC/ESMT will respond to public enquiries by post or through notices in local news papers.
- (7) **Press release inviting comments:** POWERGRID will publish details of proposed transmission routes in two local newspapers. Public will be invited to comment in writing or by meeting concerned POWERGRID officials within a specified period. POWERGRID will then incorporate relevant objections and suggestions.
- (8) **Project coordination committees:** POWERGRID will set up grievance redressal committees to address the complaints and objections that PAP's may have regarding the project, its impacts or mitigation measures.
- (9) **Ombudsman or representative:** For building a consensus on the project its impacts and mitigation measures, the PAPs will be encouraged to elect or appoint a trusted ombudsman or representative.
- (10) **Public Displays:** POWERGRID will show their model projects to public/small representative groups.

DOCUMENTATION

The proceedings of the above consultation shall be documented. Details recorded will include date of the meeting, venue, number and possibly the names of the people attended, issues discussed and the outcome of the meeting.

The manager at DHQ will apply combinations of the appropriate techniques at various activities of a project depending upon the field conditions as shown below:

Milestones	Process	Techniques
1. Environmental & social screening & scoping for TLs	<ul style="list-style-type: none"> Screen & scope TIs from an environmental and social perspective - spot verification 	Informal small group meetings, local planning visits and site visits
2. Environmental & social screening & scoping for SS	<ul style="list-style-type: none"> Screen & scope SS from an environmental and social perspective - spot verification 	Informal small group meetings, Local planning visits and site visits
3. EAMP	<ul style="list-style-type: none"> TIs & SS - undertake environmental review and formulate appropriate management measures 	Public meetings, Press release inviting comments
4. SAMP	<ul style="list-style-type: none"> TIs <ul style="list-style-type: none"> - negotiate compensation packages with revenue authorities and PAPs - finalise and document compensation and other management measures SS <ul style="list-style-type: none"> - finalise SS site - notify area under LAA - undertake detailed LA census 	<p>Informal small group meetings, local planning visits and site visits, Response to public enquiries</p> <p>Public meetings, Ombudsment or representative, Public</p>

Milestones	Process	Techniques
	<ul style="list-style-type: none"> - final negotiations and documentation of agreements 	display
5. Execution of Environmental management works	<ul style="list-style-type: none"> ▪ Execute environmental management works <ul style="list-style-type: none"> - appropriate clearance for Transmission line ROW, etc. - compensatory afforestation 	Information brochures and pamphlets, Operating field offices, Response to public enquiries
6. Execution of Social management works	<ul style="list-style-type: none"> ▪ TIs <ul style="list-style-type: none"> - pay compensation as agreed and documented in SAMP and execute other measures ▪ SS <ul style="list-style-type: none"> - deposit compensation and take possession of land - execute R&R measures as prescribed in the SAMP 	<p>Information brochures and pamphlets, Operating field offices, Response to public enquiries</p> <p>Information brochures and pamphlets, Operating field offices, Response to public enquiries</p>
7. Environmental and Social monitoring	<ul style="list-style-type: none"> ▪ Monitor EAMP measures <ul style="list-style-type: none"> - maintenance of ROW - progress on compensatory afforestation ▪ Monitor SAMP measures <ul style="list-style-type: none"> - appropriate compensation and other measures during maintenance of towers and lines - progress on R&R measure 	<p>Information brochures and pamphlets, Operating field offices, Response to public enquiries</p> <p>Informal small group meetings</p>

ANNEXURE – 8

DETAILS OF PUBLIC CONSULTATION

Report on Public Consultation meeting held from 15th & 16th Dec.'15 on construction of HVDC transmission lines from Pugalur & North Thrissur

1. Nalleppilly, Palakkad District, Kerala

A notice was served to the gram panchayat informing them about the meeting, copy of the meeting notice enclosed at [Annexure 1](#). The meeting was attended by panchayat president, panchayat secretary, ward members along with the general public of the village. This meeting was conducted in the panchayat auditorium. The list of participants & photographs are enclosed as [Annexure 2 & 2a](#) respectively.

POWERGRID officials were introduced to the villagers by Sri. Sarangadharan, who welcomed to the meeting and expressed his happiness that such a prestigious project is coming near their village and requested POWERGRID to help in getting employment for the villagers in this project construction. Smt. Joyce Varghese, Secretary addressed the gathering.

Sri. Ravindran, DGM, Palakkad welcomed the panchayat president and the public on behalf of POWERGRID to the public consultation meeting and described about the proposed HVDC line construction project and its requirement in the power scenario of Kerala state and described about the role of POWERGRID in the field of interstate transmission of power from far away states to Kerala.

Sri. Sanju Kishan, Sr. Environment Officer, RHQ, Bangalore briefed the Environment and Social Policy and Procedures (ESPP) of POWERGRID. It was informed that the public consultation was being held as per this policy to address the apprehensions / questions of the public.

The entire session was interactive with active participation of the public in local language; Malayalam. People clarified their queries about the project with POWERGRID officials, details enclosed as [Annexure 3](#).

The meeting concluded with vote of thanks and with a request to the public for their support in completion of the project by Sri. Rajeev, AE, POWERGRID, Pallakad SS.

List of participants for the public consultation at Nalleppilly village, Palakkad District on 15.12.2015

POWERGRID:

- | | |
|----------------------|----------------------------------------|
| 1. Sri. Ravindran | DGM |
| 2. Sri. Sanju Kishan | Sr. Environment Officer/ RHQ Bangalore |
| 3. Sri. Rajeev | AE/ Palakkad |

Nalleppilly, Palakkad District, Kerala

- | | |
|-----------------------|---------------------|
| 4. Sri. Sarangadharan | Panchayat President |
| 5. Smt. Joyce Mathew | Secretary |
| 6. Other villagers | |

Total 35 no's of people attended the meeting (list attached)

Annexure 1: Meeting Notice – Nallepilly, Palakkad District, Kerala



पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
പവർ ഗ്രിഡ് കോർപ്പറേഷൻ ഓഫ് ഇന്ത്യ ലിമിറ്റഡ്
(ഒരു ഭാരത സർക്കാർ സ്ഥാപനം)

400/220 കെ.വി. സബ് സ്റ്റേഷൻ, മണ്ണുക്കാട് / ചുട്ടിപ്പാറ
വെങ്ങാടി പി.ഒ., എലപ്പള്ളി - പാറ, പാലക്കാട് ജില്ല
കേരളം - 678 622. Ph: 0491 2004615, 2004625 e-mail: palakkadss@yahoo.com

പൊതുജന സമ്പർക്ക സമ്മേളന നോട്ടീസ്
Notice for Public Consultation Meeting

പുഗലൂർ (സിറുകിണർ)-തൃശ്ശൂർ (മണ്ണുത്തി) ± 320 KV എച്ച്.വി.ഡി.സി. ലൈൻ നിർമ്മാണ പദ്ധതി സംബന്ധിച്ച് നല്ലേപ്പിള്ളി പഞ്ചായത്ത് ഓഡിറ്റോറിയത്തിൽ പവർഗ്രിഡ് കോർപ്പറേഷൻ ഒരു പൊതുജന സമ്പർക്ക പരിപാടി നടത്താൻ തീരുമാനിച്ചിരിക്കുന്നു. ഈ പരിപാടിയിലേക്ക് ഏവരെയും സാദരം ക്ഷണിച്ചുകൊള്ളുന്നു.

Power grid Corporations Propose to conduct a public Consultation meeting in Nalleppilly Panchayath Auditorium for construction of ± 320 KV Pugalur (Sirukinar) - Thrissur (Mannuthy) HVDC Overhead line.

സംരംഭം/ Project : ± 320 കെ.വി. പുഗലൂർ (സിറുകിണർ)-തൃശ്ശൂർ (മണ്ണുത്തി) എച്ച്.വി.ഡി.സി. പ്രസരണ വൈദ്യുതി ലൈൻ
 ± 320 KV, Pugalur (Sirukinar)-Thrissur (Mannuthy) HVDC Overhead Transmission line

സ്ഥലം/Venue. : നല്ലേപ്പിള്ളി, പഞ്ചായത്ത് ഓഡിറ്റോറിയം
Nalleppilly Panchayath Auditorium

തീയതി / Date : 15-12-2015

സമയം / Time : 2.00 P.M

ഒപ്പ്
ഡെപ്യൂട്ടി ജനറൽ മാനേജർ
പവർഗ്രിഡ് കോർപ്പറേഷൻ
Dy.General Manager
Powergrid Corporation

Dist. Co-op. Press, Pld - 2544306, 2544266



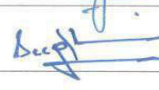
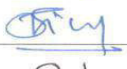
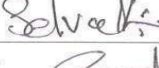
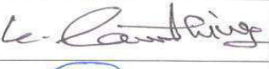







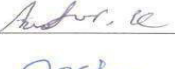
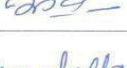
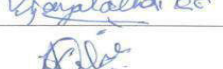

Annexure 2: Attendance Lists – Nallepilly, Palakkad District, Kerala

Public Consultation Meeting- Attendance

Village: Nallepilly Gramapanchayat

Date: 15.12.2015, 2.00 PM.

Construction of Pugalur (Sirukinar) Thrissur (Mannuthy) +/- 320 kV HVDC Transmission Line

Sl.No.	Name	Village	Signature
1	R. RAVINDRAN, DYM	Ponval gnd	
2	Sanjukishan.P	Ponval gnd	
3	Saravatharam -P	President- Nallepilly P.	
4	JOICY VARGHESE	Secretary Nallepilly P.	
5	SELVAKUMAR	NALLEPILLY WARD-16	
6	K.SAKTHIVEL	THAKKADASAM	
7	V. Binu	Nallepilly	
8	HARIDAS	"	
9	Murugadas	Nallepilly	
10	K. Peria Swamy	Nallepilly	
11	MURALIDHARAN	"	
12	R. Mahalingam		
13	P. Leher		
14	ANANDAKUMAR.E	Nallepilly	
15	S. Murali Charan	Nallepilly	
16	Vijayalakshy	Mannur	
17	Usha.K	Nallepilly	

Power grid Corporation of India Limited

Public Consultation Meeting- Attendance

Village: Nalleppilly Gramapanchayat

Date: 15.12.2015, 2.00 PM.

Construction of Pugalur (Sirukinar) Thrissur (Mannuthy) +/- 320 kV HVDC Transmission Line

Sl.No.	Name	Village	Signature
18	Latha R	nalleppilly	Latha
19	Premam	"	P
20	സുരേഷ്. പി	"	Suresh
21	മുഹി	"	Mudhi
22	സമീ	"	Sami
23	മുഹി	"	Mudhi
24	ഗീത. ഡി	മുഹി	Geetha
25	മുഹി	മുഹി	Mudhi
26	മുഹി	മുഹി	Mudhi
27	മുഹി	മുഹി	Mudhi
28	മുഹി	മുഹി	Mudhi
29	മുഹി	മുഹി	Mudhi
30	മുഹി	മുഹി	Mudhi
31	മുഹി	മുഹി	Mudhi
32	മുഹി	മുഹി	Mudhi
33	മുഹി	മുഹി	Mudhi
34	മുഹി	മുഹി	Mudhi



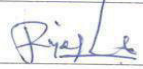
Power grid Corporation of India Limited

Public Consultation Meeting- Attendance

Village: Nalleppilly Gramapanchayat

Date: 15.12.2015, 2.00 PM.

Construction of Pugalur (Sirukinar) Thrissur (Mannuthy) +/- 320 kV HVDC Transmission Line

Sl.No.	Name	Village	Signature
35	Abdulnazeer. K	Elappully	
36	RAZAK. S	Elappully.	RAZAK. S
37	C. V. Jagannathan		
38	RAJESH. C	ELAPPULLY	
39			
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Power grid Corporation of India Limited

Annexure 2 (a): Photographs



POWERGRID official introducing the proposed project



Panchayat President addressing the gathering



Gathering at the meeting



Ward member seeking some clarifications



Ward member seeking clarification



Ward member seeking clarification

Annexure 3: Gist of clarifications raised by the Villagers

1. Sri. Sakthivel (ward member)

a. Question: How this tower line will affect agriculturist?

Answer: Tree / crop compensation would be paid as per the rates fixed by the district authorities of revenue / forest / horticulture department for the damage to tree and crops, if any. Agricultural activities can be continued below the ROW of the Over Head line. No effect on agriculture as the Underground line is along the NH47 till Vadakancheri in Kerala.

2. Sri. Periyasamy (Villager)

a. Question: According to survey map it shows that the line is passing through about half portion of Nalleppilly, what are the steps taken by POWERGRID to minimize the disturbances?

Answer: POWERGRID is committed towards sustainable growth and conservation of nature and natural resources, hence all due care to minimize the disturbance to the surrounding environment and public in particular will be taken up. Technology driven construction techniques are being used with due precautions to minimize disturbance to human habitation. Underground cable is proposed in Kerala from Trichur to Vadakancheri along NH47 and subsequently overhead line is proposed till Pugalur in Tamilnadu.

3. Sri. Murugadas (Villager)

Question: Describe at present whether it is conducting preliminary survey or detailed survey for this project?

Answer: Detailed survey is in progress along the NH47 from Trichur to Vadakancheri in Kerala for laying Underground cable subsequently overhead line is proposed till Pugalur in Tamilnadu.

4. Sri. Binu (Villager)

Question: Requested to POWERGRID officials that further to this after completion of detailed study to conduct a public meeting about this project for affected persons.

Answer: This meeting is conducted as a part of the Initial Environment Assessment Report (IEAR) as the detailed survey is under progress for underground cable in Kerala till Vadakancheri, hence this public meeting. However, the request was noted.

5. Sri. Periyasamy (Villager)

Question: Please describe about the compensation package for drawing the line? Is the land compensation in addition to crop compensation?

Answer: Tree/crop compensation would be paid as per the rates fixed by the district authorities of revenue/forest/horticulture department. Yes it is paid as per the guidelines of Ministry of Power and the State Government.

6. Sri. Thankavelu (Villager)

Question: Describe about procedures after completion of detailed survey?

Answer: Normally after detailed survey the final route alignment of the transmission line is finalized, survey numbers of the towers footing area and the corridor are fixed. The necessary compensation for tree/crop/land etc as per the rates fixed by state government officials are be paid by POWERGRID and line will be constructed. POWERGRID being a CTU is guided by the Indian Telegraph Act and Electricity Rules 2003 in its construction and operations.

2. Arasampalayam, Coimbatore District, Tamil Nadu

A notice was served to the gram panchayat informing them about the meeting, copy of the meeting notice enclosed at [Annexure 1](#). The meeting was attended by the general public of the village as the panchayat president and vice president could not make it due to the MLA visit in that area. This meeting was conducted in a community hall near panchayat. The list of participants and photographs are enclosed as [Annexure 2 & 2a](#).

Sri. Ravindran, DGM, Palakkad welcomed the public on behalf of POWERGRID to the public consultation meeting and described about the proposed HVDC line construction project and its requirement in the power scenario of Kerala state and described about the role of POWERGRID in the field of interstate transmission of power from far away states to Kerala.

Sri. V. Saravanan, Chief Manager, introduced the project scheme to the public and briefed them about the importance of the project and the benefits to the state of Tamil Nadu in particular and nation in general.

Sri. Sanju Kishan, Sr. Environment Officer, RHQ, Bangalore briefed the Environment and Social Policy and Procedures (ESPP) of POWERGRID. It was informed that the public consultation was being held as per this policy to address the apprehensions / questions of the public.

The entire session was interactive with active participation of the public in local language; Tamil. People clarified their queries about the project with POWERGRID officials, details enclosed as [Annexure 3](#).

The meeting concluded with vote of thanks by Sri. Rajeev, AE, POWERGRID, Pallakad.

List of participants for the public consultation at Arasampalayam,
Coimbatore District, Tamil Nadu on 16.12.2015

POWERGRID:

- | | |
|----------------------|----------------------------------------|
| 1. Sri. Ravindran | DGM / Palakkad |
| 2. Sri. Saravanan | Chief Manager / Ariyalur |
| 3. Sri. Sanju Kishan | Sr. Environment Officer/ RHQ Bangalore |
| 4. Sri. Sugumar | Sr. Engineer, Udumalpet |
| 5. Sri. Rajeev | AE/ Palakkad |

Arasampalayam Coimbatore District, Tamil Nadu

6. Villagers

Total 25 no's of people attended the meeting (list attached)

Annexure 1: Meeting Notice Arasampalayam Coimbatore District



பவர் கிரிட் கார்பரேசன் ஆப் இந்தியா லிமிடெட்
(ஓர் இந்தியா அரசு நிறுவனம்)

पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)

400/220 கி.வோ. துணை மின்நிலையம்
மண்ணுகாடு/சுட்டிபாற, வேங்கோடி P.O. எலப்புள்ளிபாறா
பாலக்காடு மாவட்டம், கேரளா - 678 622, Ph : 0491-2004625
e-mail : palakkadss@yahoo.com

பொதுமக்கள் ஆலோசனை கூட்டம் அறிவிப்பு

Notice for Public Consultation Meeting

புகலூர் (சிறுகிணர்) திருச்சூர் (மண்ணுத்தி) ± 320 கி.வோ, உயர் மின்னழுத்த டி.சி. பாதை அமைப்பது தொடர்பாக அரசும் பாளையம் பஞ்சாயத்தில் ஒரு பொதுமக்கள் ஆலோசனை கூட்டம் நடத்த பவர்கிரிட் கார்பரேசன் தீர்மானித்துள்ளது, இந்த ஆலோசனை கூட்டத்தில் பொதுமக்கள் அனைவரும் பங்குபெற்றுமாறு கேட்டுக்கொள்ள படுகிறார்கள்.

Power Grid Corporation of India Propose to conduct a public Consultation meeting at Arasampalayam Panchayath Auditorium for construction of ± 320 KV Pugalur (Sirukinar) - Thrissur (Mannuthy) HVDC Overhead line.

திட்டம் / Project : ± 320 கி.வோ. புகலூர் (சிறுகிணர்) திருச்சூர் (மண்ணுத்தி) உயர் மின்னழுத்த டி.சி. பாதை

± 320 KV, Pugalur (Sirukinar) - Thrissur (Mannuthy)
HVDC Overhead Transmission line

இடம் / Venue : அரசும் பாளையம் கிராம பஞ்சாயத்து திடல்
Arasampalayam Panchayath Auditorium

தேதி / Date : 16-12-2015

நேரம் / Time : மதியம் 2.00 மணி / 2.00 p.m.

இப்படிக்கு
பொது மேலாளர்/Dy. General manager
பவர்கிரிட் கார்பரேசன்
Powergrid Corporation of India Ltd.





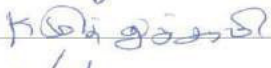

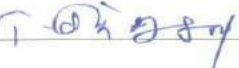
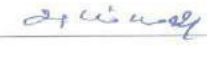

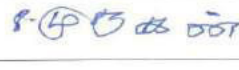

Annexure 2: Attendance Lists – Arasampalayam, Coimbatore District

Public Consultation Meeting- Attendance

Village: Arasampalayam Gramapanchayat

Date: 16.12.2015, 3.00 PM.

Construction of Pugalur (Sirukinar) Thrissur (Mannuthy) +/- 320 kV HVDC Transmission Line

Sl.No.	Name	Village	Signature
1	K. RAVINDRAN	POWERGRID	
2			
3	Sanjiv Kumar	Buegnd	
4	M. Sugumar	Power grid	
5	AR. Narayanaswamy	Arasampalayam	
6	K. R. S. S. S. S.	Arasampalayam	
7	Th. S. S. S. S.	Arasampalayam	
8	C. L. S. S. S. S.	"	
9	A. P. S. S. S. S.	"	A. P. S. S. S. S.
10	T. S. S. S. S.	Arasampalayam	
11	S. S. S. S. S.	"	
12	R. S. S. S. S.	Arasampalayam	
13	M. S. S. S. S.	Arasampalayam	
14		"	
15	P. S. S. S. S.	"	
16	K. S. S. S. S.	"	
17	Asikabi	Arasampalayam	

Power grid Corporation of India Limited

Public Consultation Meeting- Attendance

Village: Arasampalayam Gramapanchayat

Date: 16.12.2015, 3.00 PM.

Construction of Pugalur (Sirukinar) Thrissur (Mannuthy) +/- 320 kV HVDC Transmission Line

Sl.No.	Name	Village	Signature
18	ഗുണേശ്വരൻ		ഗുണേശ്വരൻ
19	പ്രദീപ്		പ്രദീപ്
20	പ്രദീപ്		പ്രദീപ്
21	പ്രദീപ്		പ്രദീപ്
22	പ്രദീപ്		പ്രദീപ്
23	പ്രദീപ്	പ്രദീപ്	പ്രദീപ്
24	Rayappa n	Arasampalayam	Rayappa n
25	Murugesan	"	
26	Sarasamma	"	
27	Pradeep	"	Pradeep
28	Pradeep	"	Pradeep
29	P. K. Rajan	Powergrid	P. K. Rajan
30			
31			
32			
33			
34			

Power grid Corporation of India Limited

Annexure 2 (a): Photographs



POWERGRID officials introducing the proposed project



Addressing the clarification



Villagers at the meeting



Officials addressing the gathering

Gist of clarifications raised by the villagers:**1. Sri. A.P. Somasundaram (Villager)****Question: What is the exact route of this Transmission line project?***Answer: The transmission line is proposed through underground cabling along NH-47 from Trichur to Vadakancheri in Kerala, subsequently its overhead line till Pugalur in Tamilnadu. Detailed survey is in progress for underground portion for route finalization.***2. Sri. A.R Narayana Swamy (Villager)****Question: Will POWERGRID acquire land for this project? If we will raise objection on this project what will be the next step? Land value at current market price is good, but after drawing transmission line value will be diminished, what will be compensation for this diminished value?***Answer: No acquisition is envisaged in construction of transmission line; only for substation land is purchased or acquired. Tree/crop compensation would be paid as per the rates fixed by the authorities of revenue/forest/horticulture department of the state. ROW compensation will be as per the Ministry of Power (MOP) and state guidelines. POWERGRID is a CTU guided by the Indian Telegraph Act and Electricity Rules 2003 in its construction and operation activities.***3. Sri. K. Muthusamy (Villager)****Question: Is there any power tapping point in between Pugalur and Trichur?***Answer: No tapping is possible in this high voltage line, only a transition station will be there between underground and overhead portion at Vadakancheri, Kerala.***4. Sri. Senthil Kumar (Villager)****Question: Time schedule of the project?***Answer: It is being implemented in a compressed time schedule of 36 months.*