COMPENSATION PLAN FOR TEMPORARY DAMAGES (CPTD) FOR T & D NETWORK IN EAST JAINTIA HILLS DISTRICT, MEGHALAYA



Prepared By

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For

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Meghalaya Power Distribution Corporation Ltd. (MePDCL)

MEGHALAYA-2/CPTD/R52018

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LIST OF ABBREVIATIONS

ADC	•	Autonomous District Council
AP	•	Affected Person
CEA		Central Electricity Authority
Ckt-Km	:	Circuit-kilometer
CGWB	•	Central Ground Water Board
CP	•	Compensation Plan
CPTD	•	Compensation Plan for Temporary Damages
CPIU	•	Central Project Implementation Unit
CRM	•	Contractor Review Meeting
DC	•	District Collector
D/c	•	Double Circuit
DL	•	Distribution Line
DM	•	
DM DMS	•	District Magistrate
EHV	•	Distribution Management System
	•	Extra High Voltage
EHS	:	Environment Health & Safety
EMP	•	Environment Management Plan
E&S		Environmental & Social
ESPP	:	POWERGRID's Environmental and Social Policy & Procedures
ESPPF	:	MePTCL/MePDCL's Environmental and Social Policy & Procedures
		Framework
Gol		Government of India
GRC	:	Grievance Redress Committee
GRM	:	Grievance Redress Mechanism
На	:	Hectare
HPC	:	High Powered Committee
IA	:	Implementing Agency
INRs	:	Indian National Rupees
IP	:	Indigenous People
IR	:	Involuntary Resettlement
JCC	:	Joint Coordination Committee
kV	:	Kilo volt
Km	•	Kilometer
LA	:	Land Acquisition
MCM	:	Million Cubic Meter
MePDCL		Meghalaya Power Distribution Corporation Ltd.
MePTCL		Meghalaya Power Transmission Corporation Ltd.
MoP	:	Ministry of Power
M&E	:	Monitoring and Evaluation
NoC	•	No Objection Certificate
NER	•	North Eastern Region
NERPSIP	•	North Eastern Region Power System Improvement Project
O&M	•	Operation and Maintenance
OP	:	Operational Policy
PAP	•	Project Affected Person
POWERGRID	:	Power Grid Corporation of India Limited
PPIU	:	PMC Project Implementation Unit
RFCTLARRA	-	The Right to Fair Compensation and Transparency in Land, Acquisition,
	•	Rehabilitation and Resettlement Act, 2013
RoW	•	Right of Way
RP	•	Resettlement Plan
	•	

R&R	:	Resettlement and Rehabilitation
S/c	:	Single Circuit
SC	:	Scheduled Caste
Sq.M.	:	Square Meters
SMF	:	Social Management Framework
SPCU	:	State Project Coordination Unit
ST	:	Scheduled Tribe
T&D	:	Transmission & Distribution
TL	:	Transmission Line
USD	:	United States Dollar
WB	:	The Word Bank

GLOSSARY

Regional Council/Autonomous District Council/ Village Council		An autonomous body/institution formed under the provisions of 6 th Schedule of Constitution of India which provides tribal people freedom to exercise legislative, judicial, executive
		and financial powers.
Village Headman	:	Elected head of the Village Council
Zila/District	:	It is the first administrative division at the State level.
Sub-division	:	A revenue sub-division, within a district
Block	:	An administrative sub-division within a district
Panchayat	:	The third tier of decentralized governance

EXECUTIVE SUMMARY

i. The Compensation Plan for Temporary Damages (CPTD) has been prepared for Transmission & Distribution (T & D) network in East Jaintia Hill district of Meghalaya state under the North Eastern Region Power System Improvement Project (NERPSIP) which is being funded by Govt. of India (Gol) and the World Bank (WB). The Implementing Agency (IA) is Power Grid Corporation of India Limited (POWERGRID). The CPTD is guided by laws and regulations of the Government of India/ State Govt viz. The Electricity Act, 2003, The Indian Telegraph Act, 1885, MoP guidelines of Oct.' 2015 on RoW Compensation, Meghalaya Power Transmission Corporation Ltd. (MePTCL) & Meghalaya Power Distribution Corporation Ltd. (MePDCL)'s Environmental and Social Policy & Procedures Framework (ESPPF) and World Bank's Operational Policies.

ii. The project components include construction of one no. 132 kV D/C line of 27 km length & four new 33kV distribution lines of total 44.5 km length along with associated 132/33kV substation at Mynkre & 33/11 kV Mynkre, Rymbai, Lumshnong & Latyrke located in the East Jaintia Hills districts of Meghalaya. The present CPTD has been prepared based on the detailed survey/ investigation. However, the temporary impacts on land and loss of crops/trees occurred only during the project implementation/construction. Therefore, the CPTD remains as draft, as actual temporary impacts on crop/tree including details of Affected Persons (AP) shall be ascertained during check survey and tower spotting once the construction contractor is mobilized for implementation. MePTCL/ MePDCL/ POWERGRID¹ provide compensation for actual damages after assessment by revenue authority. Check survey is done progressively during the construction of the transmission/distribution line. Normally the work is done in off season when there is no standing crop. The compensation for damage is assessed in actual after construction activities of transmission/distribution lines in three stages i.e. after completion of foundation, tower erection and stringing of conductor. The payment of compensation may also be paid in three instances, if there are different damages during all the above three activities. Assessment of damages at each stage and payment of compensation is a simultaneous and continuous activity. Hence, CPTD updation will be a continuous process during construction of line for which updated semi-annual CPTD monitoring report shall be submitted by MePTCL & MePDCL/POWERGRID.

iii. The project components under the scope of present CPTD include following transmission/ distribution lines and associated substations;

A. Transmission System Components:

¹ For the purpose of CPTD, MePTCL/ MePDCL and POWERGRID may be referred as SPCU and PPIU respectively. For further details, please refer Chapter - VII Institutional arrangements.

- 1. LILO of both circuits of MLHEP Khliehriat 132 kV D/C line at Mynkre 27 km
- 2. Establishment of 2×50 MVA 132/33 kV new substation at Mynkre

B. Distribution System Components:

- 1. 33kV line from 132/33kV Mynkre (New) to 33/11 kV Mynkre (New) substation 0.5 km
- 2. 33kV line from 132/33kV Mynkre (New) to 33/11 kV Rymbai (New) substation 16.0 km
- 3. 33kV line from 132/33kV Mynkre (New) to 33/11 kV Lumshnong (New) substation 10.0 km
- 4. 33kV line from 132/33 kV Mynkre (New) to 33/11kV Latyrke (New) substation 18.0 km
- 5. Establishment of 33/11kV new substation at Mynkre, Rymbai, Lumshnong & Latyrke

iv. As per existing law, land for tower/pole and right of way is not acquired² and agricultural activities are allowed to continue after construction activity. Land requirements for erecting tower/ poles for transmission/ distribution lines are just minimal. All it requires is to place the foot, four of which warrants an area of 4-6 sq- ft. Thus, the actual impact is restricted to 4 legs of the tower. Further, line alignments are done in such a way so as to avoid settlements and / or structures and hence no relocation of population on account of Transmission Line (TL)/Distribution Line (DL) is envisaged. In case of Autonomous District Council (ADC) area is involved, No Objection Certificate (NoC) form concerned land owner/ Headman /Village Council shall be obtained. Most of the impacts are temporary in nature in terms of loss of standing crops/trees and other damages for which compensation will be paid to the affected persons/ community for all damages including cost of land below tower to its owner without acquiring it as per the laws and provisions laid in ESPPF.

v. For the temporary loss of crops, only agricultural land and private plantation land are considered for estimation. Though Right of Way (RoW) for 132 kV & 33 kV line are 27 meter & 15 meter respectively but average affected width/corridor would be limited to maximum 20 meter for 132 kV & 10 meter for 33 kV line. Accordingly, actual impacted area for crops and other damages worked out to be approx. 56.08 acre. Total number of trees to be affected is 2501. Private trees will be compensated as per the entitlement matrix. The total number of affected persons is estimated to be 38.

v. Public participation and community consultations have been taken up as an integral part of the project's social and environmental assessment process. Public is informed about the project at every stage of execution. During survey also MePTCL & MePDCL & POWERGRID's site officials meet people and inform them about the routing of transmission line. During the construction, every individual, on whose land tower is erected and people affected by RoW, are consulted. There were many informal group and public consultation meetings conducted during survey of the entire routes

² As per the present provision in the Electricity Act, 2003 read with relevant provisions of Indian Telegraph Act, 1885 all the damages without acquisition of subject land) accrued to person while placing the tower and line are to be compensated.

of transmission/distribution lines and substation site. The process of such consultation to be continued during project implementation and even during Operation & Maintenance (O&M) stage. The CPTD will be disclosed to the affected households and other stakeholders by placing it on website. MePTCL & MePDCL & POWERGRID's site officials visit construction sites frequently during construction and meet with APs and discuss about norms and practices of damages and compensation to be paid for them. The executive summary of the CPTD and Entitlement Matrix in local language will be placed at construction offices/sites.

vi. Grievance Redress Mechanism (GRM) is an integral part of project implementation, operation and maintenance stage of the project. For handling grievance, Grievance Redress Committee (GRC) has been established at two places; project/scheme level and corporate/head quarter level. The GRCs include members from MePTCL & MePDCL, POWERGRID, Local Administration, Village Panchayat Members, Affected Persons representative and reputed persons from the society and representative from the autonomous district councils selected/decided on nomination basis under the chairmanship of project head. The composition of GRC has been disclosed in Panchayat/village council office and concerned district headquarter for wider coverage. In case of any complaint, GRC meeting shall be convened within 15 days. If project level GRC is not able to take decision it may refer the complaint to corporate GRC for solution. GRC endeavours to pronounce its decision within 30-45 days of receiving grievances. In case complainant/appellant is not satisfied with the decision of project level GRC they can make an appeal to corporate GRC for review. The proposed mechanism does not impede access to the country's judicial or administrative remedies at any stage. Further, grievance redressal is also in built tree/crop compensation in the process where affected persons are given a chance to place their grievances after issuance of notice by revenue officials on the basis of assessment of actual damages. Grievances received towards compensation are generally addressed in open forum and in the presence of many witnesses. Process of spot verification and random checking by the district collector also provides forum for raising the grievance towards any irregularity/complaint.

vii. The CPTD is based on the World Bank Safeguard Policies as well as MePTCL & MePDCL's ESPPF and law of the land. Being a transmission project, the relevant national laws applicable for this project are (i) The Electricity Act, 2003 and (ii) The Indian Telegraph Act, 1885 and (iii) MoP Guidelines of Oct.' 2015 on RoW Compensation. The compensation principles adopted for the project shall comply with applicable laws and regulations of the Governments of India, MePTCL & MePDCL's ESPPF as well as World Bank Safeguard Policies.

viii. APs will be entitled for compensation for temporary damages to crops/trees/structures etc. as per the Entitlement Matrix given in **E-1**. Temporary damage will occur during construction of

transmission/distribution lines for which compensation is paid as per relevant norms. All APs are paid compensation for actual damages irrespective of their religion, caste and their economic status. One time lump sum assistance to vulnerable households on recommendation of State Authority. As an additional assistance, construction contractors are encouraged to hire local labour that has the necessary skills. MePTCL & MePDCL /IA will provide compensation to all APs including non-title holders as already mentioned in the entitlement matrix.

E-1: Entitlement Matrix

SI.	Type of Issue/ Impact	Beneficiary	Entitlement Options
1.	Land area below	Owner	100% land cost at market value as ascertained by
	tower base		revenue authorities or based on negotiated settlement
			without actual acquisition/title transfer.
2.	Land coming in	Owner	15% of land cost as decided by Deputy Commissioner
	corridor of width of		
	Right of Way (#)		
3.	Loss/damage to	Owner/	Compensation to actual cultivator at market rate for
	crops and trees in	Tenant/	crops and 8 years income for fruit bearing trees*. APs
	line corridor	sharecropper/	will be given advance notice to harvest their crops.
		leaseholder	All timber* will be allowed to retain by the owner.
4	Other damages	All APs	Actual cost as assessed by the concerned authority.
	(if applicable)		
5.	Loss of structure		
(i)	House	Titleholders	Cash compensation at replacement cost (without
			deduction for salvaged material and depreciation
			value) plus Rs. 25,000/- assistance (based on
			prevailing GOI norms for weaker section housing) for
			construction of house plus transition benefits as per
			category-5 below.
(ii)	Shop/ Institutions/	Individual/	Cash compensation plus Rs. 10000/- for construction
	Cattle shed	Titleholders	of working shed/shop plus transition benefits as per
			category-5 below.
6.	Losses during	Family/unit	Provision of transport or equivalent cash for shifting of
	transition under (i) &		material/ cattle from existing place to alternate place
	(ii) above for Shifting		
	/ Transport		
7.	Tribal/ Vulnerable	Vulnerable	One time additional lump sum assistance not
	APs	APs3	exceeding 25% of total compensation on
			recommendation of State Authority/ADC/VC.

(#) Compensation for land value as per MoP guidelines dated 15.10.2015 shall be paid once Govt. of Meghalaya adopts the said guidelines for implementation.

* Assistance/help of Forest department for timber yielding trees and Horticulture department for fruit bearing trees shall be taken for assessing the true value.

³ Vulnerable APs include scheduled tribes residing in scheduled areas/ physically handicapped/ disabled families etc.

ix. No physical displacement is envisaged in the proposed project. Major damages in transmission/distribution line are not envisaged due to flexibility in routing of line. Displacement of structures is normally not envisaged in the transmission line projects. However, whenever it is necessary, compensation for structures as decided by committee based on government norms and entitlement matrix shall be provided. A notice for damage is issued to APs and the joint measurement by MePTCL & MePDCL/ POWERGRID and APs will be done and verified by revenue official for actual damages. Hence, compensation is paid parallely with the construction activity of transmission/distribution line. The cost estimate for the project includes eligible compensation for loss of crops, trees, and support cost for implementation of CPTD, monitoring, other administrative cost etc. This is a tentative budget which may change during the original course of implementation. The total indicative cost is estimated to be INR 609.09 Lakhs equivalent to USD 0.92 million.

x. The implementation and monitoring are critical activities which shall be followed as per Implementation Chart/Schedule provided in Chapter-X. POWERGRID will be the Implementing Agency (IA) for the Project. For the day to day implementation of Project activities, PMC Project Implementation Units (PPIUs) located in each participating State, has been formed including members of Utility on deputation, with its personnel being distributed over work site & working in close association with the State Project Coordination Unit (SPCU) / Central Project Implementation Unit (CPIU). PPIU report to State level "Project Manager" nominated by the Project-in-Charge of IA. The IA will have a Core team stationed at the CPIU on permanent basis and other IA officers (with required skills) will visit as and when required by this core team. This team shall represent IA and shall be responsible for all coordination with SPCU, PIU, within IA and MoP, GoI. CPIU shall also assist MoP, GoI in monitoring project progress and in its coordination with The Bank.

xi. Public consultation and internal monitoring will be continued in an intermittent basis for the entire duration of project. Monitoring will be the responsibility of both MePTCL & MePDCL & IA. MePTCL & MePDCL/ POWERGRID will submit semi-annual monitoring reports on their implementation performance and submit the reports to The World Bank. If required, MePTCL & MePDCL / POWERGRID will engage the services of an independent agency/external monitoring for which necessary provisions have been kept in the budget.

I. INTRODUCTION AND PROJECT DESCRIPTION

1.1. Project Background

1. Recognizing that intrastate T&D systems in the North Eastern States (NER) states have remained very weak and that there is a critical need to improve the performance of these networks, the Central Electricity Authority (CEA) developed a comprehensive scheme for the NER in consultation with POWERGRID and the concerned state governments. This scheme is intended to (a) augment the existing T&D infrastructure to improve the reliability of service delivery across all the NER states and (b) build institutional capacity of the power utilities and departments in the NER. This scheme is part of the Gol's wider efforts to develop energy resources in the NER for electricity supply within the region, to strengthen transmission networks, expand and strengthen sub-transmission systems, and extend last mile electricity connectivity to household.

2. Gol requested for World Bank's support in implementing a set of priority investments in six NER states In 2016, the World Bank (WB) has approved a loan (IBRD 470 USD Million) to the Government of India (Gol) for North Eastern Region Power System Improvement Project (NERPSIP) which aims to create a robust intrastate transmission and distribution network in all the six (6) North Eastern States including Meghalaya. The project being funded on 50:50 (World Bank loan: Gol) basis except the component of capacity building for Rs.89 crore, which Gol will bear entirely. The scheme is to be taken up under a new Central Sector Plan Scheme of Ministry of Power (MoP).

3. Ministry of Power, Gol has appointed POWERGRID as Implementing Agency (IA) to six North Eastern States for the said project. However, the ownership of the assets shall be with the respective State Utilities/State Government which upon progressive commissioning shall be handed over to them for taking care of Operation and Maintenance of assets.

4. The project will be implemented over a seven-year period and has two components, namely Component A: Priority Investments for Strengthening Intrastate Transmission, Sub-transmission, and Distribution Systems, and Component B: Technical Assistance for Capacity Building and Institutional Strengthening (CBIS) of Power Utilities and Departments of Participating States.

5. The scope of work under NERPSIP in state of Meghalaya include construction of 416 km of 220/132 kV transmission lines & associated 4 nos. new substation and 198 ckm of 33 kV distribution lines & associated 11 nos. substation along with augmentation & strengthening of

transmission and sub-transmission spread across the State. The power map of Meghalaya indicating the existing intra-state transmission network along with proposed project under Tranche-1 of NERPSIP is presented in **Figure 1.1**.

1.2. Project Components

6. The project components under the scope of present CPTD include following transmission/ distribution lines and associated Extra High Voltage(EHV) & Distribution substations proposed in West Garo Hills & South West Garo Hills districts of Meghalaya State;

A. Transmission System:

- 1. LILO of both circuits of MLHEP Khliehriat 132 kV D/C line at Mynkre 27 km
- 2. Establishment of 2×50 MVA 132/33 kV new substation at Mynkre

B. Distribution System:

- 1. 33kV line from 132/33kV Mynkre (New) to 33/11 kV Mynkre (New) substation 0.5 km
- 2. 33kV line from 132/33kV Mynkre (New) to 33/11 kV Rymbai (New) substation **16 km**
- 3. 33kV line from 132/33kV Mynkre (New) to 33/11 kV Lumshnong (New) substation 10 km
- 4. 33kV line from 132/33 kV Mynkre (New) to 33/11kV Latyrke (New) substation 18 km
- 5. Establishment of 33/11kV new substation at Mynkre, Rymbai, Lumshnong & Latyrke

7. The schematic diagram of proposed transmission and distribution network under Tranche-1 of NERPSIP is shown in **Figure 1.2**:

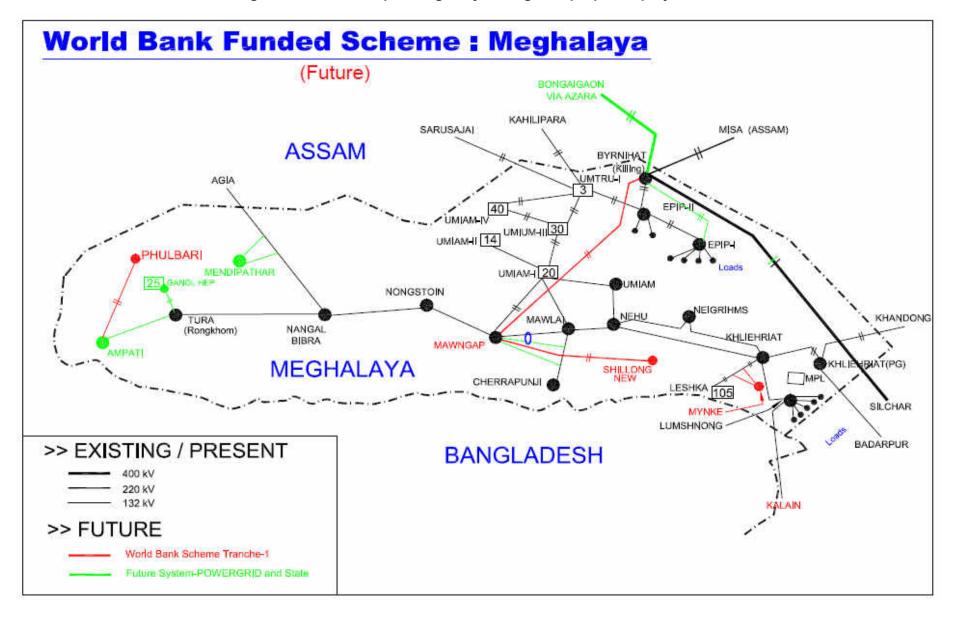
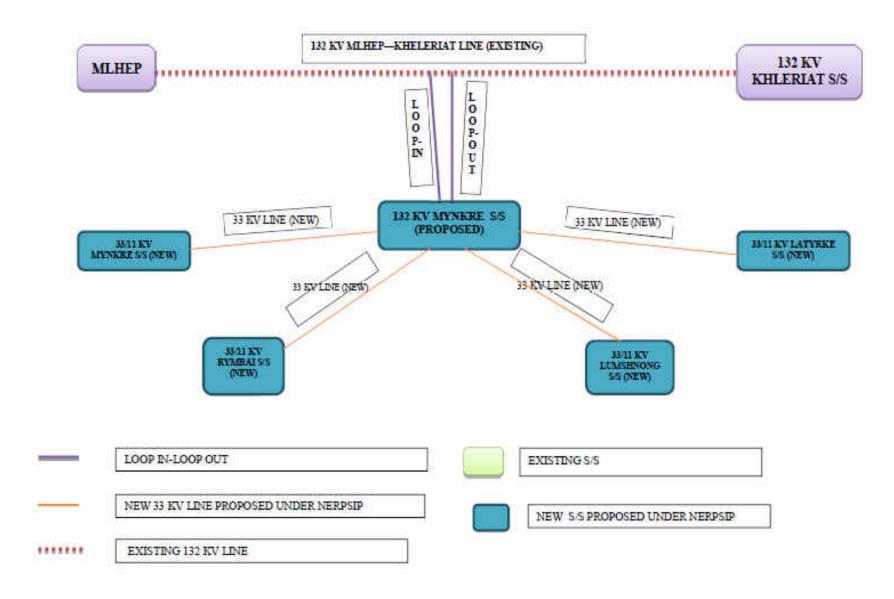


Figure 1.1: Power Map of Meghalaya along with proposed project

Figure 1.2. : Proposed T & D Network in East Jaintia Hills District under NERPSIP



1.3. Objective of Compensation Plan for Temporary Damages (CPTD)

8. The primary objective of the CPTD is to identify impacts/damages and to plan measures to mitigate losses likely to be caused by the projects. The CPTD is based on the general findings of field visits, preliminary assessments and meetings with various project-affected persons in the project areas. The CPTD presents (i) introduction and project description (ii) socio-economic information and profile (iii) legal & regulatory framework (iv) project impacts,(v) entitlement, assistance and benefit (vi) information disclosure, consultation and participation (vii) institutional arrangements (viii) grievance redress mechanism (ix) budget (x) implementation schedule & (xi) monitoring and reporting. The CPTD is guided by The Electricity Act, 2003, The Indian Telegraph Act, 1885, MoP guidelines of 15th October 2015 on RoW Compensation, MePTCL & MePDCL's ESPPF and World Bank's Safeguard Policies.

1.4. Scope and Limitation of the CPTD

9. Based on the assessment of proposed project components and intervention, it has been established that there will be no permanent land acquisition required and the anticipated project impacts are temporary in nature in terms of impacts on land and loss of standing crops/trees only. The present CPTD has been prepared based on the detailed survey/ investigation. However, the temporary impacts on land and loss of crops/trees occurred only during the project implementation/construction. Therefore, the CPTD remains as draft, as actual temporary impacts on crop/tree including details of Affected Persons (AP) shall be ascertained during check survey and tower spotting once the construction contractor is mobilized for implementation. MePTCL/ MePDCL/ POWERGRID⁴ provide compensation for actual damages after assessment by revenue survey is done progressively during the construction of authority. Check the transmission/distribution line. Normally the work is done in off season when there is no standing crop. The compensation for damage is assessed in actual after construction activities of transmission/distribution lines in three stages i.e. after completion of foundation, tower erection and stringing of conductor. The payment of compensation shall be paid in three instances, if there are different damages during above all the three activities. Assessment of damages at each stage and payment of compensation is a simultaneous and continuous activity. Hence, CPTD updation will be a continuous process during construction of line for which updated semi-annual CPTD monitoring report shall be submitted by MePTCL & MePDCL/POWERGRID.

⁴ For the purpose of CPTD, MePTCL/ MePDCL and POWERGRID may be referred as SPCU and PPIU respectively. For further details, please refer Chapter - VII Institutional arrangements.

1.5. Measures to Minimize Impact

10. In keeping with provisions of ESPPF and Bank's Safeguard Policies, State Utilities/ POWERGRID has selected and finalised the routes of transmission line with due consideration of the avoidance or minimization of impacts toward temporary damages on crops/ trees/ structures, if any coming in the Right of Way (RoW) during construction. Similarly, the route of all the 33 KV distribution lines are mostly selected /finalized along the existing roads (PWD roads/Village roads etc.) involving minimum habituated areas and also through agricultural and barren lands wherever possible. Further field visits and public consultations helped in developing the measures towards minimizing negative social impacts, if any.

11. For transmission/distribution line there is no permanent land acquisition involved as per applicable legal framework i.e. in exercise of the powers under Indian Telegraph Act-1885. Part 3, section 10 to 16 conferred under Section 164 of the Electricity Act, 2003 through Deptt. of Power, Govt. of Meghalaya vide notification dated 5th February 2016, MePTCL & MePDCL have the mandate to place and maintain transmission lines under/ over/ along or across and posts in or upon, any immoveable property. However, clause 10 (d) of same act stipulates that the user agency shall pay full compensation to all interested for any damages sustained during the execution of said work. Therefore, State Utilities/ POWERGRID have developed a procedure which is designed to minimize impacts, during the preliminary survey/ investigation (for screening & scoping of the project with at least 3 alternative route alignments), thereafter during detailed survey (spot)/design followed by foundation work, tower erection and during the stringing of conductors.

12. All tower foundations and tower footings are dug and laid, including transportation of material and land clearance, generally at the end of a crop season to avoid impacts on cultivations and need for compensation. After construction of transmission towers, farmers are allowed to continue agricultural activity below tower.

13. Because the concrete needs time to dry and settle, all towers are erected normally three weeks after casting of foundation. Thus, both foundation and erection works are generally completed in one gap between two crop seasons.

14. Given the limited time needed for the stringing, the latter can be done right after the tower construction, before the following crop season.

15. For this reason no household is significantly affected due to the project. Thus, productive loss due to construction is negligible. However, due care shall be taken to avoid damages to crop/trees by taking up the construction activities during lean period or post-harvest season. As per the prevailing norms farming activity shall be allowed after the construction work is completed. All affected farmers will be compensated for all sorts of damages during construction as per the laid down procedure.

1.6. Route Selection and Study of Alternatives

16. For selection of optimum route, the following points are taken into consideration:

- (i) The route of the proposed transmission/distribution lines does not involve any human displacement/rehabilitation.
- (ii) Any monument of cultural or historical importance is not affected by the route of the transmission/distribution line.
- (iii) The proposed line route does not create any threat to the survival of any community with special reference to Tribal Community.
- (iv) The proposed line route does not affect any public utility services like playgrounds, schools, other establishments etc.
- (v) The line route does not pass through any National Parks, Sanctuaries etc.
- (vi) The line route does not infringe with area of natural resources.

17. In order to achieve this, MePTCL & MePDCL /POWERGRID undertake route selection for individual line in close consultation with representatives of concerned Forest Department and the Department of Revenue. Although under the law, State Utilities have the right of eminent domain yet alternative alignments are considered, keeping in mind, the above-mentioned factors during site selection, with minor alterations often added to avoid environmentally sensitive areas and settlements at execution stage.

- a. As a rule, alignments are generally cited away from major towns, whenever possible, to account for future urban expansion.
- b. Similarly, forests are avoided to the extent possible, and when it is not possible, a route is selected in consultation with the local Divisional Forest Officer, that causes minimum damage to existing forest resources.
- c. Alignments are selected to avoid wetlands and unstable areas for both financial and environmental reasons.

18. In addition, care is also taken to avoid National Parks and Wildlife Sanctuaries and any other forest area rich in wildlife. Keeping above in mind the route of proposed lines have been so aligned that it takes care of above factors. As such different alternatives were studied with the help of Govt. published data like Forest atlas, Survey of India topo maps, satellite imageries etc. to arrive at most optimum sections of the route which can be taken up for detailed survey and assessment of environmental & social impacts for their proper management.

19. The comparative details of three alternatives in respect of proposed lines are presented in **Annexure-1**.

II. SOCIOECONOMIC INFORMATION AND PROFILE

2.1. General

20. The socio-economic profile of the project area is based on general information collected from various secondary sources. As the assets of any sorts will not be acquired but for temporary damage to crops/trees or any other structures adequate compensation as per norms shall be paid to all APs. This chapter provides broad socio-economic profile in terms of demography, literacy, employment and other infrastructure etc. in the State of Meghalaya and project districts in particular i.e. East Jaintia Hills through which the various lines will traverse. It may be noted that the East Jaintia Hills district, previously a part of Jaintia Hills district and became a district in year 2012. Due to non-availability socio-economic information separately for East Jaintia Hills, data of undivided Jaintia Hills district has been provided in this chapter. Following section briefly discuss about the socio-economic profile.

2.2. Socio-Economic Profile

2.2.1. Land Use Pattern Meghalaya

21. Meghalaya has a geographic area of 2.24 million ha, which constitutes 6.82% of the country's total area. It is situated between latitude 24°58' N to 26°07' N and longitude 89° 48' E to 92° 51'E. The state has most of its land covered by hills interspersed with gorges and small valleys with elevation ranging between 150 m to 1,950 m. In terms of tribal composition, the state has three distinct regions, namely, Garo Hills, Khasi Hills and Jaintia Hills. The general land use pattern of the state is given in **Table 2.1**.

Land Use	Area in '000 ha	Percentage					
Total geographical area	2,243						
Reporting area for land utilization	2,243	100.00					
Forests	946	42.21					
Not available for cultivation	239	10.66					
Permanent pastures and other grazing lands	00	00					
Land under misc. tree crops & groves	164	7.31					
Culturable wasteland	391	17.44					
Fallow lands other than current fallows	155	6.91					
Current Fallows	60	2.67					
Net area sown	285	12.71					

Table-2.1 Land use Pattern

Source: Land use statistics, Ministry of Agriculture, GOI, 2011-12

2.2.2 East Jaintia Hills District

22. East Jaintia Hills district is hilly and tribal and is bounded by Bangladesh in the South, North

Cachar Hills District in the East and West Jaintia Hills District in the North and West. Its distance from the state capital is 97 kms and the National Highway 44 Connecting Shillong and the eastern part of Assam pass through the district. This district lies between latitude of 24°58' N to 25°45' N and longitude of 91° 59' E to 92° 51'E and has a total geographical area of 3793.47 sq. km..

23. Geo-morphologically, the district is an undulatory one, comprising dissected plateau, denudational high and low hills with deep gorges. The district represents a remnant of ancient plateau of Indian Peninsular shield uplifted to its present height due to tectonic activities in the past and deeply dissected suggesting several geotectonic and structural deformities that the plateau has undergone. The southern parts form a platform on which Tertiaries were deposited in the post-cretaceous period. Topography varies from gently rolling type to highly undulating type. The highest point of 1627m above MSL is observed at Maryngksin, in eastern part and the lowest point is 76m above MSL at Dawki.

24. There are total 2 blocks namely Khliehriat and Saipung with total 206 villages which come under this East Jaintia Hills with district.

2.2.2.1 Climate

25. The climate of the district is directly controlled by the southwest monsoon originating from the Bay of Bengal and the Arabian Sea. The climate shows a variation from the warm, humid tropical in the plains in the eastern and southern part and temperate climate is experienced in the western part around the district headquarter Jowai. The climatic conditions vary substantially from place to place due to wide differences in altitude. Therefore, according to the prevailing weather condition over the years, the district can be grouped into four conspicuous seasons namely winter season, pre-monsoon season, monsoon season and retreating season. The average annual rainfall in the district is 4173 mm recorded at Rymphum seed farm in Jowai. The district receives a fairly high rainfall throughout the year. Most of the precipitation occurs between April and October. The monthly maximum rainfall of 2655.80 mm was recorded in June 1995 at the same rain gauge station. The lowest annual rainfall was recorded in 2009 with 2623 mm and the highest annual rainfall was recorded in 1995 with 7695 mm. The rainfall pattern of Jaintia District is showing an increase for last few years.

2.2.2.2 Water Resources:

26. River System: The river system of Meghalaya comprises mainly of rivers draining to the Brahmaputra Basin in the north and the Meghna Basin in the South. Brahmaputra Basin comprises

of sub-basin of Dilni, Ganol, Jinjiram, Ringgi, Ghagua, Didak, Damring, Krishnai, Dudhnoi, Ronggre, Umsiang, Umkhri, Umiam, Umiew, Myntang, Umlarem and Meghna Basin comprises of sub- Basin of Kangra, Simsang, Dareng, Darong, Ronglk, Kynshi, Umngi, Myntdu, Lubha. Meghalya is dominated by the Brahmaputra river (length: 2900 km). Its drainage area is roughly 935,500 sq. km.

27. The important rivers flowing through district East Jaintia are Umngot, Myntdu, Lukha and Mytang. However, the project activity is not going to impact these water bodies in any way as the route alignment of proposed transmission lines are quite far from these rivers.

2.2.2.3 Soil

28. The district shows different types of soils as the provenance differs widely. The loamy soil is the most prevalent one. They vary from sandy to clayey-loam in Jowai and Nongbah. Reddish lateritic soil is observed in the hill slope in Sonapur and alluvial soil occurs in the southern periphery of the district eg Dawki, Muktapur, Lakroh etc. The soil is acidic in nature, with low percentage of phosphorous and high organic carbons.

2.2.2.4 Ecological Resources

29. The recorded forest area is 9,496 sq. km which constitutes 42.34% of the geographic area of the state. According to legal status, Reserved Forests constitute 11.72 % and Un-classed Forest 88.15% of the total forest area. The state has eight forest types as per Champion & Seth Classification system (1968), belonging to five forest type groups, viz. Tropical Wet Evergreen, Tropical Semi Evergreen, Tropical Moist Deciduous, Subtropical Broadleaved Hill and Subtropical Pine Forests. Apart from normal tree sp. of Bamboo, cane, banana, orchid, betel nut, broom grass, packing leaf other major species of forest comprises of *Tectona grandis* (Teak), *Shorea robusta* (Sal), *Terminalia myricarpa* (Hoolock), *Gmelina arborea* (Gamari), *Pinus khasiana* (Pine), *Michelia champaca* (Champ) etc.

2.2.2.5 Crops

30. Agriculture is the main occupation of the people of East Jaintia Hills district where people cultivate rice as the major crop. Besides rice they also cultivate bettle-nuts (kwai) and bettle-leaves (pathi/ tympew), potato, sweet potato, maize, turmeric, ginger, black pepper etc. Most of the farmers in the area are depending on seasonal rainfall as only a few portion of the land are covered under irrigational system.

2.2.2.6 Human and Economic Development

31. Meghalaya is predominantly an agrarian economy. Agriculture and allied activities engage nearly two-thirds of the total work force in Meghalaya. However, the contribution of this sector to the State's NSDP is only about one-third. Agriculture in the state is characterized by low productivity and unsustainable farm practices. Despite the large percentage of population engaged in agriculture, the state imports food from other Indian states. The service sector is made up of real estate and insurance companies. Infrastructural constraints have also prevented the economy of the state from creating high income jobs at a pace commensurate with that of the rest of India.

32. Meghalaya's gross state domestic product for 2012 was estimated at Rs. 16173 crore (US\$2.6 billion) in current prices.[As of 2012, according to the Reserve Bank of India, about 12% of total state population is below poverty line with 12.5% of the rural Meghalaya population is below the poverty line; while in urban areas, 9.3% are below the poverty line.

33. Jaintia Hills District is rich in mineral resources like coal and limestone. It has a total deposit of 37.25 million tonnes of coal and 1054 million tonnes of limestone. The economic status of the East Jaintia district is primarily driven by agriculture and assistance schemes of Central and local government. Other sources of income also exist like sericulture, cottage industries, small industries, retailing and other small businesses. Poultry, Dairy Farming and Beekeeping are also practiced. Due to the abundance of limestone, many Cement factories have been set up. Coal mining at sites is also one of the major activities in the district.

2.2.3 Demography Features

2.2.3.1. Total Population

34. Total population in Meghalaya stands at 29,66,889 of which 23,71,439 (79.93%) population belong to rural area and 5,95,450 (20.07%) population belong to urban area. The Jaintia Hills district has a total of 3,95,124 population which is constituting 13.32% of State's population. The rural and urban population constitute 92.80% and 7.20% of total populations of the district. Details are given in **Table 2.2**.

Name/Particulars	Total Population	Total (Rural)	Total (Urban)	Percentage (Rural)	Percentage (Urban)
Meghalaya	29,66,889	23,71,439	5,95,450	79.93	20.07
Jaintia Hills	3,95,124	3,66,694	28,430	92.80	7.20

Table 2.2: Details on Total Population

Source: Census of India, 2011

2.2.3.2 Male and Female Population

35. Out of total population 29,66,889 of the State, male population constitutes 14,91,832 (50.27%) and female population is 14,75,057 (49.73%). Total population in Jaintia Hills district stands at 3,95,124 of which male population stands at 1,96,285 (49.68%) and female population stands at 1,98,839 (50.32%). The sex ratio of the district stands at 1013 females per thousand male which is higher than State's average of 989. Details are given in **Table 2.3**.

Name /Particulars	Total Population	Total Male	Total Female	Percentage (Male)	Percentage (Female)	Sex Ratio
Meghalaya	29,66,889	14,91,832	14,75,057	50.27	49.73	989
Jaintia Hills	3,95,124	1,96,285	1,98,839	49.68	50.32	1013

Table 2.3:	Details on	Male/	Female	Population
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Source: Census of India, 2011

2.2.3.3 Scheduled Caste (SC) and Scheduled Tribe (ST) Population

36. As per census 2011, the Scheduled Caste (SC) & Scheduled Tribe (ST) population of the State stands at 17,355 (0.89%) and 25,55,861 (86.14%) respectively. The Jaintia Hills district has a total SC population of 1,317 (0.33%) and ST population of 3,76,099 (95.16%). Details are given in **Table 2.4**.

Table 2.4: Details on Percentage SC/ST

Name/ Particulars	Total Population	Total SC Population	Percentage of SC Population	Total ST Population	Percentage of ST Population
Meghalaya	29,66,889	17,355	0.89	25,55,861	86.14
Jaintia Hills	3,95,124	1,317	0.33	3,76,099	95.16

Source: Census of India, 2011

2.2.3.4 Literacy

37. The literacy rate of Jaintia Hills district stands at 47.46 % which is lower than State's average. However, the female literacy rate of the district is higher than the male literacy rate of the district. Details are given in **Table 2.5**.

Name/Particulars	Total Population	Total Literate	Percentage of Literate	Percentage (Male)	Percentage (Female)
Meghalaya	29,66,889	17,85,005	60.16	51.20	48.80
Jaintia Hills	3,95,124	1,87,527	47.46	46.59	53.41

Table 2.5 : Literate Population

Source: Census of India, 2011

2.3.3.5. Total Workers (Male and Female)

38. Total population into work in Meghalaya stands at 11,85,619 of which total Male (work) population stands at 7,03,709 (59.35%) and total female (Work) population stands at 4,81,910 (40.65%). The Jaintia Hills district has a total work population of 1,54,180 of which total Male (work) population stands at 88,839 (57.62%) and total female (Work) population stands at 65,341 (42.38%). Details are given in **Table 2.6**.

Name/ Particulars	Total Population (Work)	Total Male (Work)	Total Female (Work)	Percentage (Male)	Percentage (Female)
Meghalaya	11,85,619	7,03,709	4,81,910	59.35	40.65
Jaintia Hills	1,54,180	88,839	65,341	57.62	42.38

Table 2.6: Details on Workers

Source: Census of India, 2011

2.3.3.6 Households

39. Total Households in Meghalaya stands at 5,48,059 of which 4,30,573 (78.56%) households belong to rural area and 1,17,486 (21.44%) households belong to urban area. Jaintia Hills district has a total of 66,028 households of which 61,086 (92.52%) households belong to rural area and 4,942 (7.48%) households belong to urban area. Details are given in **Table 2.7**.

Table 2.7: Details on Households

Name/ Particulars	Total Households	Total (Rural)	Total (Urban)	Percentage (Rural)	Percentage (Urban)
Meghalaya	5,48,059	4,30,573	1,17,486	78.56	21.44
Jaintia Hills	66,028	61,086	4,942	92.52	7.48

Source: Census of India, 2011

III. LEGAL & REGULATORY FRAMEWORK

3.1. Overview

40. In India, compensation for land acquisition (LA) and rehabilitation for project affected persons/families is directed by the National law i.e. "The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (hereafter RFCTLARR, 2013"), effective from 1stJanuary 2014. For transmission/distribution line project, land for tower/pole and right of way is not acquired⁵ and ownership of land remains with the owner and is allowed to continue cultivation after construction. However, as per existing laws⁶ compensation for all damages are paid to the individual land owner. The relevant national laws applicable for transmission/distribution project are (i) The Electricity Act, 2003 and (ii) The Indian Telegraph Act, 1885 and (iii) MoP guidelines on 15th October, 2015 for payment of compensation toward damages in regard to RoW. The compensation principles adopted for this project shall comply with applicable laws and regulations of the Government of India/ State Govt,, World Bank's Safeguard Policies and MePTCL & MePDCL's ESPPF.

3.2. Statutory Requirements

41. Transmission lines are constructed under the ambit of The Electricity Act, 2003. The provisions stipulated in section 67-68 of the Electricity Act, 2003 read with section 10 & 16 of the Indian Telegraph Act, 1885 governs the compensation as MePTCL & MePDCL has been vested with the powers of Telegraph Authority vide Deptt. of Power, Govt. of Meghalaya notification dated 5th February 2016, under Section - 164 of the Electricity Act. As per the provision of Indian Telegraph Act, 1885 under section 10 (b), MePTCL & MePDCL is not authorized to acquire any land hence land under tower is not acquired. However, compensation for all damages are paid to the individual land owner as per the provision of Section-10 (d) of Indian Telegraph Act, 1885.

42. The provisions in the Electricity Act, 2003 and Indian Telegraph Act, 1885 regarding compensation for laying of transmission lines are as follows:

3.2.1. The Electricity Act, 2003, Part-VIII, Section 67 & 68 Quote:

⁶ As per the present provision in the Electricity Act, 2003 read with relevant provisions of Indian Telegraph Act, 1885 all the damages (without acquisition of subject land) accrued to person while placing the tower and line are to be compensated

Section 67 (3-5):

- (3) A licensee shall, in exercise of any of the powers conferred by or under this section and the rules made thereunder, cause as little damage, detriment and inconvenience as may be, and shall make full compensation for any damage, detriment or inconvenience caused by him or by any one employed by him.
- (4) Where any difference or dispute [including amount of compensation under sub-section (3)] arises under this section, the matter shall be determined by the Appropriate Commission.
- (5) The Appropriate Commission, while determining any difference or dispute arising under this section in addition to any compensation under sub-section (3), may impose a penalty not exceeding the amount of compensation payable under that sub-section.

Section 68 (5 & 6):

- (5) Where any tree standing or lying near an overhead line or where any structure or other object which has been placed or has fallen near an overhead line subsequent to the placing of such line, interrupts or interferes with, or is likely to interrupt or interfere with, the conveyance or transmission of electricity or to interrupt or interfere with, the conveyance or transmission of electricity of any works, an Executive Magistrate or authority specified by the Appropriate Government may, on the application of the licensee, cause the tree, structure or object to be removed or otherwise dealt with as he or it thinks fit.
- (6) When disposing of an application under sub-section (5), an Executive Magistrate or authority specified under that sub-section shall, in the case of any tree in existence before the placing of the overhead line, award to the person interested in the tree such compensation as he thinks reasonable, and such person may recover the same from the licensee.

Explanation. - For purposes of this section, the expression "tree" shall be deemed to include any shrub, hedge, jungle growth or other plant.

Unquote.

3.2.2. The Indian Telegraph Act, 1885, Part-III, Section 10 :

Quote:

Section 10 – The telegraph authority may, from time to time, place and maintain a telegraph line under, over, along, or across, and posts in or upon any immovable property, Provided that

a) the telegraph authority shall not exercise the powers conferred by this section except for the purposes of a telegraph established or maintained by the [Central Government], or to be so established or maintained;

- b) **the [Central Government] shall not acquire any right other than that of user only** in the property under, over, along, across in or upon which the telegraph authority places any telegraph line or post; and
- c) except as hereinafter provided, the telegraph authority shall not exercise those powers in respect of any property vested in or under the control or management of any local authority, without the permission of that authority; and
- d) in the exercise of the powers conferred by this section, the telegraph **authority shall do as little damage as possible, and, when it has exercised those powers in respect of any property other than that referred to in clause (c), shall pay full compensation to all persons interested for any damage sustained by them** by reason of the exercise of those powers.

Unquote.

Section 16 of the Indian Telegraph Act, 1885 which stipulates as under:

16. Exercise of powers conferred by section 10, and disputes as to compensation, in case of property other than that of a local authority:

- (1) If the exercise of the powers mentioned in Section 10 in respect of property referred to in clause (d) of that section is resisted or obstructed, the District Magistrate may, in his discretion, order that the telegraph authority shall be permitted to exercise them.
- (2) If, after the making of an order under sub section (1), any person resists the exercise of those powers, or, having control over the property, does not give all facilities for this being exercised, he shall be deemed to have committed an offence under section 188 of the Indian Penal Code (45 of 1860).

3.2.3. MoP guidelines dated 15th October, 2015 for payment of compensation toward damages in regard to RoW

43. Ministry of Power (MoP) vide its order No. 3/7/2015-Trans dated 15th April'15 constituted a Committee comprising of representatives of various State Govt., MoP, Central Electricity Authority (CEA) & POWERGRID under the chairmanship of Special Secretary, MoP to analyze the issues relating to Right of Way for laying of transmission lines in the country and to suggest a uniform methodology for payment of compensation on this account. Based on recommendation of the Committee, Ministry of Power, Govt. of India vide its notification dated 15th Oct'15 has issued guidelines for payment of compensation for damages in regard to RoW (**Annexure-2**). Ministry of Power (MoP) has also written to all the States for taking suitable decisions regarding adoption of these guidelines considering that acquisition of land is a State subject. Till date Govt. of Meghalaya

has not adopted the said guidelines for implementation. However, once it is adopted, following compensation shall be paid to all affected farmers/land owners as per norms in addition to normal tree and crop damage compensation;

- Tower base: Compensation @ 85% of land value as determined by District Magistrate or any other competent authority based on Circle rate/ Guideline value/ Stamp Act rates for tower base area (between four legs).
- ii) Line corridor: Compensation @ maximum 15% of land value towards diminution of land value in the width of RoW corridor as determined by District Magistrate or any other competent authority based on Circle rate/ Guideline value/ Stamp Act.

3.3. World Bank's Environmental & Social Safeguard Policies

44. The objective of Bank's policies is to prevent and mitigate undue harm to people and their environment in the development process. Safeguard policies provide a platform for the participation of stakeholders in project design, and act as an important instrument for building ownership among local populations. Operational Policies (OP) are the statement of policy objectives and operational principles including the roles and obligations of the Borrower and the Bank, whereas Bank Procedures (BP) is the mandatory procedures to be followed by the Borrower and the Bank. Apart from these, World Bank Group Environmental, Health, and Safety (EHS) General Guidelines and EHS Guidelines for Electric Power Transmission and Distribution are also relevant for environmental protection and monitoring of transmission projects. The WB's relevant social safeguard policies and their objective are given in **Table – 3.1**.

Operational Policy (OP)	Policy Objectives						
OP 4.11 - Physical	To preserve PCR and in avoiding their destruction or damage. PCR						
Cultural Resources	includes resources of archeological, paleontological, historical,						
(PCR)	architectural, and religious (including graveyards and burial sites),						
	aesthetic, or other cultural significance.						
OP 4.12 – Involuntary	To avoid or minimize involuntary resettlement and, where this is not						
Resettlement	feasible, assist displaced persons in improving or at least restoring						
	their livelihoods and standards of living in real terms relative to pre-						
	displacement levels or to levels prevailing prior to the beginning of						
	project implementation, whichever is higher.						
OP 4.10 –	To ensure that the Indigenous Peoples receive social and economic						
Indigenous Peoples	benefits that are culturally appropriate and gender and inter						

 Table 3.1: World Bank's Operational Policies for Social Safeguard

generationally inclusive. The project shall ascertain broad community
support for the project based on social assessment and free prior
and informed consultation with the affected Tribal community, if any.

3.4. MePTCL/MePDCL's ESPPF

45. To address the environmental and social issues related to its power transmission and distribution projects under NERPSIP, MePTCL & MePDCL has adopted an Environmental and Social Policy & Procedures Framework (ESPPF) in 2015 based on the principles of avoidance, minimization, and mitigation. The ESPPF had been developed by POWERGRID on behalf of the State Utility based on ESPP of POWERGRID who has proven credentials in management of environmental and social issues of large number of power transmission projects both within and outside the country after a comprehensive review of Utility's existing policies/provisions and consultation with stakeholders.

46. ESPPF's outlines Utility's approach and commitment in dealing with the environmental and social issues relating to its transmission projects, lays down the management procedures and protocols for the purpose that includes the framework for identification, assessment, and management of environmental and social concerns at both organizational and project levels.

47. Specifically on social, the following criteria and approach are considered in the ESPPF:

- (i) Take due precautions to minimize disturbance to human habitations, tribal areas and places of cultural significance.
- (ii) Take due care of Project Affected Persons (PAP).
- (iii) Involve affected people from inception stage to operation and maintenance.
- (iv) Consult affected people in issues of RoWs, land acquisition or loss of livelihood.
- (v) Encourage consultation with communities in identifying environmental and social implications of projects.
- (vi) Guarantee entitlements and compensation to affected people as per entitlement matrix.
- (vii) Share information with local communities about environmental and social implications.
- (viii) Always maintain highest standards of health and safety and adequately compensate affected persons in case of any eventuality.

3.5. Basic Principles for the Project

- 48. The basic principles adopted for the Project are:
 - (i) Avoid negative impacts of land acquisition and involuntary resettlement on persons affected by the Project to the extent possible.

- (ii) Where negative impacts cannot be avoided, assist affected persons (AP), in improving or at least regaining their standard of living and income.
- (iii) Carry out meaningful consultations with affected persons and inform all displaced persons of their entitlements and resettlement options. Ensure their participation in planning, implementation and monitoring of the Project
- (iv) Disclose all information related to, and ensure AP participation in resettlement planning and implementation.
- (v) Provide compensation for acquired assets at replacement/market value in accordance with the RP/CPTD.
- (vi) Ensure that displaced persons without titles to land or any recognizable legal rights to land are eligible for resettlement assistance and compensation for loss of non-land assets.
- (vii) Provide resettlement assistance and income restoration to APs.
- (viii) Provide for APs not present during enumeration. However, anyone moving into the project area after will not be entitled to assistance.
- (ix) Develop procedures in a transparent, consistent, and equitable manner if land acquisition is through negotiated settlement to ensure that those people who enter into negotiated settlements will maintain the same or better income and livelihood status.
- (x) Provide compensation and resettlement assistance prior to taking possession of the acquired lands and properties.
- (xi) Establish grievance redress mechanisms to ensure speedy resolution of disputes.
- (xii) Ensure adequate budgetary support to cover implementation costs for CPTD.
- (xiii) Monitoring of the implementation of CPTD.

49. Additionally, the issues related to the Right of Way (RoW) for the transmission/distribution lines will be dealt with proper care especially for the temporary loss. For the loss of crops and trees due to construction of overhead lines, cash compensation payable by cheque/through online transfer will be provided during construction works. Further, cash compensation (by cheque/ online transfer) to the APs for the temporary loss of crop and loss of trees if occurred, during the time of maintenance and repair.

IV. PROJECT IMPACTS

4.1. General

50. The project does not require any private land acquisition for construction of transmission/distribution lines. Therefore, no physical displacement is foreseen in the project. However, there are some social impacts due to construction of lines/placing of towers & poles which are temporary in nature in terms of loss of standing crops/trees/structures in the RoW. Preliminary investigation/survey has been carried out for transmission/distribution line to estimate/arrive at the selection of one best feasible alignment route out of at least 3 alternative alignments studied, for detailed survey to be undertaken during execution of main contracts. The details of tower/pole schedule depicting location & its coordinate including major crossings along with maps of proposed route alignment is placed as Annexure-3. Therefore, the CPTD remains as draft, as actual temporary impacts shall be known only during implementation which will be based on the detailed design and final/check survey once the construction contractor is mobilized for implementation. The details of land use have been gathered to have an idea about the temporary damages that might occur during construction of the transmission and distribution lines. The corridor of width (Right of Way) required for 132 KV D/C transmission line is 27 meter whereas, the 33 kV distribution lines it is considered as 15 meter.

51. Soil & Surface Geology: In plain areas impact on soil & geology will be almost negligible as the excavated pit material is stacked properly and back filled as well as used for resurfacing the area. On hill slopes where soil is disturbed will be prone to erosion is suitably protected by revetment, breast walls, and proper drainage. Besides extensive leg /chimney extension shall be used to avoid benching or cutting of slopes to minimize the impact on slope stability.

52. The land requirement for erection of tower legs is very small i.e. for each leg of tower actual construction is done on a small square area with side length ranging from 0.20 to 0.30 meter depending on the types of tower. Four such square pieces of land will be required to place the legs of tower. The area that becomes unavailable because of the erection of tower legs for an average 132 kV D/c transmission tower ranges from 0.16-0.36 sq.m. of land. Thus, the actual impact is restricted to 4 legs of the tower and agriculture can continue as clearly depicted in the **Figure-4.1**. In case of 33 kV distribution line area that becomes unavailable because of the erection of the erection of pole is insignificant as approx. 1 sq. ft. land area is occupied for one pole (refer **Figure. 4.2** depicting actual base area impact). Due diligence confirms that land is either agricultural or barren, and

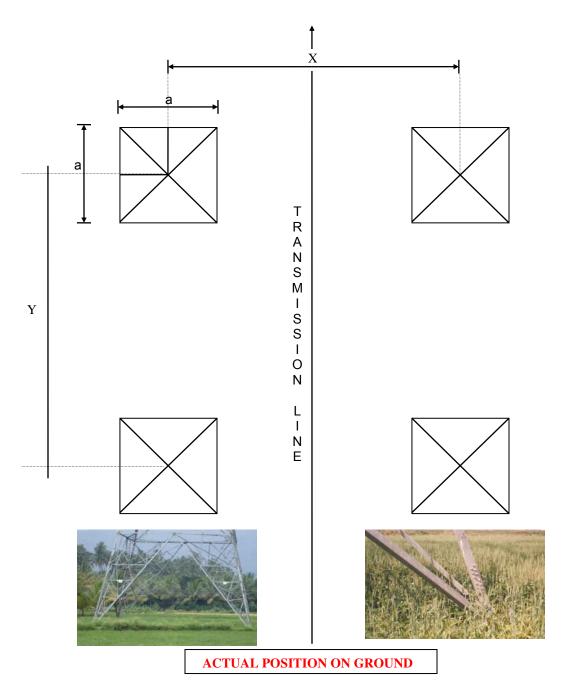


Figure- 4.1: Typical Plan of Transmission Line Tower Footing

INDICATIVE MEASURES

X & Y = 5-10 METERS

a = 200-300 mm



Figure- 4.2: 33 KV lines (Single & H pole) depicting base area impact



33 kV line inside city area of Assam



33 kV (H Pole) line inside substation

current land use is not altered and resumed after construction. As per present practices, full compensation (100%) towards land value in tower base areas as decided by the district authority is paid towards damages to the affected persons/land owners. Once Govt. of Meghalaya adopt the MoP guidelines dated 15th Oct,'15, compensation toward damages in regard to RoW shall be paid as per the norms in addition to normal crop and tree damages.

53. Crops: Construction of line in crop season is avoided as far as possible. In case when installation of towers/poles impacts on agricultural activity, detailed assessment/survey is conducted looking at existing crops, general crop patterns, seasonal particulars, nature and extent of yield. This data is compiled and analysed to study the extent and nature of impact. The compensation is in terms of yield/hectare and rate/quantity for prevailing crops in the area. Based on this, total compensation is calculated in consultation with revenue authorities. Compensation is paid to the owners and their acknowledgement obtained.

54. Trees: Construction of line in fruit bearing season is avoided as far as possible. Tree compensation is calculated on the basis of tree enumeration, tree species and an estimate of the yield. In case of fruit bearing trees compensation will be calculated on the basis of 8 years yield (assessed by revenue/horticulture department). Market rates of compensation are assessed by the relevant government authorities. The total estimate is submitted for approval of the competent authority. Payments are made to owners in the presence of local revenue authorities or village head/ Sarpanch and respective acknowledgements are obtained.

55. Other Damages: Like bunds, water bodies, fish ponds, approach paths, drainage and irrigation canals etc. are at best avoided. However, if damaged the Revenue Department assess the cost of damage as per State Govt. norms. The total estimate is submitted for approval to the competent authority. Payments are made to owners in the presence of local revenue authorities or village headman/ Sarpanch and respective acknowledgements are obtained and POWERGRID/ MePTCL & MePDCL pays the compensation. Hindrances to power, telecom carrier & communication lines etc. shall be paid as per Govt. norms.

4.2. Impact due to construction of New Substation and Bay extension

56. The project components consist of establishment of one 132/33 KV new substation at Mynkre. Under the distribution component, construction of four 33/11 kV new substations at Mynkre, Rymbai, Lumshnong & Latyrke. Land for all substations were purchased on negotiated rates based on "willing buyer-willing seller basis". Since no involuntary land acquisition is involved, R&R will not be an issue in the instant project. The details are provided in **Table 4.1**:

Name of substation	Permanent Impact on Land Use	Temporary Impact on Ioss of crops	Impact on Loss of Trees	Remarks
132/33kV new substation at Mynkre	Yes	Nil	30	Private Land purchased on negotiated rates based on
33/11kV new substation at Mynkre	Yes	Nil	Nil	"willing buyer willing seller" basis
33/11 kV new substation at Rymbai	Yes	Nil	Nil	
33/11 kV new substation at Lumshnong	Yes	Nil	5	
33/11 kV new substation at Latyrke	Yes	Nil	6	

Table 4.1: Details of Substation

4.3. Temporary Impacts Caused due to Transmission/Distribution Line (Right of Way)

4.3.1. Type and Use of Land within Corridor Right of Way

57. The line corridor will pass through mixed land uses which are generally agricultural land, private plantation/forest land, govt. land etc. The calculations are based on detailed survey/ investigation carried out along the route of transmission/distribution lines and considering the total line length of the line and its right of way. The total line length is 71.5 kilometre (km) which will impact an estimated of 345.06 acre⁷ of land. These include 2.9 km of line passing through agricultural land (12.225 acre of agricultural land), 12.80 km of private plantation/forest (66.71 acre of private plantation/forest land), 0.05 km (0.19 acre) riverine land and 55.75 km of government/barren land (265.93 acre of government land). A brief description about the type and use of land in the corridor is given in Table 4.2.

Table 4.2: Type and Use of Land within Corridor of RoW (in Km/Hectare)

SI. No.	Name of the Line	RoW Width (in mtr)	Agricultural land	Private Plantation/ Forest	Riverine	Govt Land/ Barren	Total
Α.	Transmission Line						
1	LILO of MLHEP – Khliehriat 132 kV D/C line at Mynkre	27	0.5 km/ (3.335 acre)	6.5 km/ (43.36 acre)	Nil	20 km/ (133.43 acre)	27.0 km (180.13 acre)
В.	Distribution Line	•					
2	132/33kV Mynkre (New) to 33/11 kV Mynkre (New) 33kV	15	Nil	Nil	Nil	0.5 (1.85 acre)	0.5 km/ (1.85 acre)
3	132/33kV Mynkre (New) to 33/11 kV Rymbai (New) 33kV	15	0.4 km/ (1.48 acre)	1.9 km/ (7.04 acre)	Nil	13.7 (50.78 acre)	16.0 km/ (59.30 acre)

⁷ Total Line Length (kilometers) X Right of Way (meters)X1000/ 4,047= Area in Acre

		(12.225 acre)	(66.71acre)	(0.19acre	(265.93 acre)	(345.06 acre)
	Total	2.9 km	12.8 km	0.05km/	55.75 km	71.5 km
5	132/33 kV Mynkre (New) to 33/11kV Latyrke (New) 33kV	0.8 km/ (2.96 acre)	2.8 km/ (10.38 acre)	0.05km/ (0.19acre)	14.35 (53.19 acre)	18.0 km (66.72 acre)
4	132/33kV Mynkre (New) to 33/11 kV Lumshnong 33kV	1.2 km/ (4.45 acre)	1.6 km/ (5.93 acre)	Nil	7.2 (26.68 acre)	10.0 km (37.06 acre)

Source: Detailed Survey

4.3.2 Total loss of crop area (RoW Corridor & Tower/Pole)

58. For the temporary loss of crops, only agricultural land and private plantation land are considered for estimation. The damages are not done in complete RoW of line (27 m for 132 kV D/c) but mostly restricted to tip to tip of the conductor and tower base area where average affected width/corridor would be limited to 20 meter (maximum). In 33 kV distribution lines, damages are minimal (mostly near bi-pole//quad-pole structure) however, 10 meter corridor is considered for accessing the damages. Moreover, all efforts are made to reduce the damages to crops and to minimize the impacts whatsoever. One of the reasons is that schedules of construction activities are undertaken in lean season or post-harvest periods. As the assets of any sorts will not be acquired but during construction, only temporary damages will occur for which the compensation shall be paid to affected persons as per entitlement matrix.

59. Based on the above estimation, the total land considered for crop compensation for transmission/distribution line corridor and tower/pole foundation for the entire subproject covered under the scope of above CPTD is 56.08 acre. Details of estimated impacted area for crop damages is given in **Table 4.3**.

Name of the line	Width Considered for Estimation of Loss of Crops & other impacts (Meter)	Total Agricultural Land (km)	Total Private Plantation (km)	Total Line Length Considered for Crop Compen- sation (km)	Total Land Area considered for Crop Compensation (Acre)
LILO of MLHEP – Khliehriat 132 kV D/C line at Mynkre	20	0.5	6.5	7.0	34.59
132/33kV Mynkre (New) to 33/11 kV Mynkre (New) 33kV		Nil	Nil	Nil	Nil
132/33kV Mynkre (New) to 33/11 kV Rymbai (New) 33kV	10	0.4	1.9	2.3	5.68
132/33kV Mynkre (New) to 33/11 kV Lumshnong 33kV		1.2	1.6	2.8	6.92

Table 4.3: Estimation on Loss of Land for Crop Damage due to Overhead Lines

132/33 kV Mynkre (New) to 33/11kV Latyrke (New) 33kV	0.8	2.8	3.6	8.89
Total	2.9	12.8	15.7	56.08

Source: Detailed Survey

4.3.3 Actual loss of land for Tower Base & Pole

60. As already explained, the impact of transmission line is restricted to 4 legs of the tower and agriculture can continue after construction activity is over. The average land area will be unavailable for erection of one 132 kV T/L tower and one pole for 33 kV D/L is approx. 0.25 sq.m & 0.092 sq.m. respectively. Based on above, total land loss for construction of 27 km of 132 kV transmission line and 44.5 km of 33 kV distribution line proposed under the present scheme is estimated to be 0.005 acre & 0.027 acre respectively. However, compensation toward loss land shall be provided to APs which is part of RoW compensation. Details of land loss for tower base & pole are given in **Table- 4.4**.

Name of the line	Line length (km)	Total Tower/Pole (Nos.)	Land loss per tower/ pole base (sq.m.)	Total land loss area for tower & pole base (sq.m.)
LILO of MLHEP – Khliehriat 132 kV D/C line at Mynkre	27	86	0.25	21.50
132/33kV Mynkre (New) to 33/11 kV Mynkre (New) 33kV	0.5	06	0.092	0.552
132/33kV Mynkre (New) to 33/11 kV Rymbai (New) 33kV	16	432	0.092	39.74
132/33kV Mynkre (New) to 33/11 kV Lumshnong 33kV	10	126	0.092	11.59
132/33 kV Mynkre (New) to 33/11kV Latyrke (New) 33kV	18	589	0.092	54.19
Total 127.57≅0.032 acre				

 Table 4.4: Estimation of Actual Loss of Land for Crop Tower Base & Pole

4.3.4 Land area for RoW compensation as per MoP Guidelines

61. As per the MoP guidelines on RoW compensation, provisional land area to be considered for land compensation has been calculated for proposed LILO of both circuits of MLHEP – Khliehriat 132 kV D/c line. However, land compensation @ 85% land value for tower base & @ maximum 15% land value for width of RoW corridor will be paid to land owners/farmer, if the said guideline is adopted by Govt. of Meghalaya for implementation. Details of calculation of land areas to be considered for such compensation are given in **Table 4.5**.

Name of the line	Line length (km)	of		Total land area for tower base (In acre)	Corridor area per	Total land area for RoW Corridor (In acre)	Land area
LILO of MLHEP-Khliehriat 132 kV D/C line at Mynkre	27	86	0.036	0.97	6.635	179.15	180.12

Table 4.5 Land area for RoW Compensation

* Effective RoW corridor area has been considered after excluding tower base area.

4.3.5. Loss of Trees

62. It is estimated that approx. 2501 number of trees likely to be affected due to construction proposed lines. The major species are Arcea Nut (Areca catechu), Teak (Tectona grandis), Sal (Shorea robusta), Bamboo (Bambusa vulgaris), Banana (Musa acuminate), Pineapple (Ananas comosus) etc. During construction all these private trees will be compensated as per the entitlement matrix. Details on number of trees for each line are given in Table 4.6.

Name of Line	Trees in Private Area (Nos.)	Trees in Govt. Area (Nos.)	Total Trees (Nos.)
LILO of MLHEP – Khliehriat 132 kV D/C line at Mynkre	2365	Nil	2365
132/33kV Mynkre (New) to 33/11 kV Mynkre (New) 33kV	Nil	Nil	Nil
132/33kV Mynkre (New) to 33/11 kV Rymbai (New) 33kV	27	Nil	27
132/33kV Mynkre (New) to 33/11 kV Lumshnong (New) 33kV	35	Nil	35
132/33 kV Mynkre (New) to 33/11kV Latyrke (New) 33kV	74	Nil	74
Total	2501	Nil	2501

Table 4.6[.] Loss of Trees

Source: Detailed Survey

4.3.6. Loss of Other Assets (Small Shed in Agriculture Fields)

It has been observed during survey that no structures including small storage sheds/huts 63. used for storage of agricultural purpose exist along the right of way any proposed lines. However, if any such structure encountered during construction same shall be are compensated as per the entitlement matrix. Details on impacts on small structures which are merely nil in the instant project are given in Table 4.7

Table 4.7: Loss of Other Assets				
Name of Line	Total number of storage sheds/huts			
LILO of MLHEP – Khliehriat 132 kV D/C line at Mynkre	Nil			
132/33kV Mynkre (New) to 33/11 kV Mynkre (New) 33kV	Nil			
132/33kV Mynkre (New) to 33/11 kV Rymbai (New) 33kV	Nil			
132/33kV Mynkre (New) to 33/11 kV Lumshnong 33kV	Nil			
132/33 kV Mynkre (New) to 33/11kV Latyrke (New) 33kV	Nil			
Total	Nil			

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Source: Detailed Survey

4.4. Details of Affected Persons

64. It is estimated that total number of affected persons which may be impacted temporarily will be approximately 38. Details are given in **Table 4.8.** The number of APs in the table refers to the most conservative option. However, State Utilities/ POWERGRID will schedule civil works in such a way to minimize impacts and substantially reduce the damages to crops and therefore the number of affected persons and Agricultural Households (AHH).

Name of Line	Total APs
LILO of MLHEP – Khliehriat 132 kV D/C line at Mynkre	18
132/33kV Mynkre (New) to 33/11 kV Mynkre (New) 33kV	Nil
132/33kV Mynkre (New) to 33/11 kV Rymbai (New) 33kV	4
132/33kV Mynkre (New) to 33/11 kV Lumshnong (New) 33kV	10
132/33 kV Mynkre (New) to 33/11kV Latyrke (New) 33kV	6
Total	38

Table 4.8: Number of Affected Persons

Source: Detailed Survey

4.5 Other Damages

65. As far as possible damages to bunds, water bodies, fish ponds, approach paths, drainage and irrigation canals etc. are avoided. However, if damaged during construction activities, compensation as per practice is paid after assessment of the cost of damage by the State Govt. Revenue Department. The total estimate is submitted for approval to the competent authority. State Utilities/POWERGRID pays the compensation to owners in the presence of local revenue authorities or Village head/Sarpanch and respective acknowledgements are obtained. Any hindrances to power, telecom carrier & communication lines etc. shall also be paid as per Govt. norms.

4.6 Impact on Indigenous People

66. Government of India, under Article 342 of the Constitution, considers the following characteristics to define indigenous peoples [Scheduled Tribes (ST)]:

- (i) tribes' primitive traits;
- (ii) distinctive culture;
- (iii) shyness with the public at large;
- (iv) geographical isolation; and
- (v) social and economic backwardness before notifying them as a Scheduled Tribe.

67. Essentially, indigenous people have a social and cultural identity distinct from the 'mainstream' society that makes them vulnerable to being overlooked or marginalized in the development processes. STs, who have no modern means of subsistence, with distinctive culture and are characterized by socio-economic backwardness, could be identified as Indigenous Peoples. Indigenous people are also characterized by cultural continuity. Constitution of India identifies schedule areas which are predominately inhabited by such people. In the whole Meghalaya State, special provisions also have been extended to the Tribal Areas under the 6th Schedule [Articles 244(2) and 244(A) of the constitution] in addition to basic fundamental rights. The Sixth Schedule provides for administration of tribal areas as autonomous entities. The administration of an autonomous district is vested in a District Council and of an autonomous region, in a Regional Council.

68. The project is being implemented in the tribal areas governed by Jaintia Hills Autonomous District Council (JHADC) as per the provisions of Sixth Schedule of the Indian Constitution. Around 86% of the population of Meghalaya belongs to Schedule Tribes. So, the benefits arising out of the project will largely accrue to tribal population. However, in such ADC area No Objection Certificate (NoC) from concerned land owner/ Headman /Village Council shall be obtained (**Annexure- 4**). Besides, all social issues shall be dealt separately in accordance with the provisions of Social Management Framework (SMF, A-C) placed in the ESPPF of MePTCL/MePDCL.

4.7. Summary of Impacts

69. Based on the above assessment, temporary impacts on loss of crops, trees, other structures and number of APs are summarized below in **Table 4.9**.

Particulars	Details
Length of Transmission/Distribution Line (Km)	27/ 44.5
Number of Towers/ Poles (Nos.)	86/1153
Total Area under RoW (in acre)	345.06
Total APs (Nos.)	38
Affected Structures (Small Sheds for agricultural purpose(Nos.))	Nil
Area of Temporary Damages for crop compensation (in acre)	56.08
Total Trees (Nos.)	2501

Table 4.9: Summary of Impacts

Source: Detailed Survey

V. ENTITLEMENTS, ASSISTANCE AND BENEFITS

5.1. Entitlements

70. There is no involuntary acquisition of land involved; only temporary damage will occur during construction of transmission/distribution lines for which compensation is paid as per relevant regulations/norms. APs will be entitled for compensation for land loss and other towards temporary damages to crops/trees/structures etc. as per the Entitlement Matrix given in **Table 5.1**. Compensation towards temporary damages to all eligible APs including non-title holders is paid after assessment by relevant authorities of State Govt.

71. All APs are paid compensation for actual damages irrespective of their religion, caste and their economic status. One time additional lump sum assistance will be paid to vulnerable households not exceeding 25% of total compensation on recommendation of State Authority/ADC/VC. As an additional assistance, construction contractors are encouraged to hire local labour that has the necessary skills.

5.2. Entitlement Matrix

72. An Entitlement Matrix for the subprojects is given in **Table 5.1**.

SI.	Type of Issue/ Impact	Beneficiary	Entitlement Options
1.	Land area below tower base	Owner	100% land cost at market value as ascertained by revenue authorities or based on negotiated settlement without actual acquisition/title transfer.
2.	Land coming in corridor of width of Right of Way (#)	Owner	15% of land cost as decided by Deputy Commissioner
3.	Loss/damage to crops and trees in line corridor	Owner/ Tenant/ sharecropper/ leaseholder	Compensation to actual cultivator at market rate for crops and 8 years income for fruit bearing trees*. APs will be given advance notice to harvest their crops. All timber* will be allowed to retain by the owner.
4	Other damages (if applicable)	All APs	Actual cost as assessed by the concerned authority.
5.	Loss of structure		
(i)	House	Titleholders	Cash compensation at replacement cost (without deduction for salvaged material and depreciation value) plus Rs. 25,000/- assistance (based on

Table 5.1: Entitlement Matrix

SI.	Type of Issue/ Impact	Beneficiary	Entitlement Options
			prevailing GOI norms for weaker section housing) for construction of house plus transition benefits as per
			category-5 below.
(ii)	Shop/ Institutions/	Individual/	Cash compensation plus Rs. 10000/- for construction
	Cattle shed	Titleholders	of working shed/shop plus transition benefits as per
			category-5 below
6.	Losses during	Family/unit	Provision of transport or equivalent cash for shifting of
	transition under (i) &		material/ cattle from existing place to alternate place
	(ii) above for Shifting		
	/ Transport		
7.	Tribal/ Vulnerable	Vulnerable	One time additional lump sum assistance not
	APs	APs8	exceeding 25% of total compensation on
			recommendation of State Authority/ADC/VC.

(#) Compensation for land value as per MoP guidelines dated 15.10.2015 shall be paid once Govt. of Meghalaya adopt the said guidelines for implementation.

* Assistance/help of Forest department for timber yielding trees and Horticulture department for fruit bearing trees shall be taken for assessing the true value.

5.3. Procedure of Tree/crop compensation

73. In exercise of the powers conferred by section 164 of the Electricity Act, 2003, Deptt. of Power, Govt. of Meghalaya vide notification dated 5th February 2016, has authorized MePTCL & MePDCL to exercise all the power vested in the Telegraph Authority under part-III of the Indian Telegraph Act, 1885, to place and maintain transmission lines under over along or across and posts in or upon, any immoveable property. However, the provisions of same act in Section 10 (d) stipulates that the user agency shall pay full compensation to all interested for any damages sustained during the execution of said work. Accordingly, MePTCL & MePDCL / POWERGRID shall pay compensation to land owners towards damages, if any for tree, crop etc. during implementation of project as well as during operation and maintenance phase. The procedure followed for such compensation is as follows:

74. MePTCL & MePDCL follows the principle of Avoidance, Minimization and Mitigation in the construction of line in agricultural field and cropping areas due to inherent flexibility in phasing the construction activity and tries to defer construction in cropped area to facilitate crop harvesting. However, if it is unavoidable and is likely to affect project schedule, compensation is given at market rate for standing crops. All efforts are also taken to minimize the crop damage to the extent possible in such cases.:

⁸ Vulnerable APs include scheduled tribes residing in scheduled areas/ physically handicapped/ disabled families etc.

75. As regard of trees coming in the Right of Way (RoW) following procedure is adopted for enumeration:

- All the trees which are coming within the clearance belt of RoW on either side of the center line are identified and marked/numbered from one AP to the other and documented.
- Type, Girth (Measured 1 m. above ground level), approximate height of the tree is also noted for each tree
- Trees belonging to Govt., Forest, Highways and other local bodies may be separately noted down or timely follow up with the concerned authorities for inspection and removal.
- Guava, Lemon, and other hybrid trees which are not of tall growing nature are not marked for cutting since these trees can be crossed using standard tower extensions if required.

76. A notice under Electricity Act, 2003/ Indian Telegraph Act, 1885 is served to the landowners informing that the proposed transmission line is being routed through the property of the individual concerned. The notice shall contain the particulars of the land, ownership details and the details of the trees/crops/land inevitability likely to be damaged during the course of the construction of the proposed transmission line and acknowledgement received from land owners. A copy of said notice is further issued to the Revenue Officer/SDM, who has been authorized by the Meghalaya Govt. for the purpose of assessment/valuation and disbursement of compensation to the affected parties.

77. The revenue officer shall further issue a notice of intimation to the concerned land owner and inspect the site to verify the documents related to the proof of ownership and a detailed Mouja list is prepared for the identified trees/ crops/ land for tower footing inevitability damaged during the course of the construction. For assessing the true value of timber yielding trees help of forest officials is taken and for fruit bearing trees help of Horticulture department is taken.

78. The Mouja list contained the land owner details; type of tree/crop, its present age, variety, yielding pattern etc. and the same is prepared at site in the presence of the land owner. These Mouja lists are further compiled and a random verification was conducted by the concerned DC or his authorized representative in order to ascertain the assessment carried out by the revenue office is genuine and correct. After this process the District Collector issue a tree cutting permission to MePTCL & MePDCL to enable removal / damage to the standing tree/crop identified in the line corridor.

79. Once the tree/crop is removed / damaged, MePTCL & MePDCL shall issue a tree cutting/crop damaged notice to the land owner with a copy to the Revenue Officer to process the

compensation payment. Based on the above the compensation payment is generated by means of a computerized programme developed by the National Informatics Center exclusively for this purpose. The detailed Valuation statement thus generated using this programme is verified at various levels and approval of payment of compensation is accorded by the concerned District Collectors or Council Authority.

80. On approval of compensation, the revenue officer shall further intimate the amount payable to the different landowners and MePTCL & MePDCL/POWERGRID will arrange the payment by way Cheque/online transfer to the affected parties. The payment is further disbursed at the local village office after due verification of the documents in presence of other witnesses. Process of tree/crop compensation is depicted in **Figure-5.1**.

5.4 Land Compensation for Tower Footing & RoW Corridor

As per present practices, full compensation (100%) towards land value in tower base areas as decided by the district authority is paid towards damages to the affected persons/land owners. However, MePTCL & MePDCL/POWERGRID shall pay the land compensation for tower footing and RoW corridor as per prescribed norms once Govt. of Meghalaya adopt MoP guidelines of Oct,'15 for implementation in State.

5.5. Compensation for Structure

81. No physical displacement is envisaged in the proposed project. Displacement of structures is normally not envisaged due to flexibility of routing of transmission/distribution line. However, whenever it is necessary, compensation for structures as per entitlement matrix shall be provided (refer Table 5.1). In the instant case, no structures are encountered in the right of way of proposed transmission/distribution lines. In case any structure is getting affected, a notice is issued to APs and the joint measurement by MePTCL & MePDCL /POWERGRID and APs will be done and verified by revenue official for actual damages. The compensation will be paid to the APs as decided by committee based on state government norms. Hence, compensation is paid parallely with the construction activity of line.

5.6. Compensation Disbursement Module

82. In order to streamline the compensation process, a disbursement modules has been developed (**Table -5.2**) specifying the time period with respect to various process/activities which will be implemented during the project execution.

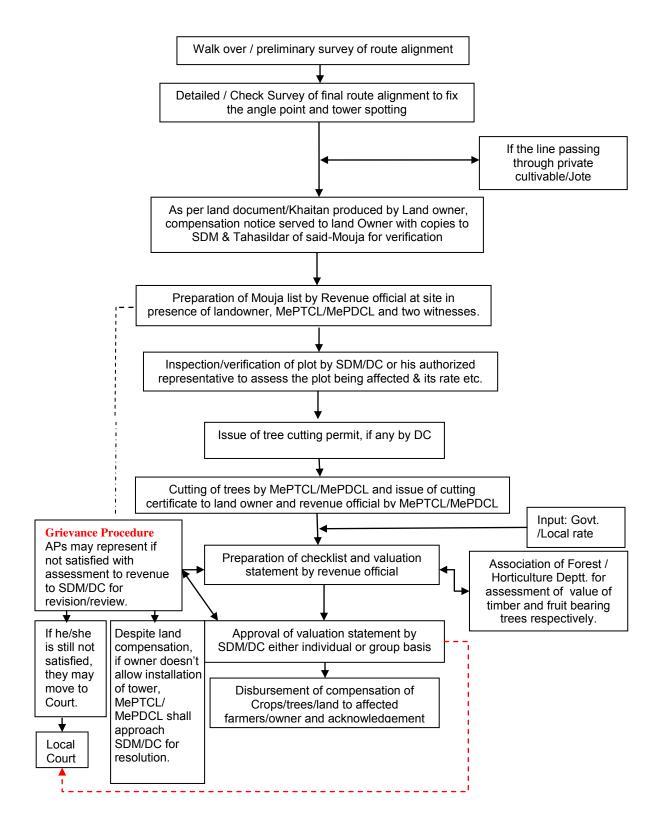
Activity/Stage	Process	Maximum Time Period from Cut-Off date
Tower	Serving of Notice (Cut-off date)	0 date
Foundation/	Verification of Ownership by	15 days
Erection/	Revenue Deptt.	
Stringing	Assessment/Verification of	45 days
	damages by Revenue Deptt.	
	Online disbursement*	60 days**

Table 5.2: Compensation Disbursement Module

* Provision of advance payment up to 25% (Rs. 1 lakh maximum) of total estimated land compensation already made in the RoW guidelines of POWERGRID and may also be implemented in the NERPSIP after consent of concerned State Utilities.

** 60 days is on maximum side. However, based on past experience it's normally concluded within 30-45 days.





VI. INFORMATION DISCLOSURE, CONSULTATION & PARTICIPATION

6.1. Consultations

83. Public consultation/information is an integral part of the project implementation. Public is informed about the project at every stage of execution. During survey also MePTCL/MePDCL & POWERGRID site officials meet people and inform them about the routing of transmission and distribution lines. During the construction, every individual, on whose land tower is erected and people affected by RoW, are consulted. Apart from this, Public consultation using different technique like Public Meeting, Small Group Meeting, informal Meeting shall also be carried out during different activities of project cycle. During such consultation the public are informed about the project in general and in particular about the following;

- Complete project plan (i.e. its route and terminating point and substations, if any, in between);
- 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 & distribution lines and MePTCL/MePDCL approach to minimizing and solving them;
- Trees and crop compensation process.

84. In the instant project also, many group meetings both formal and informal were organized in villages where the proposed interventions are likely to happen (**Table - 6.1**). These meetings were attended by Village Council/headman, senior/respected person of village, interested villagers/general public and representatives from MePTCL/MePDCL & POWERGRID. To ensure maximum participation, prior intimation in local language was given and such notices were also displayed at prominent places/panchayat office etc. Details of above public consultation meetings including minutes of meeting, list of participants and photographs are enclosed as **Annexure -5**.

Date of meeting	Venue of Meeting	No. of Persons attended	Persons Attended
Public Cons	ultation Meeting		
10.11.2014	Village- Mynkre, East Jaintia Hills	21	Members of Jaintia Hill Council, Senior members & General Public

Table 6.1	Details of	Consultations
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Informal Gro	Informal Group Meeting									
23.11.2017	Sutnga village, East	32	Project affected families, Village							
	Jaintia Hills		headman & general public							
26.03.2018	Mynkre village,	16	Project affected families, Village							
	East Jaintia Hills		headman & general public							
28.05.2018	Village- Mynkre, East	27	Members of Jaintia Hill Council,							
	Jaintia Hills		Senior members & General Public							

85. During consultations/interaction processes with people of the localized areas, MePTCL & MePDCL/POWERGRID field staffs explained benefit of the project, impacts of transmission/distribution line, payment of compensation for damaged of crops, trees, huts etc. as per The Indian Electricity Act, 2003 and The Indian Telegraph Act, 1885 and measures to avoid public utilities such as schools, hospital etc. People more or less welcomed the construction of the proposed project.

86. Various issues inter alia raised by the people during public consultation and informal group meetings are as follows;

- To Involve Village headman during survey work/finalization of line corridor;
- To engage local people in various works associated with construction of line and if required proper training may be provided to engage them.
- Early disbursement of compensation;

87. MePTCL/MePDCL & POWERGRID representative replied their queries satisfactorily and it was assured that compensation would be paid in time after Revenue dept.fixed/award the amount.

6.2. Plan for further Consultation and Community Participation during Project Implementation

88. The process of such consultation to be continued during project implementation and even during O&M stage. The progress and proposed plan for Public consultation is described in **Table 6**.

S. N.	Activity	Technique	Schedule
1.	Detailed/	Formal/Informal Meeting at different	Public meeting during
	Check survey	places (20-50 Km) en-route final route	pre- construction stage
		alignment of line	
2.	Construction	Localized group meeting, Pamphlet/	During entire construction
	Phase	Information brochures, Public display etc.	period.
3.	O&M Phase	Information brochures, Operating field	Continuous process as
		offices, Response to public enquiries,	and when required.
		Press release etc.	

Table 6.2: Plan for Future Consultations

6.3. Information Disclosure

89. The draft/summary CPTD will be disclosed to the affected households and other stakeholders by placing it on website. MePTCL/MePDCL & POWERGRID site officials visit construction sites frequently during construction and meet with APs and discuss about norms and practices of damages and compensation to be paid for them. A notice also issued to APs after the detailed/ checks survey and finalization of tower location during the construction. Affected persons also visited site/construction offices of MePTCL/MePDCL & POWERGRID to know about the compensation norms and policies and to discuss their grievances. The executive summary of the CPTD and Entitlement Matrix in local language will be placed at construction offices/ sites. The summary of CPTD will be disclosed on the World Bank website. MePTCL/MePDCL & POWERGRID will organize further public consultation meetings with the stakeholders to share the views of public and all possible clarifications. This consultation process will continue throughout the project implementation period.

VII. INSTITUTIONAL ARRANGEMENTS

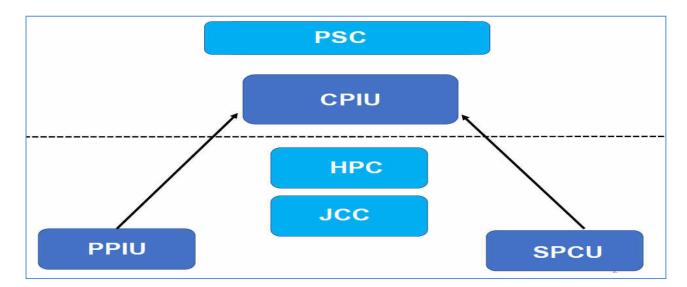
7.1 Administrative Arrangement for Project Implementation

90. Ministry of Power (MoP), Gol has appointed POWERGRID as Implementing Agency (IA) to implement the project in close coordination with the respective state power utilities and departments. POWERGRID will implement the project based on the Implementation/Participation agreements that were signed separately between POWERGRID and the power utilities. However, the ownership of the assets shall be with respective State government or State Utilities, which upon progressive commissioning shall be handed over to them for taking care of Operation and Maintenance of assets. The arrangement for monitoring and reviewing of project from the perspective of environment and social management will form part of overall arrangement has been proposed at different levels for smooth implementation of this project;

Central Project Implementation Unit (CPIU) - A body responsible for coordinating the preparation and implementation of the project and shall be housed within the IA's offices at Guwahati. The "Project-In-Charge" of IA & Head of each of the SPCU shall be a member of CPIU.

State Project Coordination Unit (SPCU) – A body formed by the Utility and responsible for coordinating with IA in preparing and implementing the project at the State level. It consist of experts across different areas from the Utility and shall be headed by an officer of the rank not below Chief Engineer, from the Utility.

PMC Project Implementation Unit (PPIU) – A body formed by the IA, including members of Utility on deputation, and responsible for implementing the Project across the State, with its personnel being distributed over work site & working in close association with the SPCU/ CPIU. PIU report to State level "Project Manager" nominated by the Project-in-Charge of IA. The IA will have a Core team stationed at the CPIU on permanent basis and other IA officers (with required skills) will visit as and when required by this core team. This team shall represent IA and shall be responsible for all coordination with SPCU, PIU, within IA and MoP, GoI. CPIU shall also assist MoP, GoI in monitoring project progress and in its coordination with The Bank.



7.2. Review of Project Implementation Progress:

91. To enable timely implementation of the project/subprojects, following committee has been setup to review the progress;

- A. Joint Co-ordination Committee (JCC): IA and SPCU nominate their representatives in a body called JCC to review the project. IA shall specify quarterly milestones or targets, which shall be reviewed by JCC through a formal monthly review meeting. This meeting forum shall be called as Joint Co-ordination Committee Meeting (JCCM). The IA shall convene & keep a record of every meeting. MoP, GoI and The Bank may join as and when needed. Minutes of the meeting will be shared with all concerned and if required, with GoI and The Bank.
- B. High Power Committee (HPC): The Utility in consultation with its State Government shall arrange to constitute a High Power Committee (HPC) consisting of high level officials from the Utility, State/ District Administration, Law enforcement agencies, Forest Department. etc. so that various permission/ approvals/ consents/ clearances etc. are processed expeditiously so as to reach the benefits of the Project to the end consumers. HPC shall meet on bimonthly basis or earlier, as per requirement. This forum shall be called as High Power Committee Meeting (HPCM) and the SPCU shall keep a record of every meeting. Minutes of the meeting will be shared with all concerned and if required, with Gol and The Bank.
- C. Contractor's Review Meeting (CRM): Periodic Review Meeting will be held by officials of PIU with Contractors at field offices, State Head Quarters (PIU location) and if required with core team of IA at Guwahati. These shall be called "Contractor's Review Meeting" (CRM). PIU shall

keep a record of all CRMs, which shall be shared with all concerned and if required, with Gol and The Bank.

D. A review will be held among MoP, GoI, The Bank, State Government., Utility and IA, at four (4) months interval or earlier if needed, primarily to maintain oversight at the top level and also to debottleneck issues that require intervention at GoI/ State Government level. Minutes of the meeting shall be prepared by IA and shared with all concerned.

7.3. Arrangement for Safeguard Implementation

92. At the Central Project Implementation Unit (CPIU) based at Guwahati, POWERGRID has set up an Environmental and Social Management cell (ESMC) which is headed by Dy. General Manager (DGM) to oversee Environmental and Social issues of the projects and to coordinate the SPCU & Site Offices.

93. At the State level, POWERGRID has already set up PPIU at the capital of each participating State. The PPIU is staffed with dedicated multidisciplinary team headed by Project Manager who is also responsible for overseeing and implementing the environmental and social aspects of project in their respective state. The PPIU team is assisted by a dedicated Field Officer (Environment & Social Management) who has been specifically recruited for this purpose by POWERGRID. Moreover, State Utilities have constituted State Project Coordination Unit (SPCU) at each state and also designated their Environmental & Social Officer within SPCU to work in close co-ordination with the PMC Project Implementation Unit of POWERGRID and CPIU team at Guwahati. Major responsibilities of Environment and Social team at State level are conducting surveys on environmental and social aspects to finalize the route/substation land, implementation Environment Management Plan (EMP)/CPTD, co-ordination with the various statutory departments, monitoring EMP/CPTD implementation and producing periodic progress reports to CPIU.

94. In the instant subprojects, POWERGRID will implement the CPTD in close co-ordination with MePTCL/MePDCL which includes overall coordination, planning, implementation, financing and maintaining all databases & also work closely with APs and other stakeholders. A central database will also be maintained for regular updation of social assessment & compensation data. State Utilities & POWERGRID will ensure that local governments are involved in the CPTD implementation to facilitate smooth settlement of compensation related activities. Roles and responsibilities of various agencies for CPTD implementation are presented in **Table 7.1**.

A - 41- 14 -	Agency Responsible				
Activity	Primary	Secondary			
Implementing CPTD	Field staffs of POWERGRID				
	& MePTCL/MePDCL				
Updating the CPTD	POWERGRID	MePTCL/MePDCL			
Review and Approval of CPTD	MePTCL/MePDCL	POWERGRID			
Verification survey for identification of APs	POWERGRID,				
	MePTCL/MePDCL field staffs	Revenue Officials			
Survey for identification of plots for	POWERGRID,				
Crop/Tree/ other damages Compensation	MePTCL/MePDCL	Revenue Officials			
Consultation and disclosure of CPTD to	POWERGRID,				
APs	MePTCL/MePDCL	Revenue Officials			
Compensation award and payment of	Revenue Dept. / Competent	POWERGRID,			
compensation	Authority	MePTCL/MePDCL			
Fixing of replace cost and assistance	Revenue Dept. / Competent	POWERGRID,			
	Authority	MePTCL/MePDCL			
Payment of replacement cost	POWERGRID,	Revenue Dept.			
compensation	MePTCL/MePDCL	Revenue Dept.			
Takeover temporary possession of	POWERGRID,				
land/houses	MePTCL/MePDCL	Revenue Dept.			
Hand over temporary possession land to	POWERGRID &	Contractor			
contractors for construction	MePTCL/MePDCL	Contractor			
Notify construction starting date to APs	POWERGRID,	Contractor			
	MePTCL/MePDCL Field Staff				
Restoration of temporarily acquired land to		POWERGRID,			
its original state including restoration of	Contractor	MePTCL/MePDCL			
private or common property resources					
Development, maintenance and updating	POWERGRID,				
of Compensation database	MePTCL/MePDCL				
Development, maintenance and updating	POWERGRID,				
of central database	MePTCL/MePDCL				
Internal monitoring	POWERGRID,				
	MePTCL/MePDCL				
External monitoring, if required	External Monitoring Agency				

Table 7.1: Agencies Responsible for CPTD Implementation

7.4. Responsibility Matrix to manage RoW Compensation

In order to manage the RoW compensation effectively, a Work Time Breakdown (WTB) matrix depicting sequence of activities, timing, agencies responsible have been drawn both for Tree/Crop and Land compensation which will be implemented during project execution.

a) WTB for Tree/Crop Compensation

Activities	Respons	Time Schedule		
	Primary	Secondary		
Identification of APs (During Tower spotting & Check Survey)	Contractor	MePTCL/MePDCL & IA field staffs	In 3 different Stages i.e. before start of Foundation, Erection &	
Serving Notice to APs	MePTCL/MePDCL & IA field staffs	Revenue Dept.,	Stringing Works 0 date	
Verification of ownership	MePTCL/MePDCL, IA & Revenue Dept.	ADC (if applicable)	0-15 days	
Joint Assessment of damages	Revenue Dept. & APs	MePTCL/MePDCL / IA	16-45 days	
Payment (online/DD) of compensation to AP*	MePTCL/MePDCL & IA		46-60 days	

b) WTB for Land Compensation** for Tower base and RoW corridor

Activities	Respons	Time Schedule	
	Primary	Secondary	
Identification of APs (During Tower spotting and Check Survey)	Contractors	MePTCL/MePDCL & IA field staffs	Before start of Foundation/ Erection & Stringing Works
Fixation of land rate	DC, ADC/ Executive Committee (if applicable)	MePTCL/MePDCL & IA	0 date
Serving Notice to APs	MePTCL/MePDCL, IA field staffs	Revenue Dept.,	0-7 days
Assessment of compensation/ Verification of ownership	Revenue Dept./ ADC	MePTCL/MePDCL & IA	8-15 days
Payment (online/DD) of compensation to AP*	MePTCL/MePDCL & IA		16-30 days

* AP can approach to DC for any grievance on compensation.

** Discussion for release of certain % as advance is also under progress with Utilities.

Note: Both a and b activities shall run parallely

VIII. GRIEVANCE REDRESS MECHANISM

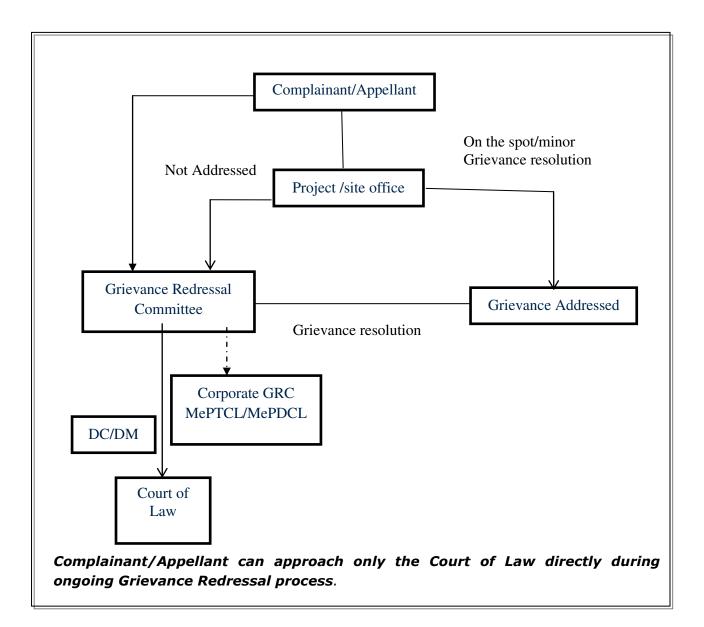
95. Grievance Redress Mechanism (GRM) is an integral and important mechanism for addressing/resolving the concern and grievances in a transparent and swift manner. Many minor concerns of peoples were addressed during public consultation process initiated at the beginning of the project. For handling grievance, a two tier GRM consisting of Grievance Redress Committee (GRC) at two levels, i.e. project/scheme level and Corporate/HQ level have been constituted. The project level GRCs include members from MePTCL/MePDCL, POWERGRID, Local Administration, Village Council/Panchayat Members, Affected Persons representative and reputed persons from the society and representative from the autonomous districts council in case of tribal districts selected/decided on nomination basis under the chairmanship of project head. The composition of GRC also disclosed in Panchayat/Village council offices and concerned district headquarter for wider coverage

96. The complainant will also be allowed to submit its complaint to local project official who will pass it to GRC immediately but not more than 5 days of receiving such complaint. The first meeting of GRC will be organized within 15 days of its constitution/disclosure to formulate procedure and frequency of meeting. In case of any complaint, GRC meeting shall be convened within 15 days. If Project level GRC is not able to take decision it may refer the complaint to corporate GRC for solution. GRC endeavours to pronounce its decision within 30-45 days of receiving grievances. In case complainant/appellant is not satisfied with the decision of project level GRC they can make an appeal to corporate GRC for review. The proposed mechanism does not impede access to the country's judicial or administrative remedies at any stage.

97. The corporate level GRC shall function under the chairmanship of Director (Transmission) who will nominate other members of GRC including one representative from corporate ESMC who is conversant with the environment & social issues. The meeting of Corporate GRC shall be convened within 7-10 days of receiving the reference from project GRC or complainant directly and pronounce its decision within next 15 days.

98. Apart from above, grievance redressal is in built in crop/tree compensation process where affected persons are given a chance to place their grievances after issuance of notice by revenue officials on the basis of assessment of actual damages. Grievances received towards compensation are generally addressed in open forum and in the presence of many witnesses. Process of spot verification and random checking by the district collector/ its authorised

representative also provides forum for raising the grievance towards any irregularity/complain. Moreover, MePTCL/MePDCL & POWERGRID officials also address to the complaints of affected farmers and the same are forwarded to revenue official for doing the needful. Details are depicted below in **Figure-8.1**:





IX. BUDGET

99. The CPTD Implementation cost estimate for the project includes eligible compensation for loss of crops/ trees/ huts and support cost for implementation of CPTD, monitoring, other administrative cost etc.. Though Govt. of Meghalaya has not yet adopted MoP guidelines for RoW compensation for implementation, a budget provision has been made for compensation for Tower Base (@ 85% of the land cost) and RoW Corridor (max. @15% of the land cost) as per the norms. Accordingly, cost has been estimated for proposed 132 kV line in the budget by including these provisions. However, this is a tentative budget which may change during the original course of implementation. The unit cost for the loss of crop has been derived through rapid field appraisal and based on MePTCL/MePDCL & POWERGRID's previous experience of similar project implementation. Contingency provision equivalent to 3% of the total cost has also been made to accommodate any variations from this estimate. Sufficient Budget has been provided to cover all compensation towards crops losses, other damages etc. As per MePTCL/MePDCL & POWERGRID's previous projects and strategy for minimization of impacts, an average of 50-60% of the affected land area is expected for compensation for crops and other damages. Structure will be avoided to the extent possible. However, if any structure is affected, budget provisions are available to cover all damages as per entitlement matrix. In any case no residential structure shall be affected. Therefore, provisions of budget expenditure for implementation of CPTD for the subprojects considering corridor of 20 meter & 10 meter maximum for 132 kV & 33 kV line respectively.

9.1. Compensation for Land for Tower Base and RoW Corridor

100. The land area for 132 kV tower base is estimated as 0.036 acre per km. Similarly, for RoW corridor the area is estimated 6.635 acre per km. The cost of land is estimated @ Rs. 15 lakh/acre considering the land use type as agriculture land in rural setting. Accordingly the cost of land compensation towards tower base & RoW corridor for overhead line is thus estimated as Rs. 415.455 Lakhs. A detail of cost is given below in **Table 9.1**.

Name of Line	Line Length (Km)	Land Area for Tower Base (acre)	Land Area for RoW Corridor* (acre)	Avg. Cost of Land (Lakhs / acre)	Total in Lakhs (Tower base @ 85% & Corridor @15%)
LILO MLHEP – Khliehriat 132 kV D/C line	27	0.97	179.15	15.00	415.455

Table 9.1: Cost of Land Compensation for Tower Base & RoW Corridor

* Effective RoW corridor has been considered after excluding tower base area

9.2. Compensation for Crops and Trees

101. The crop compensation is calculated in consultation with revenue authorities in terms of yield/hectare and rate/quantity for prevailing crops in the area. Similarly, tree compensation is calculated on basis of tree enumeration, tree species and an estimate of the yield. In case of fruit bearing trees compensation will be calculated on the basis of 8 years yield (assessed by revenue/horticulture department). Market rates of compensation are assessed by the relevant government authorities. The estimation of crop and tree damages are based on preliminary investigation and accordingly budgetary provisions are made which will be updated during implementation. Details of line wise cost are given in **Table 9.2** below.

SI No	Name of the Line	Total Length (Km)	Compensation /Km (In Lakh)	Total compensation cost for Crops & trees (Lakh)
1.	LILO MLHEP – Khliehriat 132 kV D/C line at Mynkre	27	5.0	135.00
2.	132/33kV Mynkre (New) to 33/11 kV Mynkre (New) 33kV	0.5	0.5	0.25
3.	132/33kV Mynkre (New) to 33/11 kV Rymbai (New) 33kV	16	0.5	8.00
4.	132/33kV Mynkre (New) to 33/11 kV Lumshnong 33kV	10	0.5	5.00
5.	132/33 kV Mynkre (New) to 33/11kV Latyrke (New) 33kV	18	0.5	9.00
	Total			157.25

Table 9.2: Cost of Compensation for Crops and Trees

9.3. Summary of Budget

102. The total indicative cost is estimated to be **INR 609.56 Lakhs** equivalent to **USD 1.017** million. Details are given in **Table 9.3**. The following estimated budget is part of complete project cost as on date. However, actual updation of the estimated cost shall be updated during execution.

Table 9.3: Summary of Budget

Item	Amount in Lakh (INR)
A. Compensation	
A-1: Loss of Crops and Trees	157.25
A-2: Land Compensation for Tower Base and RoW Corridor ⁹	415.46
Sub Total-A	572.71

⁹ Payment of Compensation subject to adoption/implementation of MoP guidelines of Oct.'15 by Govt. of Meghalaya

B: Implementation Support Cost	
B-1: Man-power involved for CPTD Implem. & Monitoring	4.90
B-2: External Monitoring, if required	5.00
Sub Total- B	9.90
Total (A+B)	582.61
Contingency (3%)	17.48
Grand Total	600.09 \cong 0.92 million USD

X. IMPLEMENTATION SCHEDULE

103. Following work schedule has been drawn for implementation of CPTD considering letter of award for execution of work placed in end of 2016. Tentative implementation schedule for project including various sub tasks presented in **Table 10.1**.

SI.	Activity		2017		2018				2019				
No.													
		Q		Q		Q	Q			Q	Q		
		1	2	3	4	1	2	3	4	1	2	3	4
1.	Initial CPTD Matrix disclosure												
2.	Detailed Survey												
3.	Public Consultation												
4.	Compensation Plan Implementation												
i)	Compilation of land record, ownership,												
ii)	Finalization of list of APs, fixing rate by DC												
iii)	Serving of Notice to APs												
iv)	Joint assessment & acknowledgement by APs												
V)	Validation of Compensation amount												
vi)	Compensation Payment												
5.	Civil Works												
6.	Review/ Activity Monitoring												
i)	Monthly												
ii)	Quarterly												
iii)	Half yearly												
iv)	Annual												
7.	Grievance redress												
8.	CPTD Documentation												
9.	External Monitoring, if required												

Table 10.1 Tentative Implementation Schedule

XI. MONITORING AND REPORTING

104. Monitoring is a continuous process at all stages of project. Monitoring of CPTD implementation will be the responsibility of POWERGRID as well as the State Utility.

105. Internal monitoring will include: (i) administrative monitoring: daily planning, implementation, feedback and troubleshooting, maintenance, and progress reports and (ii) socio-economic monitoring: compensation for land/crops/trees or any other damages, demolition if any, salvaging materials, dates for consultations and number of grievance/complaints received etc.. Monitoring and reports documenting progress on compensation/ implementation of CPTD will be provided by POWERGRID to World Bank for review semi-annually.

106. If required, POWERGRID/State Utility will engage the services of an independent agency/External monitoring and provisions for the same have been made in the budget component.

107. MePTCL/MePDCL is well equipped to implement and monitor its environment and social management plan including CPTD. Organizational Support Structure of MePTCL/MePDCL for monitoring of above is given in **Figure-11.1**.

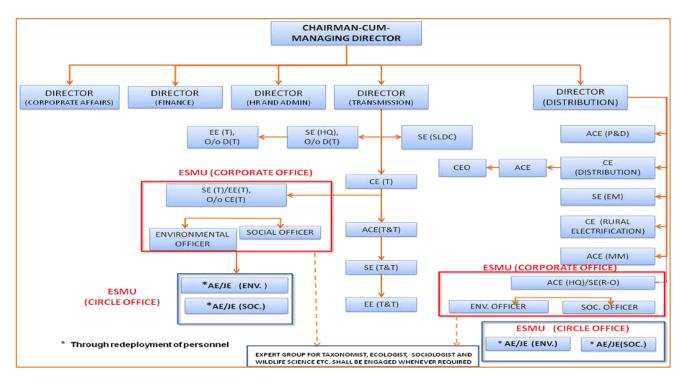


Figure – 11.1: MePTCL/MePDCL Support Structure for Safeguard Monitoring

ANNEXURE - 1

EVALUATION OF ALTERNATIVES ROUTE ALIGNMENT

EVALUATION OF ALTERNATIVES ROUTE ALIGNMENT

A. LILO of both circuits of MLHEP – Khliehriat 132 kV D/C line at Mynkre

Three different alignments were studied with the help of Google Maps / published data such as Forest Atlas, Survey of India topographic sheets, etc. and walkover survey to arrive at the most optimum route to be considered for detailed survey. The comparative details of these three alternatives in respect of the proposed line are as follows;

S.N	Description	Alternative-I	Alternative-II	Alternative-III
1.	Route particulars			
i.	Route Length (km)	27.0	28.4	30.6
ii.	Terrain			
	Hilly (Gentle slopes)	90%	90%	90%
	Plain	10%	10%	10%
2.	Environmental detai	ls		
i.	Name of District through which the line passes	East Jaintia Hills	East Jaintia Hills	East Jaintia Hills
ii.	Town in alignment	No major towns are encountered. However, the route touches villages Diensatlang & Musniang.	encountered.	No major towns are encountered. However, the route touches villages Musnianggrim, Umsatai & Ladwahwapung.
iii.	House within ROW		Shall be ascertaine after detailed surve	
iv.	Forest involvement in Ha/Km	Nil	Nil	Nil
V.	Type of Fore (RF/PF/Wildlife Area/Elephant corridor/Biodiversity Hotspots/Biosphere Reserve/Wetlands any oth environmentally sensitive area.			
vi.	Density of Forests	N.A.	NA	NA

S.N	Description	Alternative-I	Alternative-II	Alternative-III
vii.	Type of flora	Arcea Nut (Areca catechu), Teak (Tectona grandis), Sal (Shorea robusta), Bamboo (Bambusa vulgaris Banana (Musa acuminate), Pineapple (Anana comosus) etc	Sal (Shorea robusta), Bamboo (Bambusa vulgaris) Banana (Musa acuminate),	Arcea Nut (Areca catechu), Teak (Tectona grandis), Sal (Shorea robusta), Bamboo (Bambusa vulgaris Banana (Musa acuminate), Pineapple (Ananas comosus) etc
viii.	Type of fauna	(Veranus benghalensis), Sparrow (Passer domesticus), Bo (Sus scro cristatus), Jung Cat (Felis chaus Assamese Macaqu (Macaca	(Veranus benghalensis), Sparrow (Passer domesticus), Bo (Sus scro	Assamese Macaqı (<i>Macaca</i>
ix.	Endangered species, any	Nil	Nil	Nil
Χ.	Historical/cultural monuments	Nil	Nil	Nil
xi.	Any other relevant information	Line is mostly passing through barren/ abandonec coal mine areas.	Line is mostly passing through village council owned land having tree cover and also through barren/ abandoned coal mine area.	-
3	Compensation Cost	(in Lakhs)		
i.	Crop (Non Forest)	Estimated @ 5 Lakhs per Km	Estimated @ 5 Lakhs per Km	Estimated @ 5 Lakhs per Km
ii.	Forest (CA+NPV)	N.A.	N.A.	N.A.
4.	No. of Crossings (No	os.)		
İ.	Highway (National/State)	Nil	Nil	Nil
ii.	Power line	Nil	Nil	Nil
iii.	Railway line	Nil	Nil	Nil
iv.	River crossing	Nil	Nil	Nil

S.N	Description	Alternative-I	Alternative-II	Alternative-III
5.	Overall Remarks	Easier access due to existing approach roads & paths with fewer RoW problems as line is mostly passing through barren abandoned coal mine areas.	difficult due to poor approach roads an paths up to tower locations. Line is mostly passing through village	paths up to tower locations. Line is mostly passing through village

From the above comparison of the three different alternatives, it is evident that Alternative-I is not only shorter in length than Alternative –II and Alternative-III, but doesn't have any Forest Involvement also. At the same time, Alternative-I is passing mostly along the existing state Road and has involvement of more plain area. So, lesser degree of construction and O&M problems are expected in Alternative-I, compared to other two Alternatives. Hence, Alternative - I is considered as the most optimum route and recommended for detailed survey.

B. ANALYSIS OF ALTERNATIVES FOR DISTRIBUTION LINES

S. No	Name of the distribution line with length	
1	132/33kV Mynkre (New) to 33/11 kV Mynkre (New) 33kV line	- 0.5 km
2	132/33kV Mynkre (New) to 33/11 kV Rymbai (New) 33kV line	-16.0 km
3	132/33kV Mynkre (New) to 33/11 kV Lumshnong (New) 33kV line	-10.0 km
4	132/33 kV Mynkre (New) to 33/11kV Latyrke (New) 33kV line	-18.0 km

Following distribution lines are proposed under subject schemes;

Since the subproject distribution lines at SI. No. 1, & 3 connect two substations in close vicinity with their line length not exceeding 10 km and are intended for providing power supply to the predestined areas, thus, having negligible environmental and social impacts. Hence alternative analysis studies are not required. However for distribution lines at S. No. 1 & 4 having line length of more than 10 kms, detail alternative route alignment study is as follows:

1. 33 kV LINE MYNKRE (NEW) 132 kV S/S - RYMBAI (NEW) 33 kV S/S

Three different alignments were studied with the help of Google Maps / published data such as Forest Atlas, Survey of India topographic sheets, etc. and walkover survey to arrive at the most optimum route to be considered for detailed survey. The comparative details of these three alternatives in respect of the proposed line are as follows;

S.N	Description	Alternative-I	Alternative-II	Alternative-III
1.	Route particulars			
i.	Route Length (km)	16.0	17.3	18.7
ii.	Terrain			
	Hilly (Gentle slopes)	90%	90%	90%

S.N	Description	Alternative-I	Alternative-II	Alternative-III
	Plain	10%	10%	10%
2.	Environmental detai	ls		
i.	Name of District through which the line passes	East Jaintia Hills	East Jaintia Hills	East Jaintia Hills
ii.	Town in alignment	No major towns. However two villages Rymbai & Mynkre are encountered.	No major towns. However two villages Rymbai & Mynkre are encountered.	No major towns. However, few villages like Kairang, Mynkre Nongthyme, Nongshing & encountered.
iii.	House within ROW	Shall be ascertained after detailed survey	Shall be ascertained after detailed survey	
iv.	Forest involvement in Ha/km	Nil	Nil	Nil
V.	Type of Forest (RF/PF/ Wildlife Area/Elephant corridor/Biodiversity Hotspots/Biosphere Reserve/Wetlands or any other environmentally sensitive area.	N.A.	N.A.	N.A.
vi.	Density of Forests	N.A.	N.A.	N.A.
vii.	Type of flora	Arcea Nut (Areca catechu), Teak (Tectona grandis), Sal (Shorea robusta), Bamboo (Bambusa vulgaris), Banana (Musa acuminate), Pineapple (Ananas comosus) etc	Arcea Nut (Areca catechu), Teak (Tectona grandis), Sal (Shorea robusta), Bamboo (Bambusa vulgaris), Banana (Musa acuminate), Pineapple (Ananas comosus) etc	Arcea Nut (Areca catechu), Teak (Tectona grandis), Sal (Shorea robusta), Bamboo (Bambusa vulgaris), Banana (Musa acuminate), Pineapple (Ananas comosus) etc
viii.	Type of fauna	Monitor Lizard (<i>Veranus</i> <i>benghalensis</i>), Sparrow (<i>Passer</i> <i>domesticus</i>), Boar (<i>Sus scrofa cristatus</i>), Jungle Cat (Felis chaus), Assamese Macaque (<i>Macaca</i> <i>assamensis</i>), etc	Monitor Lizard (Veranus benghalensis), Sparrow (Passer domesticus), Boar (Sus scrofa cristatus), Jungle Cat (Felis chaus), Assamese Macaque (Macaca assamensis), etc	Monitor Lizard (Veranus benghalensis), Sparrow (Passer domesticus), Boar (Sus scrofa cristatus), Jungle Cat (Felis chaus), Assamese Macaque (Macaca assamensis), etc
ix.	Endangered species, if any	Nil	Nil	Nil
Х.	Historical/cultural monuments	Nil	Nil	Nil

S.N	Description	Alternative-I	Alternative-II	Alternative-III
xi.	Any other relevant information	Line is mostly passing through barren coal mine areas	Line is mostly passing village council owned land and reclaimed coal mine areas having some plantation.	Line is mostly passing village council owned land having medium dense tree cover.
3	Compensation Cost	(in Lakhs)		
iii.	Crop (Non Forest)	Estimated @ 0.5 Lakhs per Km	Estimated @ 0.5 Lakhs per Km	Estimated @ 0.5 Lakhs per Km
iv.	Forest (CA+NPV)	N.A.	N.A.	N.A.
4.	No. of Crossings (No	os.)		
V.	Highway (National/State)	Nil	Nil	Nil
vi.	Power line	Nil	Nil	Nil
vii.	Railway line	Nil	Nil	Nil
viii.	River crossing	Nil	Nil	Nil
5.	Overall Remarks	Shortest line length with minimum tree felling as the line is passing through and barren coal mine area	Line is mostly passing through village council owned land and reclaimed coal mine areas having plantation.	Line is mostly passing through village council owned land having tree cover and also longest in line length

From the comparative analysis of three alternatives route alignment, it is observed that Alternative-I is shorter in length than other two alternatives and is mostly passing through barren/abandoned coal mine area, whereas, other two alternatives are mostly passing through village council owned land having tree cover. Accordingly, it is expected that not only the environmental impacts associated with Alternative-I will be minimum, but also no. of tree felling and RoW issues will be lesser. Hence Alternative-I is recommended for detail survey.

2. 33 KV LINE MYNKRE (NEW) 132 KV S/S - LATYRKE (NEW) 33 kV S/S

Three different alignments were studied with the help of Google Maps / published data such as Forest Atlas, Survey of India topographic sheets, etc. and walkover survey to arrive at the most optimum route to be considered for detailed survey. The comparative details of these three alternatives in respect of the proposed line are as follows;

S.N	Description	Alternative-I	Alternative-II	Alternative-III	
1.	Route particulars				
i.	Route Length (km)	18	16.4	16.2	
ii.	Terrain				
	Hilly (Gentle slopes)	95%	100%	100%	
	Plain	5%	-	-	
2.	Environmental details				
i.	Name of District through which the line passes	East Jaintia Hills	East Jaintia Hills	East Jaintia Hills	

S.N	Description	Alternative-I	Alternative-II	Alternative-III
ii.	Town in alignment	Nil Nearby villages are Latyrke, Lamyisiang & Mynkre	Nil Nearby villages are Latyrke, Tangsko, Larseng & Mynkre	Nil Nearby villages are Latyrke & Mynkre.
iii.	House within ROW	Shall be ascertained after detailed survey	Shall be ascertained after detailed survey	Shall be ascertained after detailed survey
iv.	Forest involvement in Ha/Km	Nil	Nil	Nil
V.	Type of Forest (RF/PF/Mangrove/W ildlife Area/Elephant corridor/Biodiversity Hotspots/Biosphere Reserve/Wetlands or any other environmentally sensitive area.	N.A	N.A	N.A
vi.	Density of Forests	N.A	N.A	N.A
vii.	Type of flora	Arcea Nut (Areca catechu), Teak (Tectona grandis), Sal (Shorea robusta), Bamboo (Bambusa vulgaris), Banana (Musa acuminate), Pineapple (Ananas comosus) etc	Arcea Nut (Areca catechu), Teak (Tectona grandis), Sal (Shorea robusta), Bamboo (Bambusa vulgaris), Banana (Musa acuminate), Pineapple (Ananas comosus) etc	Arcea Nut (Areca catechu), Teak (Tectona grandis), Sal (Shorea robusta), Bamboo (Bambusa vulgaris), Banana (Musa acuminate), Pineapple (Ananas comosus) etc
viii.	Type of fauna	Monitor Lizard (<i>Veranus</i> <i>benghalensis</i>), Sparrow (<i>Passer</i> <i>domesticus</i>), Boar (<i>Sus scrofa cristatus</i>), Jungle Cat (Felis chaus), Assamese Macaque (<i>Macaca</i> <i>assamensis</i>), etc	Monitor Lizard (Veranus benghalensis), Sparrow (Passer domesticus), Boar (Sus scrofa cristatus), Jungle Cat (Felis chaus), Assamese Macaque (Macaca assamensis), etc	Monitor Lizard (<i>Veranus</i> <i>benghalensis</i>), Sparrow (<i>Passer</i> <i>domesticus</i>), Boar (<i>Sus scrofa cristatus</i>), Jungle Cat (Felis chaus), Assamese Macaque (<i>Macaca</i> <i>assamensis</i>), etc
ix.	Endangered species, if any	Nil	Nil	Nil
Х.	Historical/cultural monuments	Nil	Nil	Nil
xi.	Any other relevant information	Line is routed mostly along the NH and passing through coal mine areas and some village council owned land	Line is mostly passing village council owned land having tree cover.	Line is mostly passing village council owned land having tree cover.
3	Compensation Cost			
V.	Crop (Non Forest)	Estimated @ 0.5 Lakhs per Km	Estimated @ 0.5 Lakhs per Km	Estimated @ 0.5 Lakhs per Km

S.N	Description	Alternative-I	Alternative-II	Alternative-III
vi.	Forest (CA+NPV)	N.A	N.A	N.A
4.	No. of Crossings (No	os.)		
ix.	Highway (National/State)	Nil	Nil	Nil
Χ.	Power line	Nil	Nil	Nil
xi.	Railway line	Nil	Nil	Nil
xii.	River crossing	Nil	Nil	Nil
5.	Overall Remarks	Although line length is longer, fewer problems is anticipated as route is accessible due to its proximity to National Highway and involvement of minimum tree felling.		Comparatively more due to inaccessibility up to route alignment and involvement of more tree felling

From the comparative analysis of three alternatives route alignment studied, it is observed that though Alternative-I is longer in length than other two alternative but it mostly passes through barren coal mine land devoid of trees thus, significantly reducing RoW issues and unnecessary tree felling. Also since the proposed route is aligned along the National Highway to a large extent, construction, operation and maintenance will be easier due to easy accessibility. Hence, Alternative - I is considered as the most optimized route and recommended for detailed survey.

ANNEXURE – 2

MOP GUIDELINES DATED 15TH OCT.'15 FOR PAYMENT OF COMPENSATION FOR TRANS LINE

No.3/7/2015-Trans Government of India Ministry of Power Shram Shakti Bhawan Rafi Marg, New Delhi – 110001

Dated, 15th October, 2015

To

- Chief Secretaries/Administrators of all the States/UTs (As per list attached)
- Chairperson, CEA, New Delhi with the request to disseminate the above guidelines to all the stakeholders.
- CMD, PGCIL, Gurgaon.
- 4. CEO, POSOCO, New Delhi.
- 5. Secretary, CERC, New Delhi.
- 6. CMD of State Power Utilities/SEBs

Subject: Guidelines for payment of compensation towards damages in regard to Right of Way for transmission lines.

During the Power Ministers Conference held on April 9-10, 2015 at Guwahati with States/UTs, it has, *inter alia*, been decided to constitute a Committee under the chairmanship of Special Secretary, Ministry of Power to analyse the issues related to Right of Way for laying of transmission lines in the country and to suggest a uniform methodology for payment of compensation on this count. Subsequently, this Ministry had constituted a Committee with representatives from various State Governments and others. The Committee held several meetings to obtain the views of State Governments on the issue and submitted its Report along with the recommendations (copy of the Report is at **Annex-1**).

2. The Recommendations made by the Committee are hereby formulated in the form of following guidelines for determining the compensation towards "damages" as stipulated in section 67 and 68 of the Electricity Act, 2003 read with Section 10 and 16 of Indian Telegraph Act, 1885 which will be in addition to the compensation towards normal crop and tree damages. This amount will be payable only for transmission lines supported by a tower base of 66 KV and above, and not for sub-transmission and distribution lines below 66 KV:-

 Compensation @ 85% of land value as determined by District Magistrate or any other authority based on Circle rate/ Guideline value/ Stamp Act rates for tower base area (between four legs) impacted severely due to installation of tower/pylon structure;

-1-

- (ii) Compensation towards diminution of land value in the width of Right of Way (RoW) Corridor due to laying of transmission line and imposing certain restriction would be decided by the States as per categorization/type of land in different places of States, subject to a maximum of 15% of land value as determined based on Circle rate/ Guideline value/ Stamp Act rates;
- (iii) In areas where land owner/owners have been offered/ accepted alternate mode of compensation by concerned corporation/ Municipality under Transfer Development Rights (TDR) policy of State, the licensee /Utility shall deposit compensation amount as per (i) & (ii) above with the concerned Corporation/ Municipality/ Local Body or the State Government.
- (iv) For this purpose, the width of RoW corridor shall not be more than that prescribed in the table at Annex-2 and shall not be less than the width directly below the conductors.

3. Necessary action may kindly be taken accordingly. These guidelines may not only facilitate an early resolution of RoW issues and also facilitate completion of the vital transmission lines through active support of State/ UT administration.

4. All the States/UTs etc. are requested to take suitable decision regarding adoption of the guidelinesconsidering that acquisition of land is a State subject.

Yours faithfully,

Jyot Arora) (Jyoti Arora) Joint Secretary (Trans.) Tele: 011-2371 0389

Copy, along with enclosure, forwarded to the following:

- Secretaries of Government of India (Infrastructure Ministries/Deptt including MoEF - As per attached list)
- Prime Minister's Office (Kind Attn: Shri Nripendra Mishra, Principal Secretary to PM).
- Technical Director, NIC, Ministry of Power with the request to host on the website of Ministry of Power.

-2-

Copy to PS to Hon'ble MoSP (IC) / Secretary (Power) / AS (BNS) / AS (BPP) / All Joint Secretaries/EA/ All Directors/DSs, Ministry of Power.

ANNEXURE – 3

DETAILS OF TOWER/POLE SCHEDULE OF PROPOSED LINES

	~	T	-				i.				F		Ď.		¥.		D.		D.							Clasfally
	Remarks, if any				NALLA.		METAL ROAD.		11 KV LINE.		METAL ROAD., 11 KV LINE		METAL ROAD.		CART TRACK.		METAL ROAD.		METAL ROAD.				NALLA		NALLA	LINE-IN-TS-EXT-92-TU
(M) (M)	TOTAL	275		-461		650		368		430		Ľ		289		164		219		311		318		138		FUN
Weight Span COLD (M)	RIGHT	275		-252		218		281		304		100		209		155		154		206		311		70		
Weight	LEFT	0		-209		432		87		126		-29		80		7		65		105		4	5	68		
(T(M)	TOTAL	181		-235		493		363		396		131		253		184		230		282		309		206		
Weight Span HOT(M)	RIGHT	181		-120		193		251		240		96		169		145		145		168		264		91		UT AT
Weight	LEFT	0		-115		300		112		156		35		84		39		85		114		45		115		Allollar Allol
	Wind Span	33		123		243		356		341		228		194		219		245		236		296		313		1 10 10 17
	Sum of adjacent Span (M)	99		246		485		712		682		455		388		438		489		472		592		625		amp
-				99		246		551		958	k	1233		1413		1621		1851		2110		2323		2702		- C abed
	Section Length (M)			66		180		305		407		275		180		208		230		259		213		379		No No
	SPAN (M)		99		180		305		407		275		180		208		230	ľ.	259		213		379		246	NEP
	Reduced Level at Locatin (M)	1137.795		1132.393	+	1153.200		1146.470		1129.808		1120.312		1119.696		1112.300		1108.449		1106.269		1099.100		1080.542		
1	0	2801255 11		2801282 11		2801225 11	-	2800971 11		2800656 11		2800462 1	_	2800297 1	-	2800089 1	-	2799865 1	_	2799608 1		2799396 1		2799019		ET 100
GPS Coordinates	Easting No	432274 28		432334 28	-	432482 28	-	432689 28	-	432946 21		433141 2	-	433212 2	-	433214 2	-	433160 2		433189 2		433170 2	-	433146	-	A DANA RS
9	TYPE Ea	4		DD+0 43	-	DC+0 4	-	DB+0 4	-	DB+6 4	-	DC+0 4		DC+0 4	-	DC+0		DC+0		DB+0		0+90				BUILDING
	Angle of TC Deviation T	00.00.00		48°44'50" RT C	-	27°22'15" RT	ž	02°28'02" LT	-	05°59'35" LT	5	22°02'40" RT		22°24'40" RT		16°23'35" RT		F	-	11°43'40" RT		02°28'50" LT	1 20 20	1 1 1 1 1 1 1 1 1 1 1 1	03'54 15 1	2018 3
	Tower No	Ex Loc 62		1A/0 4		-	2A/0 2	3A/0	-	-	4A/0	5A/0		6A/D		7 A/0	-		8A/0	9A/0		10A(0	TUMO	UIVE	11A/0	BUI
-	AP NO. To	Ex Loc 62 E)		47.07	AP 1A		AP 2A	AP 3A	Lo JA	N	AP 4A	AP 5A	AFon	AP 6A	Ar en	AP 7A	AF 1.5		AP 8A	AP 9A		VUT U.	AP 10A		AP 11A	
-	SL. A	1 E	-		2		~	4			ца La	c.		Þ		00		1	σ	10	2		Ŧ		12	A STORE

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UNIQUE STRUCTURES & TOWERS LTD TW-02 (Pro-053B).- Construction of Lilo of both circuits of 132kV D/c MLHEP_Khilishriat line at Mynkre Sub-station.

																						•				Clac lal
	Remarks, if any				VALLEY				METAL ROAD.								VALLEY						VALLEY			Any the / B. NECHmmende Approved by 6)/10 Internation / Nechmmende Approved by 6)/10 Internation / Managor PGCIL
	TOTAL	480		243		335		204		210		217		547		524		-647		704		508		287	-	Part And A Median
	RIGHT	304		273		239		191		116		164		511		874		74		233		388		355		CT AND
-	LEFT	176		-30		96		13		94		53		36		-350		-721		471		120		-68		संघि / B घक / M.
	TOTAL	394		273		326		229		217		204		405		382		-261		605		441		294	2-	And the start of the land
	RIGHT	239		238		195		172		104	2	139		344		565		151		211		299		274		E A
T	LEFT	155		35		131		57		113		65		61		-183		-412		394		142		21		A A
	Wind Span	260		322		311		269		227		185		181		157		349		449		337		306		Submitted by
	sum of adjacent Span (M)	520		643		621		537		454		369		361		314		698		898		673		611	(CIO
	ulative route in Length (M)	2948		3222		3591		3843		4128		4297		4497		4658		4811		5356		5709		6029		PLON OF THE
	Section Length (M)	246		274		369		252		285		169		200		161		153		545		353		320	6029	
	SPAN (M)		274		369		252		285		169		200		161		153		545		353		320		6029	はの
Reduced		1087.934		1072.469		1061.491		1051.867		1047.246		1045.437		1041.145	-	1017.764	-	976.583		1010.183		1006.488		981.885		Ellonus Barlouna
1		2798773 10		2798517 10		2798155 10		2797903 10		2797623 10		2797527 10		2797349 10		2797220 10		2797090 91		2796591 10		2796271 10		2795973 91		CONTRACTOR OF
	g Northing			-		-		-							-	-		200		10000		12.05		Chur-		R. O.
10 10 10 10 10 10 10 10 10 10 10 10 10 1	Easting	433146		433048		432978		432981		432926		432788		432695		432599		432525		432298		432452		432561		150 an anon
	TOWER	DC+0		DB+0		DB+0		0+80		0+00		DC+0		DB+0		0+QQ		0+QQ		DD+3		DB+0		DC+0		
	Angle of Deviation	21°19'40" RT		10°14'50" LT		11°30'20" LT		11°40'20" RT		44°02'18" RT		27°32'11" LT		08°57'47" RT		06°41'29" LT		05°20'26" LT		11 "e0'31°'03		05°40'44" RT		19°18'41" LT		7
	Tower No	12A/0		13A/0		14A/0		15A/0		16A/0		17A/0		18A/0		19A/0		20A/0		21A/0		22A/0		23A/0		THERS IT
	NO.	AP 12A		AP 13A		AP 14A		AP 15A		AP 16A		AP 17A		AP 18A		AP 19A		AP 20A		AP 21A		AP 22A		AP 23A		HILES A
		5		14		15		16		17		18		19		20		21		22		23		24	-:(M)	ESTATIS 3

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22	400KV LINE dic line T.N. 206 T.N.D. 207 Earth wire d.cut	-4 m - 1 - 4	-86	82	4	-27	. 68	114	228	9933	93	93	805 494	2792876	434479	DD-4 5	41-31*13* RT	34A/2	AP 344/2	13 A
	Earth wire d.cut	-412 E	11	-423	-217	25	-242	92	184	9840	16		804.388	2792883	434388	DD-4.5	01°41'31" RT [34A/1	AP 34A/1	12 A
							-	-				91				-				-
		563	514	49	403	333	70	151	301	9749	210		814.293	2792887	434299	DC+0	15°19'26" LT	34A/0	AP 34A	1
	NALA	2										210								-
		227	161	66	239	140	99	259	517	9539	307		818.292	2792977	434110	DD+0	52"26'38"LT	33A/0	AP 33A	10
	NALA	7										307				-				
		798	241	557	594	207	387	271	542	9232	235		827.357	2793279	434028	DC+0	22°33'20" RT	32A/0	AP 32A	9
								-				235				-				-
		-53	-322	269	183	-152	335	557	1114	8997	879		792.486	2793459	433873	SPL+0	23°30'12"LT	31A/0	AP 31A	œ
	SESYENMPA RIVER	10										879								
		283	610	-327	395	544	-149	587	1173	8118	294		843.095	2794306	433651	SPL+0	11°27'32"RT	29A/0	AP 29A	7
1-1-5-5	NALA											294								
1		543	621	-78	458	443	15	309	618	7824	324		891.708	2794566	433520	DD+0	05*59*16" LT	28A/0	AP 28A	σ
												324								
		532	402	130	465	309	156	360	719	7500	395		917.742	2794882	433464	DD+0	46"38'00" RT	27A/0	AP 27A	ch
												395								-
		73	265	-192	171	239	-68	324	647	7105	252		926,768	2795102	433132	DB+0	02°44'20" RT	26A/0	AP 26A	4
												252								
		667	444	223	562	320	242	398	795	6853	543		947.471	2795237	432920	DD+6	38°46'35° LT	25A/0	AP 25A	ω
	VALLEY											543								
-		267	320	-53	323	301	22	417	834	6310	291		962 340	2795748	432745	DC+0	20 34'47" RT	24A/0	AP 24A	N
	VALLEY											291								
-		277	344	-68	290	269	21	306	119	6019			981,885	2795973	432561	DC+0	19°18'41" LT	23A/0	AP 23A	
	Remarks/ Crossing.	TOTAL	RIGHT	LEFT	TOTAL	RIGHT	LEFT	Span (M)	Adjacent Span (M).		Length (M).	Span (M)	Level at center peg of Location.	Northing	Easting	Tower Type	Angle of Deviation	Tower No	Location No.	No.
-		D (M)	Weight Span COLD (M)	Weigh)T(M)	Weight Span HOT(M)	Wei		2	Cum.	2		Reduced	ordinates	GPS Coordinates					

Page 1 of 2

TW-02 (Pro-053B):- Construction of Lilo of both circuits of 132kV D/c MLHEP_Khilehriat line at Mynkre Sub-station. Tower Schedule of Loop In Line from AP23A/0 to Gantry of Mynkre Sub-station (Route Length-6.713Kms). Client:- Power Grid Corporation of India Limited.

Date

5-Feb-18

UNIQUE STRUCTURES & TOWERS LTD

OUE	STRUC		24 GANTRY		23 AP 45A		22 AP 4		21 AP 43A		20 AP 42A		19 AP		18 AP		17 AP		16 AP		15 AP		14 AP		
	6.1	Line					44A .				-		AP 41A		AP 40A		AP 38A		AP 37A	0-1-2	AP 36A		AP 35A		
SHILLOWS	RUSTL		GAN		45A/0		44A/0		43A/0		42A/0		41A/0		40A/0		38A/0		37 A/0		36A/0		35A/0		
Rai	R		.00,00,00		10°54'14" LT		05°59'56" LT		17=45'55" LT		23°27'13" RT		21°56'05" LT		25°37'54" LT		07°42'05" RT		11°03'10" RT		25°47'20"LT		32°44'41" RT		
NOUE	500				DD+0		DB+0		DC+0		DC+0		DC+0		DC+0		DD+6		DB+3		DC+3		DD+0		
SHILLOWS	5/3		436352		436247		436077		435898		435554		435329		435192		434984		434899		434639		434572		-
CONC CONC	URES N. W.	ROUTE LE	2791024		2791046		2791105		2791192		2791516		2791601		2791685		2792084		2792244		2792550		2792781		
3		ROUTE LENGTH in Kms	704.301		718.903		732.868		738.703		739.134		1 756.783		5 769,898		4 818,101		4 830 100		0 813.144		1 808.001		
HIGUE	STA	6713		111		181		194		475		240		260		319		245		409		230		135	-
(*	USTIC.		111		181		194		475		240		260		319		245		409		230		135		-
Ch St	TOME		12732		12621		12440		12246		11771		11531		11271		10952		10707		10298		10068		
	Checkersy 31. कु. कुलकेच / वरिज अभियन्ता पावरीकि डिकारणट / P		111		292		375		669		715		500		579		529		619		639		365		
T. May	Checketky 21. कु. कुलन्नेच / वरिष्ठ अभियन्ता वरिष्ठ अभियन्ता		56		146		188		335		358		250		290		265		310		320		183		
elula	6 / E	-	-186		-51		42		236		-15		40		-171		62		281		180		163		
			0		294		232		152		239		253		220		490		183		129		51		
भूबन्धकः । । । । । । । । । । । । । एनईआरपीएसआईपी पावरग्रिङ कितेरवार । ।	Recommended by		-186		243		274		387		224		293		49		552		463		309		213		
भवन्धकः / managen एनईआरपीएसआईपी / NERPSIP पावरग्रिङ दिवलेरवातः / PO/VEIRCRID प्रभवन्द्रस्त	El a la		-334		-138		0		235		86-		-19		-355		-13		327		220		221		
ERPSIP ERCRIP VA			0		445		319		186		240		338		278		674		232		82		-10		
liardat			-334		307		327		421		142		318		-77		661		559		302		231		Date -
	Approved by Whand 9/2/2018 PGC/L	2004 2005								Metal road		NALA													- 5-Feb-18

Page 2 of 2

OTAL LEFT RIGHT TOTAL 238 -19 244 225 238 -19 244 225 272 17 251 268 272 17 251 268 198 45 92 137 198 45 92 137 462 201 390 591 462 201 390 591 281 -170 538 368 281 -160 536 234 -115 -469 235 -234 -161 0 536 368							DEVIAT	ED DETA	DEVIATED DETAIL SURVEY AP 41A-GANTRY (MYNKRE)	AP 41A-GA	NTRY (M)	NKRE)			Weinht	Weight Span HOT(M)		Weight	Weight Span COLD (M)	(W)	AL 6411 37
Tower No Angle of Deviation Tower No Learning Evaluation Same No Magne of Deviation Current No Learning Current No Cu	-				GPS Col	ordinates			Reduced	-			Wind	.							Remarks/ Crossing.
Mature 10 43313 279161 0 755.783 260 521 220 236 13 244 235 APA1AD 10 535 11 10 1 1 1 1 1 1 266 244 255 APA1AD 15 535 13 10 736.783 50.87 50.87 50.87 256 244 256 246 256 244 256 256 256 256 135 256 135 </th <th></th> <th>wer No</th> <th>Angle of Deviation</th> <th>-</th> <th>and a</th> <th>Northing</th> <th>EXTN</th> <th></th> <th>Level at center peg of Location.</th> <th>_</th> <th></th> <th>Adjacent Span (M).</th> <th>Span (M)</th> <th>9</th> <th>LEFT</th> <th>RIGHT</th> <th>TOTAL</th> <th>LEFT</th> <th>RIGHT</th> <th>TOTAL</th> <th></th>		wer No	Angle of Deviation	-	and a	Northing	EXTN		Level at center peg of Location.	_		Adjacent Span (M).	Span (M)	9	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	
APALAD 10 353 14 11 DB+0 43334 13 0 736/13 550/37 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>c</td> <td>c</td> <td>756 783</td> <td></td> <td>260</td> <td>521</td> <td>-</td> <td></td> <td>38</td> <td>200</td> <td>238</td> <td>-19</td> <td>244</td> <td>225</td> <td></td>							c	c	756 783		260	521	-		38	200	238	-19	244	225	
National 1 00 + 18 3552 139 50 50 50 50 50 50 10 201 201 10 201 <td>-</td> <td></td> <td>35 14</td> <td>+ BO</td> <td>435319</td> <td>2/91601</td> <td>5</td> <td>5</td> <td></td> <td>260.87</td> <td></td> <td></td> <td>Г</td> <td>10.002</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Pine & mixed jungle</td>	-		35 14	+ BO	435319	2/91601	5	5		260.87			Г	10.002							Pine & mixed jungle
APPARAND 15 33 RT DD + 18 43552 273436 13 0 160.4 100.4 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td>NOT OUT</td> <td></td> <td>520.87</td> <td>557</td> <td>278</td> <td></td> <td>61</td> <td>211</td> <td>272</td> <td>17</td> <td>251</td> <td>268</td> <td></td>							1	1	NOT OUT		520.87	557	278		61	211	272	17	251	268	
AP 43A/0 15 32 19 10 731256 9 0 72/531 589 589 235 85 113 198 45 92 137 AP 43A/0 15 32 19 1 10 23 10 1 10			53 ' 35 "	-	435552	2791458	18	0	18/97/	296	10:075			10.25	45144						U/C 132KV D/C AMRIT CEMENT T/L BETWEEN AP 19/0 DC+0 - AP20/0 DB+3 XING ANGLE 61°,Metal Road
AF4ANO 15 24 0.5 5.36 5 293 533 513 533 472 480 531 2930 531 AP4ANO 32 33 47 1 DD + 6 436048 5 0 735,906 5 109,87 513 257 208 462 201 390 531 AP4AANO 32 33 47 1 DD + 6 436048 273106 5 220 1109,87 513 257 200 180 233 363 363 APAANIO 7 42 21 81 10 330 531 363 363 363 363 363 363 363 363 363 363 363 363 363 364 770 538 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 368 <td< td=""><td></td><td>_</td><td></td><td>_</td><td>435801</td><td>2791226</td><td>σ</td><td>0</td><td>727.531</td><td></td><td>816.87</td><td>589</td><td>295</td><td></td><td>85</td><td>113</td><td>198</td><td>45</td><td>92</td><td>137</td><td>Proposed TOT DD due to power line xing</td></td<>		_		_	435801	2791226	σ	0	727.531		816.87	589	295		85	113	198	45	92	137	Proposed TOT DD due to power line xing
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			6T 75	-						293				-5.38							cart track, Pine & mixed jungle
APAAA/0 32° 33° 47" 17< DD + 6 436048 57306 6 735,966 1109.87 513 524 528 528 528 528 528 528 528 528 528 528 528 528 528 538 35									A Loss of Loss of Loss		and the second		167		180	282	462	201	390	591	
AP4AA1/0 7 ° 42 ° 31 " RT DB + 0 436048 770 0 0 1 220 1 4 2 3 2 1 1 0 538 368 AP4AA1/0 7 ° 42 ° 31 " RT DB + 0 436048 0 0 0 721.106 5 1329.37 290 145 -62 343 281 -170 538 368 AP4AA1/0 1 2 1 1 0 0 0 71.06 538 363 363 363 368			0 33 47 "	+ qq	436048	2791096	9	0	735,906	-	1109.8/	FIC	107	20.80	-						cart track, Pine & mixed
AP4AA1/0 7 42' 31 " RT DB + 0 436048 2791056 0 721.106 1329.57 290 145 70<										220					5	EVE	781	-170	538	368	
APASA/0 21° 52° 40° RT DD + 0 436247 2791046 0 0 709.283 144 72 4.94 273 158 -115 469 235 .234 APASA/0 21° 52° 40° 1 72 4.94 72 4.94 72 4.94 72 4.94 73 141 72 4.94 72 161 0 -161 161 161 0 <td< td=""><td>-</td><td>1</td><td>0 42 1 31 #</td><td>1</td><td>436048</td><td>2791096</td><td>0</td><td>0</td><td>721.106</td><td>-</td><td>1329.87</td><td>290</td><td>145</td><td>11.82</td><td>Yp.</td><td>1</td><td></td><td></td><td></td><td></td><td>Pine & mixed jungle</td></td<>	-	1	0 42 1 31 #	1	436048	2791096	0	0	721.106	-	1329.87	290	145	11.82	Yp.	1					Pine & mixed jungle
AP45A/0 21° 52° 40° 430° 434 494 404 494 404 494 404						1000000		3	tor our	20750	1 200 45	144	72		-273	158	-115	-469	235	-234	
Image: Number length Image: Nu			° 52°40 °		436247	2791046	0	0	\$27°60/	10.00	PL:POT			4.94							Pine & mixed jungle
GANNTRY 0 0 0 0 1 0 1000000000000000000000000000000000000					-	second and a second			Car Tour	14.04	1472.40	144	72		-84	0	-84	-161	0	-161	Mynkre gantry bay
Recommended by Recommended by Action Recomme	-		0,00	GANNTRY		1/016/2		0	c+c.cn/												
Alter Actual of a contraction of a contract and prover action of the contract actual prover action	Surveyed by		offer	en of			-	2	Submitte	5782.1.5					Check	ADIA	/	POWER GRIP	e che		Approved by Mount POWER GRID

UNIQUE STRUCTURES & TOWERS LTD

Page 1 of 1

UNIQUE STRUCTURES & TOWERS LTD

TW-02 (Pro-053B):- Construction of Lilo of both circuits of 132kV D/c MLHEP_Khliehriat line at Mynkre Sub-station. Tower Schedule of Loop Out Line from Merging point i.e. Existing Location 66 to AP 23B (Route Length-7.201Kms). Client:- Power Grid Corporation of India Limited.

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	Remarks/Crossing		POND.		NALLA		CT, 2 Nos NALLA.				NALLA		CART TRACK.				2 Nos METAL ROAD.		VALLEY		VALLEY				VALLEY		NALLA, Cart Track	Arbonder ar. gr. grader are arban were / Manager arbe arban were / Manager
(iw) n	TOTAL	280		23		289		603		347		287		254		211		425		326		562		91		396		
weight span coch (m)	RIGHT	280		122		32		310		232		211		195		161		311		326		360		195		202		
Meight	LEFT	0		66-		257		293		115		76		59		50		114		0		202		-104		194		
(ivi)	TOTAL	207		122		314		514		355		287		256		230		391		362		496		181		377		
Weight Span HUT (M)	RIGHT	207		148		83		272		202		181		167		152		268		302		270		195		183		
Weight	LEFT	0		-26		231		242		153		106		89		78		123		60		226		-14		194		Cilai
1 2000000	Span	91		280		352		375		367		289		258		260		293		420		392		322		347		ALLINIT ALLINIT
Sumof	Adjacent Span (M)	181		560		704		750		733		578		515		520		586		839		783		644		694		前部 / B. 王石 / Ma 中国
10	Route //			181		560		885		1310		1618		1888		2133		2408		2719		3247		3502		3891		Artscholer 9. 15 and 14 at 18 , 18 Manager 3. and and Manager Manager
	Section Length (M)			181		379		325		425		308		270		245		275		311		528	121	255		389		अ. क. यूर्व वरित आ
	Span (M)		181		379		325		425		308		270		245		275		311		528		255		389		305	HOWERS
Reduced	Level of the Location	1135.441		1123.850		1132.426		1140.746		1132.736		1124.668		1117.777		1111.820		1109.628		1090.272		1082.284		1062.296		1062.169	9	000
	Northing	2801866 1		2801721		2801404		2801081		2800708		2800405		2800138		2799895		2799624 1109.628		2799311 1090.272		2798785		2798534		2798181		BIE JOST
GPS Coordinates	Easting	433293		433202		432983		433022		433229		433275		433304		433255		433263		433275		433253		433207		433048		(Junabarry
	Tower	DC+0		DB+0		0+DD		DC+6		DC+0		D8+0		DC+0		DB+0		DB+0		DB+3		DB+0		DC+0		DC+0		
	Angle of Deviation			08°07'00" LT		38°00'25" LT		22°28'00" LT		20°21'00" RT		02°46'20" RT		17°24'55" RT		13°21'50" LT		02°22'40" LT		04°28'5" RT		07°07'00" RT		15°11'15" RT		22°58'53" LT		SHILLONG
	Tower No	Ex Loc 66		1B/0		2B/0	4	3B/0		4B/0		5B/0		6B/0		78/0		8B/0		9B/0		10B/0		118/0		128/0		2
	AP NO.	Ex Loc 66 E		AP 18/0		AP 2B/0		AP 38/0		AP 48/0		AP 58/0		AP 68/0		AP 7B/0		AP 8B/0		AP 9B/0		AP 10B/0		AP 11B/0		AP 12B/0		DOWERS
	SL. No.	Ű			-	2	-		-	4	-	5	-	9	-	7	-	80	-	σ		10	-	11	-	12	-	SHILLONG

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	Remarks/Crossing		METAL ROAD																					
iul n	TOTAL	385		281		394		No. and C	568		-498		582		450		253		262		270		161	
weight opan coco (m)	RIGHT	283	-	122		396	222		222		29		120		290		360		335		315		0	
THBIAM	LEFT	102		159		6	4		-209		-527		462		160		-107		-73		-46		161	
(IN)	TOTAL	380		281		201	100		432		-161		506		365		246		272		313		191	
Weight Span HUT (W)	RIGHT	259		98		970	617		524		113		128		213		276		261		285		0	
Weight	LEFT	121		183			77		-92		-274		378		152		-30		1		28		191	
100 M	Wind Span	221		281			154		219		371		386		232		235		288		383		238	
Cumof	Adjacent Span (M)	442		562			307		437		741		771		463		470		576		765		476	
Culli-		4196		4638			4758		4945		5195		5686		5966		6149		6436		6725		7201	
	Section F Length (M) L	305		442		1	120		187		250		491		280		183		287		289		476	7201
	Span (M) S		442			120		187		250		491		280		183		287		289		476		7201
Reduced		1056.975		1047 706			045.210		1026.131		971.123		1007.058		1008.974		996.727		975.719		957.184		944.756	Length:-
-	0	2797874 1	-	7707AE4 4	_		27997344 1045.210		2797200 1		2797049		2796602 1		2796350 1		2796190		2795914		2795684		2795236	Total Route Length:
GPS Coordinates	Easting h	433041 2	-	UFOCCE	-		432858 2		432738		432538		432336		432459		432549		432626		432800		432963	
	Tower	DC+0	+	0.00	0+00		DB+0		0+00		DC+0		0+0Q		0+80		0+8Q		DC+0		DC+0		НОГР	
	Angle of Deviation	15°54'10" RT	+	-	U8-2/ 30 KI		14°18'00" RT		12°52'14" RT		28°32'22" LT		50°22'00" LT		03°05'50" LT		13°31'06" RT		21°26'45" LT		17°07'08" RT		DECIDED LATER	
	Tower No	12010	-	-	148/0		15B/0		16B/0		17B/0		18B/0		19B/0		20B/0		218/0		228/0		23B/0	
-	AP NO.	VIDET UV	1 12010		AP 14B/0		AP 15B/0		AP 16B/0		AP 17B/0		AP 18B/0		AP 19B/0		AP 208/0		AP 21B/0		AP 22B/0		AP 238/0	
	SL. No.	-	2	-	14 P		15 4		16 /	-	1 11	-	18	-	19	_	20	-	21	-	22	-	23	-

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D Wegheleye ProPeder Contrester PLOTTINGLoop Out Ex 66, AP23B Finel Print Draft did 03102017/Loop_Out_Tw_Son_Ex86, AP23B_ald_23092017 xis we

				GPS Co	GPS Coordinates	Reduced			Cum.	100 V	No. 22	BiaAA	Weight Span HOT(IV)	(IAI) I O	weight	weight span COLD (W)	OLD (W)	
Sr. Location No. No.	n Tower No	Angle of Deviation	Tower Type	Easting	Northing	Level at center peg of	Span (M)	Section Length (M).	Route Length (M).	Adjacent Span (M)-	(M)	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	Remarks/ Crossing.
1 AP23B/0) 23B/0	45°08'11"LT	DD+0	432963	2795236	943.459			7170	826	413	185	199	384	153	215	368	
							350											
2 AP24B/0) 24B/0	18°33'20" RT	DC+0	433285	2795130	938.748		350	7520	069	345	151	275	426	135	340	475	
_							340											
3 AP25B/0) 25B/0	20°02'36" RT	DC+3	433525	2794885	916.050		340	7860	585	293	65	283	348	0	386	386	
							245											
4 AP26B/0	268/0	11°53'46" RT	DD+0	433636	2794673	897.575		245	8105	632	316	-38	470	432	-141	645	504	DD tower type is proposed due to wt span retriction.
							387											
5 AP27B/0	278/0	02°16'41" LT	SPL+6	433737	2794300	832.591		387	8492	1235	618	-83	511	428	-258	568	310	
							848											SESYAMPA RIVER
6 AP29B/0	29B/0	33°23'20" LT	SPL+6	433982	2793487	791.479		848	9340	1111	556	337	-105	232	280	-252	28	
							263											
7 AP30B/0	30B/0	47°53'42" RT	DD+3	434180	2793326	827.987		263	9603	478	239	368	182	550	515	228	743	
							215											
8 AP31B/0	31B/0	42°40'01" LT	0+0	434191	2793114	822.103		215	9818	469	235	33	275	308	-13	370	357	
							254											Nalla
9 AP32B/0	32B/0	34°17'20" LT	DD-3	434372	2792937	804.308		254	10072	390	195	-21	23	N	-116	4	-117 E	E/wire to be diamond cut
							136										•	400 KV D/C XING
10 AP33E/0	33B/0	31°29'40" RT	DD-3	434486	2792908	807.692		136	10208	361	181	113		114 14	137	-71	66 E	E/wire to be diamond cut
							225											
STURES	07	000	STURES	0		RUC	STURES	of the	AOFI	AL.			2	29			B	(m
R. 0.	1 IL	ALL AND	CLINE O.				R.O.		R			2	i f	X	T			
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J.

UNIQUE STRUCTURES & TOWERS LTD TW-02 (Pro-053B):- Construction of Lilo of both circuits of 132kV D/c MLHEP_Khliehriat line at Mynkre Sub-station. Tower Schedule of Loop Out Line from Merging point i.e. Existing Location 66 to Gantry of Mynkre Sub-station (Route Length-5.789Kms). Client:- Power Grid Corporation of India Limited.

Addition Additi	t Span (M) 3 574	E S	- 57		M).	400 Wind	LEFT 1	_EFT RIGHT TOTAL	TOTAL 425	LEFT 296	RIGHT TOTAL 141 437		Remarks/ Crossing.
And And And		225	1043.			400	224	201	425	295	141		
		1											
		1		1	-								Valley.
245			A REPORT OF A		_		010	313	785	433	289	722	
		5/4	11007	1	758	379	3/3	212	COC	400	202	1.66	
	184		,										2
		184	1119			272	-28	518	490	-105	726	621	DD tower type is proposed due to wt span retriction
	360												
		360	1155		174	404	-158	308	150	-366	361	-5	
	448												
		448	11999			328	140	213	353	87	282	369	
	207												Nalla
	-	207	12200			234	ත්	66	60	-75	26	-49	
	260							10 - 14 					Nalla
_		260	1246	No.418-6		271	194	164	358	234	179	413	
	281						-						Metal road, 11KV Line
	~	281	1274			197	117	262	379	102	390	492	
	113												
		113	1286			106	-149	380	231	-277	567	290	
	66	3											
		66	1295	-	66	50	-281		-281	-468		468	
Route Length		Kms.											
S	ubmitted	by			C	heckeo	by		71	ecomm	ended by	*	Approved by
	GTURE	5		5	H AN	1200	1			CF -	AN AN	1729	Many
STR	R. 0.		्य <u>स्</u> र	र्थि ज स्थ	विवन्ता /	A. K. I	NCINE		\backslash	8	SIL		8/01/2018
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				5111k 12	ALL VED	1 / JT. E	ingineer	1268	पावलीड	रवसरवाट।	POWERC	(1) Khinhe	Ŧ
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UNIQUE STRUCTURES & TOWERS LTD

Page 1 of 1

TW-02 (Pro-053B):- Construction of Lilo of both circuits of 132kV D/c MLHEP_Khilehriat line at Mynkre Sub-station. Tower Schedule of Loop OUT Line from AP 38B/0 TO Gantry of Mynkre Sub-station (Route Length-1.40825Kms). Client:- Power Grid Corporation of India Limited.

D (M)	Remarks/ Crossing.		Pine & mixed jungle				Pine & mixed jungle		Pine & mixed jungle	Proposed TOT DD due to power line xing	U/C 132KV D/C AMRIT CEMENT T/L BETWEEN AP 17/0 -AP18/0 XING ANGLE 61°, Metal Road		Pine & mixed jungle,Cart track		Pine & mixed jungle			d by	and 05/06/2018	GRID	
(W) (TOTAL	20	<u>a</u>	60		206	Р	4	E.	404 P	<u> </u>	409	4 1	532		-531		Approved by	my	POWER GRID	
Weight Snan COLD (M)	RIGHT	368		245		188		-59		85		390		632		0			E	Ware	
Weinht :	LEFT	-348		-184		18		18		319		19		-101		-531			E.		ntat
TIM	TOTAL	114		122		44.00		65		319		327		400		-309					XIP KID Khileh
Weinht Snan HOT(M)	RIGHT	261		201		155		14		72		295		407		0		nded by	000	GRID	POWERG
Wainht	LEFT	-147		-79		61		50		247		32		-7		-309		Recommended by	6716418	NUT AND POWER GRID	गिएसआईमी खिलेस्वाट।
	Wind Span (M)	92		223		234		233		182		197		196				æ	(Telo	1 (1) 12 12	aদ্বদ্বাদেন দালধ্যীত্র iat
	Sum of Adjacent Span (M).	184		447		469		466		364		394		391							(ulshresth IngineER
	Section Length A (M). S			183.92		263.02		205.86		260.3		104.05		289.5		101.6		Checked by	3y 3 and 400	POWER GRID	Bodyte IA. K. Kulshresthar เวิ่มหางกับสารีที่ / NERPSIP สามาร์ I.S. ENGINEER สาสาชิวส ใชลังสาว / POWERGRID Khilehmar สามาร์ I.S. ENGINEER สาสาชิวส ใชลังสาว / POWERGRID Khilehmar อาการ / POWERGRID Khilehmar
-	Span (M)		183.92		263.02		205.86		260.3		104.05		289.5		101.6		1.408		an	POV	06 1 1
Doducod	Level at center peg of Location.	766.349		749.188		739.134		733.247		742.351		732.196		724.708		705.767					. ज
E		2791749		2791641		2791516		2791430		2791272		2791193		2791107		2791071	GTH IN KM	Submitted by	d'	USTL	All Asshrid Hoque Brond Manager
	GPS Coordinates Easting Northing	435180		435322		435554		435740		435944		435998		436291		436383	ROUTE LENGTH IN KM	SI	· A		1 Hoque
	Tower Type	0+QQ		DB+0		DB+0		DC+0		5.7+00		DD+18		0+00		GANTRY		Ka	STRUCK COLUM	R	
	Angle of Deviation	31°08'40" LT		09°58'36" LT		05°57'12" LT		17°18'43" RT		18°20'47" RT		41°53'37" LT		14°44'09" RT		00.00.00		Checked by	STRICE STRICE	15 MISTI	ALLE
	Tower No	AP 38B/0		AP 39B/0		AP 40B/0		AP 41B/0		AP 42B/0		AP 43B/0		AP 44B/0		GANTRY		1 by			
	Location No.	AP 38B/0	-	AP 39B/0		AP 40B/0		AP 41B/0		AP 42B/0		AP 43B/0		AP 44B/0		GANTRY		Surveyed by	A	USTL	
	SL. NO.	-		2			1	4		S		9		7		ø					

Remarks	S/S Boundary	S/S Boundary	S/S Boundary	A BOULDO C C		span									long span			Elev2418 ft	Elev2407 ft	Elev2410.II Flav2410	Elev2408	Elev2409	Elev2410	Elev2415	Elev2423	Flav2427	Elev2447	Elev2455	Elev2470	Elev2485	And for this according allow	O KV ILLIE CLOSSING, CICV 2502 ft.	Elev2514	Elev2523	Elev2527	Elev2532	Elev2553	Elev2569	Elev2574		Approaching raised level	K	A NUMBER OF
Line Crossings																															ANK.	400 kv line crossing						11KV Line X-ing	-	-	I LAN M	A D A	
Longitude	92.369159	92.369349	10/605.26	00 360540	92 368974	92.368380	92,367747	92,367154	92.366638	92,366063	92.365470	92.364950	92 364268	92.363782	92,363328	92.362770	92.362440	92,362065	92,361570	92,360610	92,3601.05	92.359533	92.359028	92.358580	92.358070	00//00/76/76	92.356940	92.356600	92.356310	92.356010	92.355550	92.355140	92.354810	92.354410	92.354090	92.555/50	92 353050	92.352660	92.352217	92.351880	92.351670 07.351530	00212000	
Latitude	25.234108	25.234023	164462.C2	010100000	25 235415	25.235580	25.235728	25.235854	25,235917	25,235986	25,236036	25.236056	100007707	25.235796	25.235887	25.236262	25.236532	25.236820	25.23/060	080762-62	25.237090	25.237053	25.237080	25.237240	25.237480	060/07/07	25.238210	25.238570	25.238920	25.239170	25.239640	25.240010	25.240300	25.240590	25.240940	25.241.290	25 241 920	25.242180	25.242573	25.242890	25.243340	01/01/01/020	
Angle of deviation	and the second second	74'60'56"	10.77.10	at herooe	102581	2°57'86"	1°27'34"	5°53'19"	0°13'02"	2°23'15"	2°89'06"	36°28'36"	100000	"00,10 ₀ 01	24°11'63"	= 16,15 ₀ 5	107973"	10714'00"	1.02.17	#19/5Col	5°34'44"	794773"	18°16'29"	5°94'00"	9°34'41"	13072/61	8°00'27"	3°65'62"	10°49'56"	5°82'80"	3~54'83"	0°76'07"	5°46'01"	10°69'64"	1°71'46"	"1471-4- "DCISNOIL	*000000	8°05'23"	1°67*78*	20°99'30"	3*99915" 24*06916"	10010	
Village Name	Umlaper Village	Umlaper Vullage	Umlaper Village	Unitation Village	Umlaner Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaner Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaner Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaner Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Umlaper Village	Cluddret V Hidge	
Nature of Damege(tree/hut)																																							8 Nos Tree	9 Nos Tree	10 Nos Tree	1 V VI IL	
		Along the substation Boundary	Along the substation Boundary	Along the Dool Ditt	Along the Road-Pvt		Along the Road-Pvt.	Along the Road-Pyt	Alone the Road-Pvt	Along the Road-Pvt.	Along the Road-Pvt	Along the Road-Pvt	Along the Road-Pvt.		Along the Koad-PVL	Along the Road-Pvt	Along the Road-Pvt.	Along the Road-Pvt.		Along the Road-Pvt.	Along the Road-Pyt.	Alone the Road-Pvt	Along the Road-Pvt		Along the Road-Pvt.		Along the Road-Pvt.	Along the Road-Pvt.			Along the Road-Pvt.	Along the Road-PVt.	Along the Road-Pvt.	Along the Road-Pyt.	Forest Land-Pvt.	Forest Land-Pvt.	Forest Land-Pvt. Forest Land-Dvt	L'OLOSE LOUID-L YL					
Cumulative Span	53	82	1.00	107	322	388	449	501	559	619	671	707	202	842	912	557	1006	1062	1102	1208	1265	1316	1364	1422	1461	1563	1616	1665	1706	1776	1834	1880	1932	1983	2035	7136	2185	2247	2296	2350	2393	2112	
(Span in mt)	22	09	22	50	62	99	61	52	58	60	52	36	48	47	70	45	49	56	40	20	57	SI	48	58	39	54	53	49	41	70	58	46	52	51	52	20	49	62	49	54	6	20	10.0
Pole To	FP-2	DP-1	trp.4	sp 1	SP-2	DP-2	SP-3	SP-4	SP-5	SP-6	DP-3	SP-7	6-dS	DP-4	DP-5	SP-10	SP-11	DP-6	SP-12	P1-dS	SP-15	SP-16	DP-7	SP-17	SP-18	DP-8	SP-20	SP-21	DP-9	DP-10	II-dd	DP-12	SP-22	SP-23	SP-24	57-40	DP-13	DP-14	DP-15	SP-27	DP-16 cp 38	07.10	
Extension Pole From Pole To	FP-1	FP-2	1-401	V GA	Sp-1	SP-2	DP-2	SP-3	SP-4	SP-5	SP-6	DP-3	Sp-8	SP-9	DP-4	DP-5	SP-10	SP-11	DP-6	SP-13	SP-14	SP-15	SP-16	DP-7	SP-17	SP-10	DP-8	SP-20	SP-21	DP-9	DP-10	DP-11	DP-12	SP-22	SP-23	52-24 52-25	SP-26	DP-13	DP-14	DP-15	SP-27	01-1/1	- CD - DO
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SL. No. Loc	-	+	5 P	+	-	-	8 8			11 A		13 A		+	-	18 A			+	A 52			-	+	+	30 A	-	32 A	-	34 M		36 AJ	-		+	40 AI	-	43 AI			46 AJ	+	

33KV line from proposed 132/33KV Mynkre to 33/11KV Rymbai S/S. MEG-DMS-01 Name of Distribu tion line Package

Page 1 of 6

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Khitehriat Dis Toution Division

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| | Approaching raised level | | | |

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 | 25.255620 | 25.256010 | 25.256460
 | 25.256780 | 25.257210 | 069702.02 | 25.258090 | 25,258690 | 25.259150 |
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 | C 200 | R |
| 4.2247" | 17°98'86" | 19/10/1/0 | 21062000 | #2010201C | 1006164

 | 50°75'14"
 | "10'80°2" | 1°50'04" | 13°57'72"

 | 8°92'05" | 5°51'10" | 35°22'71'" | 54°62'46" | 34°48'43" | 501674" | 161/108V | 25-5925"
Vacatives

 | "960102CT

 | 1073'29 | 52°32'45" | 8°90'66" | 32°82′64" | 1°83'36" | 13°65'66" | 1927.20 | 100001 | 5098298"

 | 20°35'69" | 31°72'08" | 5°90/61"
 | 2698211" | 10201080 | 11.22.1 | 408832# | 108740" | 6°1675" |
23°35'84* | 1927613* | 16 10 77 | 98°71'32" | 0001127# | 1010 0 | 0°03'24" | "IT371"
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 | | Page 2 of 6 |
| 14 Nos Tree | 10 Nos Tree | 10 NOS LIFE | | |

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 | SP-38

 | DP-30 | SP-39 | DP-31 | SP-40 | SP-41 | CD 45 | SP-43 | DP.33 | SP-44

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SP-49 | SP-50 | 0.11 | DP-40 | DP-41 | ** *** | DP-42 | DP-43
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 | SP-38 | DP-30 | SP-39 | DP-31 | SP-40 | 57-41
ND 27 | CP-10 | SP-43 | DP-33

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Unlaper Village 17*5866* 25.245236 92.350170 AF54 DP-20 SP-31 SP-22 48 2865 Vacent Land-Pvt Unlaper Village 19*610* 25.34610 92.350170 AF55 SP-31 SP-32 282 Vacent Land-Pvt Unlaper Village 19*610* 25.34610 92.350190 AF56 SP-31 SP-32</td><td>AF50 DP-18 DP-19 47 2618 Forest Land-Prt. 14 Nos Tree Umlaper Village 4*5247* 25.245340 92.351340 92.351340 AP51 DP-19 SP-29 48 2666 Forest Land-Prt. 10 Nos Tree Umlaper Village 17*9886* 25.245340 92.351070 AP53 SP-30 97 2765 Vacent Land-Prt. 16 Nos Tree Umlaper Village 19*016* 25.245340 92.350070 AP53 SP-30 DP-20 47 2765 Vacent Land-Prt. Umlaper Village 19*016* 25.246360 92.350170 AP54 DP-20 47 2765 Vacent Land-Prt. Umlaper Village 16*06** 25.246360 92.350170 AP54 DP-20 SP-31 S2 28 Vacent Land-Prt. Umlaper Village 16*305* 25.34780 92.350170 AP56 SP-31 SP-32 48 285 Vacent Land-Prt. Umlaper Village 16*305* 25.34780 92.350170 AP56 SP-31</td><td>AF50 DP-18 DP-19 47 2618 Forest Land-Prt. 14 Nos Tree Umlaper Village 4*5247* 25.245340 92.351340 AP51 DP-19 SP-20 48 2666 Forest Land-Prt. 10 Nos Tree Umlaper Village 17*9886* 25.245350 92.351070 AP53 SP-30 SP-30 47 2768 Vacant Land-Prt. 10 Nos Tree Umlaper Village 17*9886* 25.245360 92.350070 AP53 SP-30 SP-31 S2 252 25.245369 92.350170 AP54 DP-20 SP-31 S2 2817 Vacant Land-Prt Umlaper Village 4"91076* 25.245369 92.350170 AP54 DP-20 SP-31 S2 2817 Vacant Land-Prt Umlaper Village 4"91076* 25.245369 92.350170 AP54 DP-20 SP-31 S2 28 Vacant Land-Prt Umlaper Village 4"92076* 25.247890 92.350190 AP55 SP-31 SP-33 SP-44899 27.48649<!--</td--><td>AF50 DP-18 DP-19 47 2618 Forest Land-Pvt. 11 Nos Tree Umlaper Village 4*247* 25.315.40 92.351340 AF51 DP-19 SP-20 48 2666 Forest Land-Pvt. 10 Nos Tree Umlaper Village 4*247* 25.31550 92.351070 AF53 SP-20 48 2765 Vacant Land-Pvt. 10 Nos Tree Umlaper Village 9*24509 92.350402 AF53 SP-20 SP-31 S2 2817 Vacant Land-Pvt. 16 Nos Tree Umlaper Village 9*4494* 25.346510 92.350402 AF54 SP-20 SP-31 SP-32 281 Vacant Land-Pvt. Umlaper Village 9*4494* 25.34630 92.350402 AF56 SP-31 SP-32 48 2913 Vacant
Land-Pvt. Umlaper Village 9*4494* 25.245490 92.350402 AF56 SP-31 SP-33 S2 2865 Vacant Land-Pvt. Umlaper Village 97.34590 92.35040 AF56 SP-34 DP-21</td><td>AF50 DP-18 DP-19 47 2618 Forest Land-Prt. 14 Nos Tree Unilaper Village 4*5247* 25.34550 92.351300 AP51 DP-19 SP-20 48 2666 Forest Land-Prt. 10 Nos Tree Unilaper Village 4*5247* 25.34550 92.351070 AP53 SP-20 48 2765 Vacant Land-Prt. 16 Nos Tree Unilaper Village 17*5866* 25.34550 92.35040 92.35040 AP53 SP-30 SP-30 47 2765 Vacant Land-Prt. Unilaper Village 17*586* 25.24550 92.35040 97.3640 92.35040 97.3640 97</td><td>AF50 DP-18 DP-19 47 2618 Forest Land-Prt. 14 Nos Tree Unilaper Village 4^5247^* 25.34530 92.35130 AP51 DP-19 SP-29 48 2666 Forest Land-Prt. 10 Nos Tree Unilaper Village 17°3866* 25.34550 92.351070 AP53 SP-30 SP-20 47 2765 Vacent Land-Prt. 16 Nos Tree Unilaper Village 17°3866* 25.34550 92.350170 AP53 SP-30 SP-31 S2 273 Vacent Land-Prt. Unilaper Village 17°486* 25.34650 92.350170 AP54 DP-20 47 2765 Vacent Land-Prt. Unilaper Village 17°476* 25.247380 92.350170 AP55 SP-31 SP-32 SP Vacent Land-Prt. Unilaper Village 17°476* 25.247480 92.350170 AP55 SP-31 SP-32 SP 34 SP 34790 92.350190 92.350190 AP56 SP 34 SP 34 SP 34950 92.35045 92.350450</td><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>AP50 DP-18 DP-19 47 2618 Forest Land-Pri 14 Nos Tree Umlaper Village 4*247" 25.35300 97.35340 AP51 SP-29 88 2666 Forest Land-Pri 10 Nos Tree Umlaper Village 19*0176" 25.345300 92.351070 AP53 SP-30 87 2066 Forest Land-Pri 10 Nos Tree Umlaper Village 19*0176" 25.345300 92.351070 AP53 SP-30 SP-30 52 22 22 Neart Land-Pri 10 Nos Tree Umlaper Village 19*0176" 25.345300 92.351070 AP54 SP-30 SP-30 47 27 266 Vaent Land-Pri Umlaper Village 19*0176" 25.346300 92.351070 AP56 SP-31 S2 266 Vaent Land-Pri Umlaper Village 92.351070 92.351070 AP56 SP-31 S2 Vaent Land-Pri Umlaper Village 19*2664" 25.349300 92.350410 92.350410 AP57 SP-33 SP-34 <td< td=""><td>AP50 DP-18 DP-19 47 2618 Freest Land-Prt. 11 Nos Tree Undiper Vilage 475(47) 25.2453.00 9.231(70) AP51 SP-30 SP-30 S2 27.986 52.3453.00 9.231(70) AP53 SP-30 SP-30 S2 27.88 9.236(6) Forest Land-Prt. 10 Nos Tree Undiper Vilage 17-986(7) 52.3453.00 9.236(0) 9.236(0) AP53 SP-30 SP-30 SP-30 SP-30 SP-30 9.336(0) <t< td=""><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>AP30 DP-18 DP-19 SP-30 S - 3</td><td>AP30 DP-18 SP-19 #7 2018 Front Land-Pri 14 Nose Tree Unifacter Village 75/247* 25/345300 92/34100 AP51 DP-18 SP-30 s2 2066 Front Land-Pri 10 Nose Tree Unifacter Village 17/3826 92/3400 92/34100 92/34100 AP53 SP-30 SP-31 S2 2016 Vacant Land-Pri 16 Nos Tree Unifacter Village 19/376* 25/34580 92/34000 92/34000 AP53 SP-30 SP-31 S2 2015 Vacant Land-Pri Unifacter Village 19/3779 25/34500 92/34000 P AP54 SP-31 SP-31 SP-3 S2 2015 Vacant Land-Pri Unifacter Village 19/3779 25/34600 92/34000 P <t< td=""><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td></td><td>AF50 DP119 FT 2616 Freest Land-Prt. 10.86 Tree Unduer Viluge 4'52.452.0 92.345.00 93.34600 AF51 SP20 SP20 SP20 SP20 SP20 95.34600 93.34660 AF53 SP20 SP20 SP20 SP20 SP30 93.34660 93.34660 AF53 SP20 SP20 SP20 SP20 SP30 93.34660 93.34660 AF55 SP20 SP20 SP21 Secont Land-Prt. 16.Nois Tree Undue Village 19.57676 25.34560 93.34660 AF56 SP23 SP21 Secont Land-Prt. Undue Village 19.5667 55.34613 93.3660 AF57 SP23 SP31 Secont Land-Prt. Undue Village 19.5607 55.34613 93.3640 AF60 SP23 SP31 Venut Land-Prt. Undue Village 57.37169 93.36101 97.36103 AF61 SP23 SP23 SP23 SP23 93.36101 95.36010 95.361010</td></t<><td>AF50 DP-18 SP-30 SF Solids Freext Land-Pric 11 Nos Tree Unifative Village 4752471 255.35230 9531701 AF51 SP-30 SP-30 SP<3</td> S2 S16 Freext Land-Pric 10 Nos Tree Unifative Village 9573400 953100 953100 AF53 SP-30 SP-31 S2 S2 Vacant Land-Pric 10 Nos Tree Unifative Village 9535400 9535400
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 Vacant Land-Pvt. Umlaper Village 9*4494* 25.245490 92.350402 AF56 SP-31 SP-33 S2 2865 Vacant Land-Pvt. Umlaper Village 97.34590 92.35040 AF56 SP-34 DP-21</td> <td>AF50 DP-18 DP-19 47 2618 Forest Land-Prt. 14 Nos Tree Unilaper Village 4*5247* 25.34550 92.351300 AP51 DP-19 SP-20 48 2666 Forest Land-Prt. 10 Nos Tree Unilaper Village 4*5247* 25.34550 92.351070 AP53 SP-20 48 2765 Vacant Land-Prt. 16 Nos Tree Unilaper Village 17*5866* 25.34550 92.35040 92.35040 AP53 SP-30 SP-30 47 2765 Vacant Land-Prt. Unilaper Village 17*586* 25.24550 92.35040 97.3640 92.35040 97.3640 97</td> <td>AF50 DP-18 DP-19 47 2618 Forest Land-Prt. 14 Nos Tree Unilaper Village 4^5247^* 25.34530 92.35130 AP51 DP-19 SP-29 48 2666 Forest Land-Prt. 10 Nos Tree Unilaper Village 17°3866* 25.34550 92.351070 AP53 SP-30 SP-20 47 2765 Vacent Land-Prt. 16 Nos Tree Unilaper Village 17°3866* 25.34550 92.350170 AP53 SP-30 SP-31 S2 273 Vacent Land-Prt. Unilaper Village 17°486* 25.34650 92.350170 AP54 DP-20 47 2765 Vacent Land-Prt. Unilaper Village 17°476* 25.247380 92.350170 AP55 SP-31 SP-32 SP Vacent Land-Prt. Unilaper Village 17°476* 25.247480 92.350170 AP55 SP-31 SP-32 SP 34 SP 34790 92.350190 92.350190 AP56 SP 34 SP 34 SP 34950 92.35045 92.350450</td> <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td> <td>AP50 DP-18 DP-19 47 2618 Forest Land-Pri 14 Nos Tree Umlaper Village 4*247" 25.35300 97.35340 AP51 SP-29 88 2666 Forest Land-Pri 10 Nos Tree Umlaper Village 19*0176" 25.345300 92.351070 AP53 SP-30 87 2066 Forest Land-Pri 10 Nos Tree Umlaper Village 19*0176" 25.345300 92.351070 AP53 SP-30 SP-30 52 22 22 Neart Land-Pri 10 Nos Tree Umlaper Village 19*0176" 25.345300 92.351070 AP54 SP-30 SP-30 47 27 266 Vaent Land-Pri Umlaper Village 19*0176" 25.346300 92.351070 AP56 SP-31 S2 266 Vaent Land-Pri Umlaper Village 92.351070 92.351070 AP56 SP-31 S2 Vaent Land-Pri Umlaper Village 19*2664" 25.349300 92.350410 92.350410 AP57 SP-33 SP-34 <td< td=""><td>AP50 DP-18 DP-19 47 2618 Freest Land-Prt. 11 Nos Tree Undiper Vilage 475(47) 25.2453.00 9.231(70) AP51 SP-30 SP-30 S2 27.986 52.3453.00 9.231(70) AP53 SP-30 SP-30 S2 27.88 9.236(6) Forest Land-Prt. 10 Nos Tree Undiper Vilage 17-986(7) 52.3453.00 9.236(0) 9.236(0) AP53 SP-30 SP-30 SP-30 SP-30 SP-30 9.336(0) <t< td=""><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>AP30 DP-18 DP-19 SP-30 S - 3</td><td>AP30 DP-18 SP-19 #7 2018 Front Land-Pri 14 Nose Tree Unifacter Village 75/247* 25/345300 92/34100 AP51 DP-18 SP-30 s2 2066 Front Land-Pri 10 Nose Tree Unifacter Village 17/3826 92/3400 92/34100 92/34100 AP53 SP-30 SP-31 S2 2016 Vacant Land-Pri 16 Nos Tree Unifacter Village 19/376* 25/34580 92/34000 92/34000 AP53 SP-30 SP-31 S2 2015 Vacant Land-Pri Unifacter Village 19/3779 25/34500 92/34000 P AP54 SP-31 SP-31 SP-3 S2 2015 Vacant Land-Pri Unifacter Village 19/3779 25/34600 92/34000 P <t< td=""><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td></td><td>AF50 DP119 FT 2616 Freest Land-Prt. 10.86 Tree Unduer Viluge 4'52.452.0 92.345.00 93.34600 AF51 SP20 SP20 SP20 SP20 SP20 95.34600 93.34660 AF53 SP20 SP20 SP20 SP20 SP30 93.34660 93.34660 AF53 SP20 SP20 SP20 SP20 SP30 93.34660 93.34660 AF55 SP20 SP20 SP21 Secont Land-Prt. 16.Nois Tree Undue Village 19.57676 25.34560 93.34660 AF56 SP23 SP21 Secont Land-Prt. Undue Village 19.5667 55.34613 93.3660 AF57 SP23 SP31 Secont Land-Prt. Undue Village 19.5607 55.34613 93.3640 AF60 SP23 SP31 Venut Land-Prt. Undue Village 57.37169 93.36101 97.36103 AF61 SP23 SP23 SP23 SP23 93.36101 95.36010 95.361010</td></t<><td>AF50 DP-18 SP-30 SF Solids Freext Land-Pric 11 Nos Tree Unifative Village 4752471 255.35230 9531701 AF51 SP-30 SP-30 SP<3</td> S2 S16 Freext Land-Pric 10 Nos Tree Unifative Village 9573400 953100 953100 AF53 SP-30 SP-31 S2 S2 Vacant Land-Pric 10 Nos Tree Unifative Village 9535400
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Latitude	35 262845	25.263160	25.263300	25.263430	25.263730	001502.02	05 76.4870	0/0107/07	00100707	04.065060	020202020	05 366570	25 266960	0200202	000107.07	0102626.20	020202020	35 7681 50	25 268360	25.268730	25.268910	25.269150	25.269360	25.269560	25.269840	25,270300	25.270690	25.271080	25.271220	25.271420	25.271600	25.271940	25.272360	25.272700	0/12/2022	ND1017-07	07672740 PC	08.074480	25,274820	25,274970	25.275300	25.275710	25.276110	25.276550	25.276850	25.277080	25.276810	07/0/2/07	0100/77626		25.277880	25.278250	25.278560	25.279000	(T	a d		
Angle of deviation	0-07-00"	11 064/03*	26°57'28"	*77777*	50°46'37"	10CiCL021	10,690P6	UPiLOoSF	"28/2 10EF	707616	450,1VoV	"SCILVOL	10°99'00"	NUC152032	12200000	100000	1045402	1200001	16°79'08"	21%05/39"	196,86.00	5º42'59"	3973'88"	17º12'35"	21°50/39#	#65,66 ₀ 09	407231"	41 °29'90"	s166559	0°69'59"	23°70'28"	22°50'26"	13"55'68"	7°58'46"	12 12 107	400×10	1 9081358	14984555	31°79'25"	35°82'93"	3°77'07"	27°81'74"	9°74'68"	51°56'94"	14°82'13"	65-6517"	-22-2046	17712000	Sodris An	"OF15008	13º43'52"	"18,50°2	18º02'66"	5°96'45"					
Village Name	Umsatai Villige	Umsatai Village	Umsatai Village	Umsatai Village	Umsatai Villago	Transiti VIIIago	I freatai Village	Ulmantai Willam	Umsatar Villam	Umantai Villaon	Umsatai Villaon	Limitatas Villana	Umstei Village	Umental Willage	L'incotni Millago	Truestai Willand	Timestar Millaga	Umatai Villaga	Umatai Villape	Untsatai Village	Umsatai Village	Umsatai Villago	Umsatai Village	Umsatai Village	Umsatai Village	Umsatai Village	Umsatai Village	Umsatai Village	Umsatai Village	Umsatai Village	Umsatai Village	Umsatat Village	Umsatat Village	Umsatat Village	Dumbal Village	Dynubal Villan	Rumbai Villana	Rumbai Villana	Rymbai Village	Rymbai Village	Kymbai Village	Kymbat Village	Dymbal Village	Romhai Willage	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village			1000	Page 2 of to						
Nature of Damege(tree/hut)	12 Nos Tree	10 Nos Tree																																					12 Nos Tree	2Nos Tree		15 Nos Tree	8 Nos Tree						3Mna Tran								MANTE I	Page	
Description Land	Serub Land-Pvt.	Sorub Land-Pvt.	Scrub Land-Pvt.	Serub Land-Pvt.	Serub Land-Pvt.	South Land Day	Scrub Land-Pvt	Semb Land-Put	Semb Land-Pvt	Senth Land-Put	Senth Land-Put	Soruh Land-Pvt.	Scrub Land-Pvt.	Senth Land-Put	South Land-Put	Variant Land-Put	Vacant Land-Put	Vacant Land-Put.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Scrub Land-Pet	Sorub Land-FYL	Scrub Land-PVL	Porast I and Dot	Prevaet I and Dut	Forest Land-Pvt	Forest Land-PvL	Forest Land-Pvt.	Along the Road-Pvt.	Along the Koad-Pvt.	Along the Road-PVI,	Along the Road Det	Along the Doud-Dut	Along the Road-Put	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pyt.	Along the Road-Pvt.		N	4						
Cumulative Span	5370	5390	5424	5474	5521	2100	5678	5730	5785	5831	5879	5935	5984	6031	6080	6120	6177	6229	6289	6341	6408	6456	6508	6554	6611	6664	6724	6773	6825	6871	6921	6970	1014	1/0/1	7107	2253	7299	7348	7400	7445	7499	7544	7593	7641	1045	047	1847	7894	7944	1664	8044	8095	8151	8199					
(Span in mt)	50	20	34	50	47	40	57	52	55	46	99	56	49	47	40	40	22	52	60	52	67	48	52	46	57	53	60	49	52	46	50	49	44	10	24	95	46	49	52	45	54	45	49	48	22	00	40	47	80	47	53	51	56	48		6	4		
Pole To	DP-47	SP-51	SP-52	DP-48	DP-49	Dp-30	DP-51	DP-52	SP-54	SP-55	SP-56	SP-57	DP-53	85-dS	DP-54	SP-59	CD-62	SP-61	DP-55	DP-56	DP-57	SP-62	DP-58	SP-63	FP-6	SP-64	DP-59	SP-65	SP-66	DP-60	SP-67	DP-61	20-10	1-11 TYP CO	Sp-fd	Sp.70	SP-71	DP-63	DP-64	SP-72	DP-65	SP-73	DP-66	SP-74	8-44 6D 76	C/-10	DP-40	SP-77	SP-78	DP-68	SP-79	SP-80	SP-81	SP-82			P.Y	-	
SL. No. Location Extension Pole From Pole To	DP-46	DP-47	SP-51	SP-52	DP-48	CD-10	DP-50	DP-51	DP-52	SP-54	SP-55	SP-56	SP-57	DP-53	Sp-58	DP-54	SP-59	SP-60	SP-61	DP-55	DP-56	DP-57	SP-62	DP-58	SP-63	FP-6	SP-64	DP-59	SP-65	SP-66	DP-60	SP-67	10-J/T	20-10 20-10	UP-67	Sp_60	SP-70	SP-71	DP-63	DP-64	SP-72	DP-65	SP-73	DP-66	51-14	CD 75	SP-76	DP-67	SP-77	SP-78	DP-68	SP-79	SP-80	18-4S					
ocation E ₃	AP101	AP102	AP103	AP104	APTOS	AP107	AP108	AP109	AP110	APLII	AP112	AP113	API14	AP115	AP116	AP117	AP118	AP119	AP120	AP121	AP122	AP123	AP124	AP125	AP126	AP127	AP128	AP129	AP130	AP131	AP132	AP133	ALIOF ADISE	AP100	AP137	AP138	AP139	AP140	AP141	AP142	AP143	AP144	AP145	AP146	AP14/	AD140	AP150	42151	AP152	API 53	AP154	AP155	API 56	AP157					
SL. No. 1	101		-	104	+	+		+	110	+	+	113	+	115	+	-	+	-	120	-	-		1	-	-	-	+	-	+	+	132	+	+	+	1	1	139	-	-	-		144	+	+	+	+	150	+	-	153				-					

Remarks			Downward hilly slope		If fall and areas				Downward hilly slope										span	Downward hilly slope	Downward hilly slope		and Million Arthur - Control	adors Attill Diswdn								4th DP after 3 SP																					/www		
Line Crossings																																													HKVT in X-ino	With an admit is an a	(4)				1				
Longitude	92,333940	92.333740	92.333330	092222700	0233155.00	09 331 260	92.330800	92 330910	92.330600	92 330100	92 329720	92.329370	92.328820	92.329090	92.328270	92.327750	92.327260	92.327020	92.326770	005025.26	92.326030	92.325610	06707076	00 294200	001220060	02 323450	92.322990	92.322400	92,321870	92.321360	92.320800	92.320330	92.319960	92.319670	92.319430	02 21 01 50	92 31 9230	92.319280	92.319330	92.318900	92.318500	92.318530	022312320	02010.26	02 318080	92.318260	92.318240	92.318400	92 318720	92.318620		(1/2		
Latitude	25.279350	25.279730	25.279990	011000-20	012002.02	05 280500	25,280960	25 281 570	25.281980	25.282260	25.282620	25.283020	25.283770	25.283380	25.284160	25.284160	25.284150	25.284540	25.285030	025222.02	25.285750	25.286150	00002027	05 267250	022102.02	062282260	25.287460	25,287570	25,287550	25.287590	25.287250	25.287570	25.287960	25.288360	25.288760	074086 50	25 290200	25,290710	25.291190	25.291660	25.291930	25.292390	010000000	017067.07	05 094240	25.294630	25.295020	25.295580	25,295990	25.296700			20	48	
deviation	10°43'11"	29°50'74"	15°60'18"	12.45.22	100,200 C	#C9/0002	57°60'65"	43°62'05"	2398397"	14°56'43"	5°31'43°	3°23'37"	19'84'99"	3°07115°	3891042"	1°29'30"	62°20'00"	4°32'78°	15-39/65	06.19.0	3°4673"	1/1/5.6	#1102021	11 0C 01	33080/54#	40250/60%	50°08'03"	14°04'09"	7°34175"	38°83'85"	10286'08"	12°39′67"	1027173"	477659	_09/00-/1	12012209C	3987107"	0°31'48"	44°97'79"	13%65'90"	56°63'09"	2°36'21"	30.3610	IPCISCOS	40040150	25°30'48"	17913'86"	20072128"	42946156"	42°37'16"					
Village Name	Rymbai Village	Rymbai Village	Rymbar Village	Kymbar Vulage	Rymbai Village	Rombai Willace	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbat Village	Kymbai Village	Kymbal Village	Kymbat Village	Rymbal Village	Extract Village	Dumbai Willana	Rumhar Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbei Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbar Village	Kymbal Village	Rumber Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	b.mbot Village	Dumbai Willana	Rumbai Villaon	Rymbai Village	Rymbar Village	Rymbai Village	Rvmbai Village	Rymbai Village					
Damege(tree/hut)																									13Nos Tran	10110 TOTO																													
neer nondineer	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-PVL	Alone the Road-Put	Along the Road-Det	Along the Road-Pvt.	Alone the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Koad-Pvt.	Along the Koad-PVI.	Along the Road-Pvt.	Along the Koad-Pvt.	Alone the Boad Det	Alone the Dead Det	Alono the Road-Det	Alone the Road-Pvt.	Along the Rond-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-PVt.	Along the Road-Pvt.	Alone the Read-Put	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pyt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-PVL	Along the Road-TVL Along the Dead Dut	Along the Read-Put	Along the Road-Pvt.	Along the Road-Pvt	Along the Road-Pvt.	Alone the Road-Pvt.	Along the Road-Pvt.				NAW N	AC				
Span	8246	8296	8346	0467	5058	8487	8636	8711	8770	8825	8882	15931	8982	9052	9104	9153	9203	9263	93.28	93/2	9433	1649	2020	0676	0737	9796	9857	0165	1966	10029	10088	10145	10198	10249	10305	10414	10471	10525	10593	10643	10694	10744	10/9/	1/10/00	10956	10999	11061	11117	11197	11246					
mt)	41	50	20	50	28	69	69	55	59	55	57	49	SI	70	52	49	50	60	60	44	19	80	53	08	61	65	61	53	51	68	59	57	53	51	20	65	57	54	68	50	51	50	22	20	47	43	62	56	80	49					
Fale 10 mf)	DP-69	SP-83	DP-70	DP-70	DP-73	DP-74	DP-75	DP-76	DP-77	SP-84	SP-85	SP-86	DP-78	DP-79	SP-87	FP-9	SP-88	DP-80	SP-89	19-40	DP-82	06-40 60 01	DD_83	DP.84	DP-85	DP-86	DP-87	SP-92	DP-88	FP-10	SP-93	DP-89	SP-94	SP-95	SP-96	SP-07	SP-98	16-9U	DP-92	DP-93	SP-99	DP-94	SP-101	Dp-05	DP-96	DP-97	DP-98	DP-99	DP-100	SP-102					
n Pole From Pole 10	SP-82	DP-69	SP-83	0/-40	17-10	DP-73	DP-74	DP-75	DP-76	DP-77	SP-84	SP-85	SP-86	DP-78	DP-79	SP-87	FP-9	SP-88	DP-80	51-23	DP-81	DP-92	10-02	L'DL & Z	DP_84	DP-85	DP-86	DP-87	SP-92	DP-88	FP-10	SP-93	DP-89	SP-94	SP-95	DP-00	SP-97	Sp.98	16-4C	DP-92	DP-93	SP-99		+	t	t	79-97				1				
Location Extension	AP158	AP159	AP160	AP161	AP163	API64	AP165	AP166	AP167	AP168	AP169	AP170	AP171	API 72	AP173	API 74	API 75	AP176	AP1/1 * D1/20	AP1/8	API 79	AP180	1014V	AP183	AP184	API85	AP186	AP187	AP188	AP189	AP1 90	AP191	AP192	AP195	AP194	APIGK	AP197	AP1 98	AP1 99	AP200	AP201	AP202	CO24V	AD205	MC 9004A		AP208	AP209	AP210	AP211					111
SL. No. L	-	-	+	101	1	+	165	\vdash	+	-	169	-		172	+	+	+	176	+	+	179	+	+	+	+	t	H	187	H	189	-	+	192	+		+	197	\vdash	Η	200	+	+	202	+	+	207	-		+	211 1	1				0 1. V.

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Remarks							5th DP after 4nos SP and	1100-da													span														slope land on the hill		slope land on the hill					
Line Crossings		11KV Line X-ing					2																																			
Longitude	92.318900	92.319250	92.319740	92.320240	92.320480	92.320470	92 320670	92 321070	92.321440	92.321730	92.322040	92.322450	92.322760	92.323090	92.323130	92.323480	92.323840	92.323990	92.324410	92.324840	92.325360	92.325720	92.325897	92.326020	00007076	92.326820	22.32/100	92.327260	0101000000	92 328510	92.328610	92.328718	92.328950	92.329120	92.329340	92,329660	92,329800	92,330020	92.330310	92,330700	92.331050	92.331360
Latitude	25.297060	25.297380	25.297730	25.297840	25.298310	25.298820	25 299270	25 299660	25.299980	25.300380	25.300670	25.301000	25.301300	25.301660	25.302310	25.302750	25.303160	25.303610	25.303980	25.304230	25.304340	25.304840	25.305285	25.305690	07/000.07	25.305790	067000007	25.306800	011100020	25.307630	25.308040	25.308473	25.308910	25.309350	25.309800	25.310140	25.310600	25.311030	25,311410	25.311720	25.311990	25.312260
deviation	9-5646*	"+0'10º7	24°63'42"	51°54'24"	25979/67"	22°90'68"	2099477"	3º43'14"	13°02'68"	10°77*88"	4°30'02"	5°27'01"	3°40'22"	36°46'52"	32°53'72"	2°72'15"	21%67*25*	28°97'13"	11°51'35"	19º57'54"	43°76'96"	13°28'27"	4-42:50	70°23'42"	1-40.05	43°84'51"	0601.07	33"10'52"	ALFISCOL	36'24'18"	0°27'24"	12°93'14"	6"38'48"	4°59'04"	16°54'87"	25°00'88"	9º43'79"	"S0i82.6	14º07'38"	0°84'88"	3°45'81"	1°70'55"
Village Name	Rymbai Village	Rymbaï Village	Rombai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbat Village	Rymbai Village	Rymbæi Village	Rymbai Village	Rymbai Village	Kymbat Village	Rymbai Village	Kymbal Village	Rymbai Village	Kymbai village	Rymbal Village	Dynakai Village	Rymbai Village	Rymbei Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village	Rymbai Village								
Damege(tree/hut)														11 N0sTree																												
Description Land	Along the Road-Pvt.	Alone the Road-Put	Alone the Road-Pyt	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pyt.	Along the Road-Pvt.	Atong the Koad-PVL	Along the Road-Pvt.	Along the Road-PVL	Along the Road-Pvt.	Along the Dord Det	Along the Road-Pyt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.	Along the Road-Pvt.																				
Span	11296	11359	H4H	11469	11526	11580	11639	11690	11743	11788	11843	11889	11941	12013	12073	12131	12183	12242	12293	12347	12413	12466	12513	12556	66071	12655	01/71	12/14	19677	12924	12973	13027	13079	13134	13184	13237	13290	13341	13393	13439	13482	13535
8	50	63	52	58	57	54	66	51	53	45	55	46	52	72	60	58	52	59	51	54	66	53	47	43	38	61	00	56	10	40	49	54	52	55	50	53	53	51	52	46	43	53
	SP-103	DP-101	DP-102	DP-103	DP-104	DP-105	DP-106	SP-104	SP-105	SP-106	SP-107	SP-108	DP-107	DP-108	SP-109	SP-110	DP-109	SP-111	DP-110	DP-111	DP-112	SP-112	FP-11	SP-113	C11-40	DP-114	CI1-JCI	DP-116	DD 117	SP-115	SP-116	SP-117	SP-118	SP-119	DP-118	SP-120	DP-119	SP-121	SP-122	DP-120	SP-123	SP-124
d	SP-102	SP-103	DP-101	DP-102	DP-103	DP-104	DP-105	DP-106	SP-104	SP-105	SP-106	SP-107	SP-108	DP-107	DP-108	SP-109	SP-110	DP-109	SP-111	DP-110	DP-111	DP-112	SP-112	FP-11	SF-113	DP-113	PI-114	DP-115	SD 11.4	11-10	SP-115	SP-116	SP-117	SP-118	SP-119	DP-118	SP-120	DP-119	SP-121	SP-122	DP-120	SP-123
Extension		ZM																																							4	
Location	AP212		AP214	AP215	AP216	AP217	AP218	AP219	AP220	AP221	AP222	AP223	AP224	AP225	AP226.	AP227	AP228	AP229	AP230	AP231	AP232	AP233	AP234	AP235	AF230	AP237	AF 238	AP239	AP241	AP242	AP243	AP244	AP245	AP246	AP247	AP248	AP249	AP250	AP251	AP252	AP253	AP254
12	212	213	214	215	216	217	218	010	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	230	237	238	239	140	242	243	244	245	246	247	248	249	250	251	252	253	254

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Executive Engineer Khliehriat Distribution Division ME. PDCL Khliehriat Final Data Sheet for 132KV Mynkre to 33/11KV Byndhiati Sub-Station

Lot. No Pole Rtn Pole Type Angle or Area Desition Desition Angle or Area	cr				Andraf		Detail Survey Ke	Ineport	Co.Ordinatae				
FP1 Europe 92.660 55.313 Ummong DP1 Dentr Nots 78-784 45 92.660 55.333 Ummong DP1 Dentr Nots 78-764 45 92.660 55.333 Ummong PP3 IN Europe 97.660 26.00 25.533 Ummong SP3 Station 10. 20.60 25.60 10.60 10.60 SP3 Station 97.60 26.00 25.533 Immong 10.60 SP3 Station 97.60 26 92.60 25.533 Immong SP3 Station 10.60 27.71 25.533 Immong 10.60 SP3 Station 10.60 27.71 25.533 Immong 10.60 SP3 Station 27.533 25.533 Immong 10.60 SP4 Station 27.533 25.534 Immong 10.60 SP3 Station 27.533 25.534 Immong <td< th=""><th></th><th></th><th>Extn</th><th>Pole Type</th><th>Deviation</th><th>(M)</th><th>Length (M)</th><th>5</th><th>Latitude</th><th>Crossing Details</th><th>Village Name</th><th>Line Crossing</th><th></th></td<>			Extn	Pole Type	Deviation	(M)	Length (M)	5	Latitude	Crossing Details	Village Name	Line Crossing	
FP3 Fear Mole Sea 43 Chance Sea 33 Chances Chances FP3 Fear Mole 78-47% 4 10 92.3007 55.3345 Chances FP3 Fear Mole 78-47% 64 10 92.3007 55.3345 Chances FP3 FW Exercise 64 10 92.3007 55.3345 Chances FP3 FW Exercise 64 10 92.3007 55.3345 Chances FP3 State Fride 87575 23 92.3007 55.3345 Chances FP3 State Fride 87577 23 92.3007 55.3345 Chances FP3 State Fride 87577 23 92.3706 Chances Chances FP3 State Fride 97907 44 92.3706 Chances Chances FP3 State Fride 97907 52.3705 Chances Chances FP3 State Fride 97977 22.3705 Chances<													
PP1 Dente hole Fer Yars 45 100 25.3330 Ummone Ummone PP4 10 Eurobic Fer Yars 64 100 22.007 55.3330 Ummone PP4 10 Eurobic Frieton Frieton 75.3330 Ummone SP1 10 Eurobic Frieton 75.3305 Ummone Ummone SP1 500 75 92.100 25.3305 Ummone Ummone SP1 500 78 92.100 25.3305 Ummone Ummone SP1 500 78 92.100 25.3305 Ummone Ummone SP1 500 41 43 92.100 Ummone Ummone SP1 500 41 43 92.100 Ummone Ummone SP1 500 10 27.000 Ummone Ummone Ummone SP1 500 10 27.010 27.313 Ummone Ummone	1 AP1	FP-1		Four Pole				92.3689	25.2342		Unrasong		
PP-1 Dentifyee Sec. 100 22.501 25.3.44 Unmoned PP-3 Increments 957766 66 109 2.503 25.3.44 Unmoned PP-4 IN For Polic 875366 20 2.503 2.5.3.53 Immoned PP-4 IN For Polic 875366 20 2.503 2.5.3.53 Immoned SP-4 Single blob 975977 3.5.3.53 Immoned Immoned SP-5 Single blob 979977 3.5.3.53 Immoned Immoned SP-5 Single blob 979977 3.5.3.53 Immoned Immoned SP-5 Single blob 979797 3.5.3.53 Immoned Immoned SP-5 Single blob 979797 3.5 3.5.3.53 Immoned Immoned SP-5 Single blob 979797 3.5 3.5.3.5 Immoned Immoned SP-5 Single blob 979797 3.5.3.5 Immoned Immoned	2 AP2	FP-2		Four Pole	78°47'84"	45		92.3692	25.2339		Umrasong		
P1-3 Four Pole Systype 100 23:33:3 Rout Pole Process P	3 AP3	DP-1		Double Pole		64	109		25.2343		Umrasong		
PF4 IM Enrore Sector S33 S333 Enrore Enrore SP1 Single blob \$57356 \$11 \$2.500 \$3.5336 Enrore	4 AP4	FP-3		Four Pole	95°67'66"	60	169		25.2347		Umrasono		
Dr2 IM Denkib rule 87544 20 2786 22356 Immenta Immenta SH1 Single Pole 87592 49 92,700 52256 Immenta Immenta SH2 Double Pole 87007 40 92,700 52216 Immenta Immenta SH2 Double Pole 87007 41 92,700 52217 Immenta Immenta SH3 Double Pole 87007 41 92,701 52217 Immenta Immenta SH3 Double Pole 97007 41 92,771 52277 Immenta Immenta SH4 Double Pole 97007 41 92,771 52277 Immenta Immenta SH4 Double Pole 97077 47 27,771 52,771 Immenta Immenta SH4 Double Pole 97077 47 27,771 Immenta Immenta SH4 Double Pole 97077 52,341 Immenta Immenta <td< td=""><td>5 AP5</td><td></td><td>IM</td><td>Four Pole</td><td>87°55'65"</td><td>80</td><td>249</td><td></td><td>25.2352</td><td></td><td>Umrasono</td><td></td><td></td></td<>	5 AP5		IM	Four Pole	87°55'65"	80	249		25.2352		Umrasono		
SP1 Sp16 670-47 50 317 9.2.706 1.misong 1.misong SY3 Single Pole 9500/7 43 92.710 52.269 1.misong 1.misong SY4 Single Pole 9790/7 41 92.710 52.269 1.misong SY4 Dankh Pole 97973 41 9.2171 2.22773 1.misong SY4 Dankh Pole 97973 41 9.2710 2.22774 1.misong SY4 Single Pole 97973 41 9.2774 1.misong 1.misong SY4 Single Pole 97973 41 9.2774 1.misong 1.misong SY4 Single Pole 97779 47 9.2773 1.misong 1.misong SY4 Donk Pole 97977 9.2774 1.misong 1.misong 1.misong SY4 Donk Pole 97979 2.773 2.2774 1.misong 1.misong District Pole 67777 9.2791 2.2794 <td< td=""><td>6 AP6</td><td></td><td>IM</td><td>Double Pole</td><td>8°55'84"</td><td>29</td><td>278</td><td></td><td>25.2353</td><td>Road</td><td>Umrasono</td><td></td><td></td></td<>	6 AP6		IM	Double Pole	8°55'84"	29	278		25.2353	Road	Umrasono		
SP2 Single Pole Sicropy 47 344 92,703 22,350 Ummonia Ummonia SP3 Single Pole 97(907 41 433 92,3710 23,350 Ummonia Ummonia SP4 Double Pole 97(907 41 433 92,3710 23,373 Ummonia Ummonia SP4 Double Pole 97(977 33 53 92,3711 S5,373 Ummonia Ummonia SP4 SP6 92,771 25,373 Ummonia Ummonia Ummonia SP5 Single Pole 97737 31 92,373 Ummonia Ummonia SP5 Single Pole 97737 51 92,373 Ummonia Ummonia SP5 Single Pole 97737 51 23 23,374 Ummonia SP5 Single Pole 6677737 51 71 23,375 Ummonia Ummonia SP5 Single Pole 679,375 23,475 Ummonia Ummonia <t< td=""><td>7 AP7</td><td>SP-1</td><td></td><td>Single Pole</td><td>9°00'44"</td><td>39</td><td>317</td><td></td><td></td><td></td><td>Umrasonø</td><td></td><td></td></t<>	7 AP7	SP-1		Single Pole	9°00'44"	39	317				Umrasonø		
SP-3 Single Folds 9°5'000° 4.8 4.12 9.2.376 Unmonic Unmonic DHA Folds 9°6'000° 4.8 4.12 9.2.376 Unmonic Unmonic DHA Folds 9°6'00° 4.9 4.9 9.3 7.3.25 Unmonic Unmonic SP4 Double Folds 9°7'9.7 3.6 9.2.773 X.3.14 Unmonic SP4 Double Folds 9°7'9.7 3.6 9.2.735 Unmonic Unmonic SP4 Double Folds 9°7'9.7 3.6 9.2.736 Unmonic Unmonic SP4 Double Folds	8 AP8	SP-2		Single Pole	8°65'92"	47	364				Umrasone		
BF41 Single Fold 977937 41 453 92.3716 1 (Immendig (Immendig Single Fold 1 (Immendig Single Fold <th1 (immendig<br="">Single Fold<td>9 AP9</td><td>SP-3</td><td></td><td>Single Pole</td><td>9°50'00"</td><td>48</td><td>412</td><td></td><td>25.2362</td><td></td><td>Umrasone</td><td></td><td></td></th1>	9 AP9	SP-3		Single Pole	9°50'00"	48	412		25.2362		Umrasone		
DP:3 Duble Delse Set(w74* abs 593 23331 Autaentig Lumeentig SP:4 Single Pole 97875* 35 53 23711 232371 Lumeentig SP:4 Single Pole 97375* 35 23711 232374 Lumeentig SP:4 Single Pole 97375* 36 23713 53.3374 Lumeentig SP:4 Single Pole 67370* 47 601 23.737 S5.3374 Lumeentig SP:4 Single Pole 67370* 47 601 23.737 S5.3374 Lumeentig SP:4 Single Pole 67370* 47 92.371 25.3373 Lumeentig SP:4 Single Pole 57.775* 55 23.534 Lumeentig Lumeentig DP:1 Duble Pole 27752* 55.334 Lumeentig Lumeentig DP:1 Duble Pole 27972* 53.334 Lumeentig Lumeentig DP:1 Duble Pole 27972* 55	10 AP10	SP-4		Single Pole		41	453	-70	25.2366		Umrasono		
Piet Deutle ble 97818 23 59 10 22271 10 10 SF6 Single Dele 97847 34 60 9.3171 5.2373 1	11 AP11	DP-3		Double Pole	36°06"74"	40	493		25.2369		Umrasone		
SP-5 Single Pole 978-75 35 55 97/13 55.273 Unimenting DP5 Double Pole 978475 44 640 9.2.7712 55.2774 Unimenting DP5 Double Pole 57.9767 50 9.2.7712 55.2774 Unimenting SFA Single Pole 1677797 50 747 9.2.3715 55.2775 Unimenting DP7 Double Pole 1677797 50 90 92.7346 Unimenting DP7 Double Pole 1677797 51 73 52.272 Unimenting DP7 Double Pole 1077787 56 905 92.3440 52.3275 Unimenting DP1 Double Pole 1077787 51 10277 52.315 Unimenting DP1 Double Pole 1077787 51 1027 52.315 Unimenting DP1 Double Pole 1077787 51 1027 52.314 Unimenting DP1 Double Pole	12 AP12	DP-4		Double Pole	9°88'18"	28	521			Nala	Umrasono		
BF6 Single Pole 0^{8447} 44 600 9.3717 52.374 $11mmond$ BF3 Single Pole 637978 47 697 $9.2.772$ 22.3732 $11mmond$ FF3 Four Pole 637978 47 99 $9.2.773$ 22.3744 $11mmond$ FF3 Four Pole 667797 76 973 22.3744 $11mmond$ DF4 Double Pole 667797 76 975 92.3744 22.3744 $11mmond$ DF4 Double Pole 667797 76 975 92.3744 22.338 $11mmond$ DF4 Double Pole 579767 53 1100 92.3751 $11mmond$ DF1 Double Pole 979777 53 1200 92.3752 22.344 $10mmond$ DF1 Double Pole 979777 54 1200 92.3752 22.344 $10mmond$ DF1 Double Pole 979777 22.345 $10mmond$ <	13 AP13	SP-5		Single Pole	9075'25"	35	556				Umrasone		
BP:4 Double Pole 52705 50 630 93.732 23.736 Unmound Channeound BP:4 Single Pole 67737° 50 797 23.732 Unmound Immound BP:4 Dunble Pole 67773° 50 791 23.737 $1000000000000000000000000000000000000$	14 AP14	SP-6		Single Pole	0°84'47"	44	600		25.2374		Umrasone		
SF7 Single Pole 67230** 47 92.771 25.3272 1 transong 1 FP-6 Four Pule 667779** 47 92.771 25.3272 1 transong 1 FP-6 Four Pule 667779** 47 92.771 25.3275 1 transong 1 DP-6 Double Pole 31°0102* 75 98.0 92.7715 25.3281 1 transong DP-1 Double Pole 31°0102* 75 98.0 92.7716 25.3381 1 transong DP-1 Double Pole 20°502* 46 1087 92.7712 25.3491 1 transong DP-1 Double Pole 20°502* 46 1087 92.7712 25.3491 1 transong DP-1 Double Pole 20°502* 46 1087 92.7712 25.3411 1 mesong DP-1 Double Pole 5°642* 71 12360 92.3773 25.3413 1 mesong DP-1 Double Pole 5°642* 73 12050	15 AP15	DP-5		Double Pole	52°97'85"	50	650		25.2376		Umrasonø		
SF-8 Single Pole 167773* 50 747 92.3731 1. timesong 1. timesong Pi-5 Durhle Pole 565779* 47 92.3731 25.3275 1. timesong 1 Di-7 Durhle Pole 565779* 47 92.3731 25.3275 1. timesong Di-7 Durhle Pole 57573 25.3481 1. timesong 1 Di-8 Durhle Pole 57573 25.3481 1. timesong 1 Di-9 Durhle Pole 57573 25.3491 Nongsting 1 Di-1 Durhle Pole 27591 25.3412 Nongsting 1 Di-1 Durhle Pole 5793 25.3413 Nongsting 1 Di-1 Durhle Pole 197077 54 1360 9.2.7740 55.3413 Nongsting Di-1 Durhle Pole 179577 54 1360 9.2.7740 55.3413 Nongsting Di-1 Durhle Pole 197377 25.3414 Nongsting 1	16 AP16	SP-7		Single Pole	6°32'00"	47	697		25.2374		Imrasono		
FP-5 Four belie 665/3779/r 47 794 92.3736 10.mrscong 10.mrscong D2-6 Double Pole 316707 35.2375 10.mrscong 10.mrscong D2-8 Double Pole 316707 75.3381 10.mrscong 10.mrscong D2-4 Double Pole 317077 35.2375 10.mrscong 10.mrscong D2-9 Double Pole 317077 35.2388 Nula 10.mrscong D2-10 Double Pole 207777 35.2388 Nula 10.mrscong D2-11 Double Pole 970777 35.2400 Nonganing 10.mrscong D2-11 Double Pole 0'96777 35.2415 Nonganing 10.mrscong D2-14 Double Pole 0'96777 35.443 9.2.3740 25.2415 Nonganing D2-14 Double Pole 0'96777 54 13.43 9.2.3740 Nonganing D2-14 Double Pole 0'96777 54 13.43 9.2.3740 Nonganing D2-14 </td <td>17 AP17</td> <td>SP-8</td> <td></td> <td>Single Pole</td> <td>16°77'37"</td> <td>50</td> <td>747</td> <td></td> <td>25.2372</td> <td></td> <td>Timracono</td> <td></td> <td></td>	17 AP17	SP-8		Single Pole	16°77'37"	50	747		25.2372		Timracono		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	18 AP18	FP-5		Four Pole	"66°57'79"	47	794		25.2372		Umrasono		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	19 AP19	DP-6		Double Pole	3°65'62"	36	830		25.2375		Imrasono		
DP-8 Double Pole 10°78° 70 975 92.374 2.3384 Interents Interents PP-9 Nouble Pole 26°3176° 62 1037 92.3751 25.3388 Nah Nongating Nongating PP-10 Duuble Pole 26°3176° 46 1037 92.3751 25.3388 Nah Nongating Nongating PP-11 Duuble Pole 29°4078° 53 1136 92.3751 25.3403 Nongating Nongating DP-11 Duuble Pole 59°4642° 71 1209 92.3750 25.3419 Nongating Nongating DP-11 Duuble Pole 27°4925° 53 1334 92.3750 25.3419 Nongating Nongating DP-14 Duuble Pole 27°4925° 53 143 92.3750 25.3419 Nongating Nongating DP-14 Duuble Pole 10°552° 54 143 92.3750 25.3419 Nongating Nongating DP-14 Duuble Pole	20 AP20	DP-7		Double Pole	.20,10°15	75	905		25.2381		Umrasono		
DP-9 Dueble Pole $26^{-5}176^{\circ}$ 62 1037 $92,3751$ $25,2307$ Nongening Nongening DP-10 Duoble Pole 4701% 536727 532397 Nongening Nongening DP-11 Duoble Pole 4701% 73 1209 $92,3752$ 552397 Nongening Nongening DP-13 Duoble Pole 97401% 536747 53437 Nongening Nongening DP-14 Duoble Pole 97471% 53749 $25,3416$ Nongening Nongening DP-14 Duoble Pole 173410% 523745 532416 Nongening Nongening DP-14 Single Pole 179571° 52 13440 $25,3416$ Nongening Nongening SP-13 Single Pole 197571° 54 1243 $53,3416$ Nongening Nongening SP-14 Single Pole 197571° $25,3432$ Nongening Nongening Nongening Duoble Pole 173477 <td>21 AP21</td> <td>DP-8</td> <td></td> <td>Double Pole</td> <td>10°27'82"</td> <td>70</td> <td>975</td> <td></td> <td>25.2384</td> <td></td> <td>Umrasone</td> <td></td> <td></td>	21 AP21	DP-8		Double Pole	10°27'82"	70	975		25.2384		Umrasone		
$8P.9$ Single Pole $20^{-}900^{21}$ 46 1083 92.3752 25.2397 Nongening Nongening $DP-10$ Double Pole $4^{-}4013^{27}$ 53 1136 92.3752 52.3397 Nongening Nongening $DP-11$ Double Pole $5^{-}46.07^{27}$ 53 1120 92.3750 52.3415 Nongening $DP-14$ Double Pole 0.9882^{27} 71 1280 92.3750 52.3415 Nongening $DP-14$ Double Pole $27^{-842}7^{-7}$ 52 1334 92.3750 52.3435 Nongening $DP-15$ Double Pole $21^{-}9571^{-18}$ 57 1443 92.3750 52.3435 Nongening $SP-15$ Double Pole $21^{-}9571^{-18}$ 56 1546 52.3436 Nongening $SP-15$ Double Pole $1^{-}9571^{-18}$ 52.3436 Nongening 52.3436 Nongening $SP-15$ Double Pole $1^{-}9571^{-17}$ 52.3436 Nongening	22 AP22	DP-9		Double Pole	26°51'76"	62	1037		25.2388	Nala	Nongsning		
DP-10 Duble Pole 3 44012° 53 1136 92.3752 35.337 Nongating Nongating DP-11 Double Pole 5'4642° 73 1209 92.3751 25.2403 Nongating DP-13 Double Pole 5'4642° 73 1209 92.3750 25.2415 Nongating DP-14 Double Pole 10°36°7° 52 1336 92.3750 25.2415 Nongating DP-15 Double Pole 10°36°7° 57 1336 92.3753 25.2424 Nongating DP-15 Double Pole 10°352° 54 1430 92.3753 25.2432 Nongating SP-11 Single Pole 10°352° 54 1430 92.3753 25.2432 Nongating SP-15 Single Pole 10°352° 54 1630 92.3753 25.2432 Nongating SP-14 Nd Four 1905 92.3753 25.2432 Nongating 348 SP-14 Nd Four 10°10'	23 AP23	SP-9		Single Pole	20°59'02"	46	1083				Nongsning		
DP-11 Double Pole 5-46-42* 73 1209 92.3750 25.2410 Nongaring SP-12 Single Pole 107-677 54 1340 92.3750 25.2410 Nongaring Nongaring SP-13 Drule Pole 107-677 54 1340 92.3750 25.2419 Nongaring SP-14 Druhe Pole 27-84757 52 1340 92.3750 25.2424 Nongaring SP-13 Druhe Pole 19571" 56 1546 92.3750 25.2432 Nongaring SP-13 Single Pole 19571" 56 1546 92.3750 25.2432 Nongaring SP-14 Druhe Pole 170552 55 25.3435 Nongaring Set SP-14 Druhe Pole 170552 54.41 Nongaring Set DP-15 M Pouble Pole 1744 1718 92.3756 25.3445 Nongaring DP-15 M Pouble Pole 1744 1778 92.3756 25.344	24 AP24	DP-10		Double Pole	4°40'18"	53	1136		25.2397		Nongsning		
DP-12 Double Pole 0°36%2" 71 1280 92.3750 25.3410 Nongsuing Nongsuing DP-13 Dunble Pole 10°3677" 54 1334 92.3750 25.2415 Nongsuing Nongsuing DP-13 Dunble Pole 17°8452" 57 1334 92.3750 25.2424 Nongsuing DP-14 Dunble Pole 1'9571" 47 1443 92.3753 25.2424 Nongsuing SP-12 Single Pole 1'9572" 54 1600 92.3753 25.2428 Nongsuing SP-12 Single Pole 1'9572" 54 1600 92.3753 25.2443 Nongsuing DP-16 Dunble Pole 1'9552" 54 1600 92.3764 Nongsuing 33kv line crossing DP-16 Dunble Pole 1'9552" 44 1718 92.3764 Nongsuing 56 1674 92.3764 Nongsuing 74 DP-16 1'9552" 47 1812 92.3766 25.2443 Nongsui	25 AP25	DP-11		Double Pole	5°46'42"	73	1209		25.2403		Nongsning		
SP-10 Single Pole $10^{-3}677^{-1}$ 54 1334 92.3730 52.315 Nongsning Nongsning DP-13 Double Pole $27^{-8}422^{-5}$ 52 1386 92.3730 52.3419 Nongsning Nongsning DP-15 Double Pole $27^{-8}472^{-5}$ 55 14943 92.3753 52.3424 Nongsning Nongsning SP-11 Single Pole $1^{-9}571^{-1}$ 56 1546 92.3753 52.3432 Nongsning Nongsning SP-15 Double Pole $6^{-8}743^{-1}$ 56 1546 92.3751 52.3432 Nongsning 7 IP-15 Double Pole $6^{-8}743^{-1}$ 74 1617 92.3761 25.3441 Nongsning 7 IP-17 Double Pole $1^{-1}6520^{-1}$ 47 1674 92.3761 25.2441 Nongsning 7 IP-17 Double Pole $1^{-1}6520^{-1}$ 47 1674 92.3767 25.2441 Nongsning 7	26 AP26	DP-12		Double Pole	0°98'82"	11	1280		25.2410		Nongsning		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	27 AP27	SP-10		Single Pole	10°36'77"	54	1334	92.3750	25.2415		Nongsning		0
DP-14 Double Pole 21°95'53" 57 1443 92.3750 25.2424 Nongening Nongening SP-11 Single Pole 1°95'71" 47 1490 92.3753 25.2428 Nongening Nongening SP-13 Single Pole 1°95'71" 47 1490 92.3753 25.2423 Nongening Nongening DP-15 Double Pole 1°95'72" 55 144 1718 92.3765 25.2442 Nongening 33kvline crossing DP-16 Double Pole 1°9'5'2" 44 1718 92.3765 25.2441 Non Nongening 34kvline crossing DP-16 Double Pole 1°9'5'2" 47 1765 92.3765 25.2441 Non Nongening 87kline crossing DP-17 Double Pole 1°4'5'5" 47 1859 92.3765 25.2441 Non 90 97 97 SP-14 Single Pole 0°1'55" 47 1859 92.3765 25.2445 Nongening 7K/1/16/17/1		DP-13		Double Pole	27°84'25"	52	1386	92.3749	25.2419		Nongsning		
SP-11 Single Pole 179/571" 47 1490 92.3752 25.2428 Nongsning Nongsning SP-12 Single Pole 6*8743" 56 1546 92.3755 25.2432 Nongsning Nongsning SP-15 Single Pole 6*8743" 56 1546 92.3756 25.2431 Nongsning Statil FD-15 Duruble Pole 74°3407" 74 1600 92.3756 25.2441 Nongsning Statil FD-16 Double Pole 94°4520" 47 1718 92.3765 25.2441 Nongsning Mongsning DP-17 Double Pole 1°4620" 47 1718 92.3767 25.2456 Nongsning Khilfe/fift DP-17 Double Pole 1°4620" 47 1812 92.3767 25.2456 Nongsning Khilfe/fift SP-13 Single Pole 7°5705" 47 1812 92.3767 25.2456 Nongsning Khilfe/fift SP-14 Single Pole 0°5803" 46 <td></td> <td>DP-14</td> <td></td> <td>Double Pole</td> <td>21°95'53"</td> <td>57</td> <td>1443</td> <td>92.3750</td> <td>25.2424</td> <td></td> <td>Nongsning</td> <td></td> <td>and a</td>		DP-14		Double Pole	21°95'53"	57	1443	92.3750	25.2424		Nongsning		and a
NP-12 Single Pole 6*8743* 56 1546 92.3753 25.2432 Nonganing Nonganing DP-15 2M Fourble 74*3407*** 54 1600 92.3753 25.24345 Nonganing 33kv line crossing FP-7 1M Fourble 74*3407*** 74 1674 92.3761 25.2441 Nonganing 33kv line crossing FP-7 1M Fourble 944525** 47 1765 92.3767 25.2441 Nonganing 25 DP-17 Double Pole 0*1055** 47 1812 92.3767 25.2454 Nonganing Exec SP-13 Single Pole 0*105** 47 1812 92.3767 25.2454 Nonganing Exe SP-14 Single Pole 0*105** 47 1812 92.3767 25.2454 Nonganing Exe SP-14 Single Pole 7*6505** 47 1825 92.3767 25.2454 Nonganing Exe SP-15 Single Pole		SP-11		Single Pole	12.56°1	47	1490	92.3752	25.2428		Nongsning	add/	
		SP-12		Single Pole	6°87'43"	56	1546	92.3755	25.2432		Nongsning	53	301
IFF-0 IM Four Pole $74^{-3}407^{-1}$ 74 1674 92.3761 25.2442 Nongsning $33k$ line crossing IFP-7 IM Four Pole $94^{-4}5^{-}22^{-}$ 44 1718 92.3765 25.2441 Nongsning $33k$ line crossing IFP-7 IM Four Pole $94^{-4}5^{-}22^{}$ 47 1765 92.3765 25.2445 Nongsning $3k$ line crossing DP-17 Double Pole $1^{-}46^{-}20^{-}$ 47 1812 92.3765 25.2445 Nongsning $4k$ SP-13 Single Pole $7^{-}85'05^{-}$ 47 1875 92.3767 25.2456 Nongsning $K_{11}_{11}_{11}_{12}_{11}_{11}_{12}_{11}_{12}_{11}_{12}_{11}_{11$				Double Pole	1°05'52'	54	1600	92.3758	25.2436		Nongsning		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				Four Pole	74°34'07"	74	1674	92.3761	25.2442		Nongsning	33kv line crossing	1
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	T		IM	Four Pole	94~45.22"	44	1718	92.3765	25.2441	Vala	Nongsning		101
IDP-17 Double Pole 1°46'20" 47 1812 92.3767 25.2450 Nongsning Nongsning Nongsning Nongsning Khifehtt SP-13 Single Pole 7°65'05" 47 1829 92.3767 25.2454 Nongsning Exe SP-14 Single Pole 7°65'05" 47 1806 92.3768 25.2454 Nongsning Khifehtt SP-15 Single Pole 0°58'03" 46 1952 92.3776 25.2462 Nongsning Khifehtt DP-18 Double Pole 2°70'02" 50 2002 92.3772 25.2466 Nongsning Khifehtt DP-19 Double Pole 3°26'38" 45 2002 92.3773 25.2476 Nongsning Khifehtt DP-19 Double Pole 3°26'38" 45 2002 92.3773 25.2476 Nongsning Khifehtt SP-16 Single Pole 6'10'09" 46 2033 92.3775 25.2477 Nongsning Khi SP-18		DP-16		Double Pole	0°10'58"	47	1765	92.3766	25.2445		Nongsning	7	
SP-13 Single Pole 7°65'05" 47 1859 92.3767 25.2454 Nongsning Khifehtt SP-14 Single Pole 7°84'54" 47 1906 92.3768 25.2458 Nongsning Khifehtt SP-15 Single Pole 0°58'03" 46 1952 92.3776 25.2462 Nongsning Khifehtt DP-18 Double Pole 2°70'02" 50 2002 92.3772 25.2466 Nongsning Khifehtt DP-19 Double Pole 3°26'38" 45 2002 92.3773 25.2470 Road Nongsning Khifehtt DP-19 Double Pole 3°26'38" 45 2002 92.3773 25.2470 Road Nongsning Khifehtt SP-16 Single Pole 6'10'09" 46 203375 25.2473 Nongsning Khifehtt SP-17 Single Pole 4'50'00" 48 2141 92.3775 25.2473 Nongsning Nongsning SP-18 Single Pole 4'68'71"		11-40		Double Pole	1°46'20"	47	1812	92.3767	25.2450		Nongsning		
SP-14 Single Pole 7°84'54" 47 1906 92.3768 25.2458 Nongening Khlfehrli SP-15 Single Pole 0°58'03" 46 1952 92.3770 25.2462 Nongening Khlfehrli DP-18 Double Pole 2°70'02" 50 2002 92.3772 25.2466 Nongening Khlfehrli DP-19 Double Pole 2°70'02" 50 2002 92.3773 25.2470 Road Nongening Khlfehrli DP-19 Double Pole 3°26'38" 45 2047 92.3773 25.2470 Road Nongening Khlfehrli SP-16 Single Pole 6°10'09" 46 2093 92.3775 25.2473 Nongening Khlfehrli SP-17 Single Pole 4°50'00" 48 2141 92.3775 25.2473 Nongening Nongening SP-18 Single Pole 4°50'00" 48 2191 92.3776 25.2471 Nongening Nongening SP-18 Single Pole<		SP-13		Single Pole	7°65'05"	47	1859	92.3767	25.2454		Nongsning	Fundantive	Engineer
SP-15 Single Pole 0°58'03" 46 1952 92.3770 25.2462 Nongsning Khlfehtt DP-18 Double Pole 2°70'02" 50 2002 92.3772 25.2466 Nongsning Khlfehtt DP-19 Double Pole 2°70'02" 50 2002 92.3773 25.2470 Road Nongsning Khlfehtt DP-19 Double Pole 3°26'38" 45 2047 92.3773 25.2473 Nongsning Khlfehtt SP-16 Single Pole 6°10'09" 46 2093 92.3775 25.2473 Nongsning Khlfehtt SP-17 Single Pole 4°50'00" 48 2141 92.3778 25.2477 Nongsning Nongsning SP-18 Single Pole 4°56'71" 50 25.2477 Nongsning Nongsning Nongsning		SP-14		Single Pole	7°84'54"	47	1906	92.3768	25.2458		Nongsning ·		Phintian Division
DP-18 Double Pole 2°7002" 50 2002 92.3772 25.2466 Nongsning Mut- DP-19 Double Pole 3°2638" 45 2047 92.3773 25.2470 Road Nongsning Mut- SP-16 Single Pole 6°1009" 46 2093 92.3775 25.2473 Nongsning Mut- SP-17 Single Pole 6°1009" 46 2093 92.3775 25.2473 Nongsning Mut- SP-18 Single Pole 4°5000" 48 2141 92.3778 25.2477 Nongsning Mut- SP-18 Single Pole 4°6871" 50 2191 92.3778 25.2477 Nongsning Mut-		SP-15		Single Pole	0°58'03"	46	1952	92.3770	25.2462		Nongsning	ehris	and the second second
DP-19 Double Pole 3°26'38" 45 2047 92.3773 25.2470 Road Nongsning Nongsning SP-16 Single Pole 6°10'09" 46 2093 92.3775 25.2473 Nongsning Nongsning SP-17 Single Pole 6°10'09" 46 2141 92.3778 25.2477 Nongsning SP-18 Single Pole 4°50'00" 48 2141 92.3778 25.2477 Nongsning SP-18 Single Pole 4°68'71" 50 2191 92.3780 25.2481 Nongsning		DP-18		Double Pole	2°70'02"	50	2002	92.3772	25.2466		Nongsning	MFL POCI	NUIGHTAN .
SP-16 Single Pole 6°1009" 46 2093 92.3775 25.2473 SP-17 Single Pole 4°5000" 48 2141 92.3778 25.2477 SP-18 Single Pole 4°6871" 50 2191 92.3780 25.2481		DP-19		Double Pole	3°26'38"	45	2047	92.3773	25.2470 1	Road	Nongsning		
SP-17 Single Pole 4°50'00" 48 2141 92.3778 25.2477 SP-18 Single Pole 4°68'71" 50 2191 92.3780 25.2481		SP-16		Single Pole	6°10'09"	46	2093	92.3775	25.2473		Nongsning		
SP-18 Single Pole 4°68'71" 50 2191 92.3780 25.2481		SP-17		Single Pole	4°50'00"	48	2141	92.3778	25.2477		Nongsning		
		SP-18		Single Pole	4°68'71"	50	2191	92.3780	25.2481		Nongsning		
									<	0			

Page 1 of 5

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Pole Type Angle of Angle of Angle of Spanning Comunitative Length (M) Co-Ordinates Initiates gle Pole 723179° 49 2238 923788 253486 gle Pole 77170° 49 2238 923786 253496 gle Pole 72170° 49 2238 923796 2552406 uble Pole 72170° 59 23384 923799 255240 uble Pole 729170° 59 2349 923799 255240 uble Pole 779173° 59 23790 255240 255241 gle Pole 779173° 50 23549 923799 255243 gle Pole 779173° 50 23549 923799 255254 gle Pole 771 739397 923799 255254 gle Pole 771 7310 923799 255254 gle Pole 771 7310 923799 255254 gle Pole 771 7310 923799 255254 gle Pole <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>ALL ALL ALL ALL ALL ALL ALL ALL ALL ALL</th> <th></th> <th></th> <th></th>									ALL			
No. Ext. Derivation					Angle of	Span	Cumulative	C0-Or	dinates	Crossing		and the statement
98/20 Image for a constraint of the constrai	.0C. N	- 19	Extn	Pole Type	Deviation		Length (M)	Longit	Latitude	Details	Village Name	Line Crossing
Name Discrete 172/174 30 23759 23.736 23.446 Nangening Discret Mitholic Pres 172/174 30 23.736 23.446 Nangening Discret Mitholic Pres 17717 30 23.736 23.446 Nangening Discret Discret 17717 30 23.736 23.746 Nangening Discret Discret 17717 30 23.746 Nangening Nangening Discret 17717 30 23.747 23.431 23.746 Nangening Discret 17717 46 2.640 2.7716 Nangening Discret 27979 50 2.7716 Nangening Nangening Discret 27979 51 2.7766 Nangening Nangening Discret 27979 51 2.7766 Nangening Nangening Discret 27976 2.781 2.7266 Nangening Nangening Discre 27977	P45	SP-19		Single Pole	0°07'04"	49	2240		25.2485		Nongsning	
DP121 IM Denke Fele 145°17* 50 23.40 9.7.756 72.40 Nagening DP121 IM Denke Fele 0'477* 51 27.70 51 27.70 Nagening DP121 IM Denke Fele 0'477* 51 27.70 7.51 Nagening S123 Stander 0'77* 51 27.70 27.90 Nagening S123 Stander 0'77* 51 27.70 Nagening Nagening S123 Stander 0'77* 51 27.70 Nagening Nagening S124 Stander 0'77* 51 27.70 Nagening Nagening S124 Stander 0'77* 51 27.71 Nagening Nagening S124 Stander 0'77* 51 27.71 Nagening Nagening S124 Stander 0'77* 27.71 Nagening Nagening S124 Stander 0'77* 27.71 Na	P46	SP-20	2M	Single Pole	7°21'79"	49	2289				Nongsning	33kv line crossing
PP221 IM Dunkle Pole P272 344 92.7760 55.2406 Nangening PP221 Baukle Pole 217705 52.440 92.7750 55.2406 Nangening PP221 Baukle Pole 217705 52.400 92.7751 55.2406 Nangening PP221 Baukle Pole 217705 50 22.400 92.7751 55.2406 Nangening PP224 Baukle Pole 217705 50 22.400 92.7751 55.5406 Nangening PP224 Single Pole 27731 25.5405 Nangening Nangening PP224 Single Pole 27732 22.7505 25.5406 Nangening PP225 Daukle Pole 27737 25.545 Nangening Nangening PP23 Daukle Pole 279737 55.545 Nangening Nangening PP23 Daukle Pole 279737 2731 25.556 Nangening PP24 Daukle Pole 279247 2731 25.5574 Nangening </td <td>P47</td> <td>DP-20</td> <td>IM</td> <td>Double Pole</td> <td>14°56'12"</td> <td>50</td> <td>2339</td> <td></td> <td></td> <td></td> <td>Nongsning</td> <td></td>	P47	DP-20	IM	Double Pole	14°56'12"	50	2339				Nongsning	
DP23 Denkit Prior 271 2431 92.7501 X5.301 Nongening PP23 Bindit Prior 27701 47 2440 92.7791 X5.3310 Nongening PP23 Single Prior 27702 253.01 253.01 Nongening PP23 Single Prior 27731 253.510 Xongening Nongening PP23 Single Prior 27732 273 253.515 Nongening PP33 Single Prior 27791 253.515 Nongening Nongening PP33 Single Prior 27792 273 253.515 Nongening PP33 Single Prior 279.51 273	P48	DP-21	1M	Double Pole	0°47'25"	45	2384				Nongsning	
BP23 Dunkle Pole 9791 53.53.06 Nagging SP23 Single Pole 97941 53.53.05 Nagging SP23 Single Pole 97937 53.53.05 Nagging DP30 Dunkle Pole 97937 53.53.05 Nagging DP31 Dunkle Pole 97937 53.53.05 Nagging DP33 Mankle Pole 97937 53.53.05 Nagging DP34 Dunkle Pole 97937 53.53.05 Nagging DP33 Mankle Pole 97937 53.53.05 Nagging DP34 Single Pole 97937 53.53.05 Nagging DP33 Mankle Pole 97937 53.53.05 Nagging DP34 Single Pole 97937 53.53.05 Nagging DP33 <td>P49</td> <td>DP-22</td> <td></td> <td>Double Pole</td> <td>2°17'10"</td> <td>47</td> <td>2431</td> <td>92.3790</td> <td></td> <td></td> <td>Nongsning</td> <td></td>	P49	DP-22		Double Pole	2°17'10"	47	2431	92.3790			Nongsning	
92.21 Single Pole 8*9/27* 5.0 2.2.510 Nonganing 92.23 Single Pole 9*1735 5.0 9.2.750 Xonganing 92.23 Single Pole 971393 5.2.51 Xonganing Xonganing 92.23 Single Pole 971393 5.2.51 Yonganing Xonganing 92.23 Double Pole 971395 5.2.51 Yonganing Xonganing 92.23 Double Pole 971395 5.2.51 Yonganing Xonganing 92.24 Double Pole 971395 51 2.2.718 2.2.516 Nonganing 92.24 Double Pole 971375 51 2.2.718 5.2.524 Nonganing 92.36 Double Pole 971375 51 2.2.718 5.2.524 Nonganing 92.36 Nonganing 92.3014 7.7.2245 Nonganing Nonganing 92.37 Nonganing 92.3014 5.2.524 Nonganing Nonganing 92.37 Nonganing 92.3014	P50	DP-23		Double Pole	0°39'41"	59	2490		25.2506		Nongsning	
PS/23 Enduct Polo 8/92/37 4/8 2.05/6 9.2.73/1 2.2.2.13 Monomial SP2.31 Enduct Polo 67/37/3 20.66 9.2.77/8 2.2.2.13 Monomial SP2.31 Enduct Polo 67/37/9 48 2.064 9.2.77/8 2.2.2.13 Monomial SP2.31 Double Polo 9.79/97 57/1 9.2.77/8 2.2.2.13 Nongening DP2.31 Double Polo 9.79/97 57 29.27/9 2.2.2.14 Nongening DP2.31 Double Polo 9.79/97 57 2.97/9 57.3.1 2.7.2.14 Nongening DP2.31 Double Polo 57/97 57.3 2.7.2.14 Nongening DP2.31 Double Polo 57/97 57.3 2.7.2.14 Nongening DP2.31 Double Polo 57/97 57.3 2.7.2.14 Nongening DP2.32 Double Polo 57/97 2.7.2.14 Nongening Nongening DP3.31 Double Polo 57/97 Nongening	P51	SP-21		Single Pole	9°17'35"	50	2540		25.2510		Nongsning	
EV24 Studie Pole 197-95 48 2664 92.7195 55.251 Nongening SV24 Single Pole 977195 7511 92.7788 55.252 Nongening SV24 Single Pole 977195 55 7511 92.7788 55.232 Nongening SV23 Dankin Pole 977195 55 7511 92.7788 55.233 Nongening DV23 Dankin Pole 97937 55 25.234 Nongening DV24 Dankin Pole 97937 55 25.246 Nongening DV23 Dankin Pole 97937 71 3066 92.7398 55.2576 Nongening DV24 Single Pole 97947 46 32.02 92.3897 55.2567 Nongening DV24 Single Pole 97947 46 32.02 92.3897 Nongening DV24 Single Pole 97947 46 32.02 92.3897 Nongening DV24 Single Pole 97947	P52	SP-22		Single Pole	8°49'22"	48	2588		25.2515		Nongsning	
SP231 Single Pole 9771yyr 48 2.644 9.2.788 5.2.223 Nongening SP23 Single Pole 9770yr 57 7731 9.2.788 5.2.233 Nongening DP23 Danthe Pole 9793yr 57 7731 9.2.788 5.2.234 Nongening DP23 Danthe Pole 5793yr 57 7731 9.2.788 5.2.234 Nongening DP24 Danthe Pole 5793yr 57 2939yr 9.2.799 7.2.244 Nongening DP24 Danthe Pole 5793yr 57 2059 9.2.3790 5.2.254 Nongening DP30 Danthe Pole 5793yr 51 9.2.3807 2.2.341 Nongening SP30 Danthe Pole 5793yr 51 30.2.357 Nongening SP31 Danthe Pole 6793yr 53 9.2.3817 Nongening SP32 Single Pole 6793yr 54 9.2.3817 Nongening SP33 Single Pole	P53	DP-24		Double Pole	10°99'93"	48	2636		25.2519		Nonesnine	
SF24 Single Mo. 97236 2331 23388 23337 Nongenia DP23 Dunhle Pole 97934 90 781 92,3788 25337 Nongenia DP33 Dunhle Pole 97934 90 781 92,3788 25336 Nongenia DP34 Dunhle Pole 97934 51 280 92,3798 253354 Nongenia DP24 Dunhle Pole 97934 51 280 92,3798 253545 Nongenia DP24 Dunhle Pole 97934 51 29,380 25,3545 Nongenia DP34 Dunhle Pole 97934 51 23,360 25,3547 Nongenia DP34 Dunhle Pole 97934 53 23,360 25,3547 Nongenia DP34 Dunhle Pole 97934 53 23,360 25,3547 Nongenia DP34 Dunhle Pole 97934 53 23,361 23,361 Nongenia DP34 Dunhle Pole 97934	P54	SP-23		Single Pole	"20'17'95"	48	2684		25.2523		Nonesnine	
SY-2 Single Pole 97/03/* 50 2781 9.2.3788 2.3.533 Numbering DP2.3 Duntle Pole 9.9784* 51 2.3.778 2.3.534 Numbering DP2.4 Duntle Pole 9.9734* 51 2.9.778 2.3.534 Numbering DP2.4 Duntle Pole 9.9734* 55 2.9.97 2.3.795 2.5.554 Numbering DP2.4 Duntle Pole 9.7.794 55 2.9.794 55 Numbering DP2.4 Duntle Pole 6.7947* 51 3.06 2.3.791 2.5.554 Numbering DP3.4 Duntle Pole 6.7947* 51 3.06 2.3.791 Numbering SP2.6 Single Pole 6.7947* 54 3.2.07 2.5.554 Numbering SP3.6 Single Pole 6.7947* 54 3.2.574 Numbering SP3.7 Single Pole 17.379 2.3.574 Numbering SP3.7 Single Pole 17.374 2.3.574 Numb	P55	SP-24		Single Pole	6°22*50"	47	2731				Nonesning	
Dr.24 Dundle Pole 3:9799* 50 23:138 5:2:356 Nongaring Dr.23 Dundle Pole 5:9748* 51 200 2:3:788 5:3:254 Nongaring Dr.23 Dundle Pole 5:9748* 71 306 2:3:793 5:2:554 Nongaring Dr.23 Dundle Pole 5:9748* 71 306 2:3:793 5:2:557 Nongaring Dr.30 Dundle Pole 5:9747* 71 306 2:3:301 5:2:557 Nongaring Dr.31 Dundle Pole 5:9747* 40 3:3:10 2:3:301 5:2:557 Nongaring Dr.31 Single Pole 1:7:375* 46 3:3:10 2:3:3:17 Nongaring Str23 Single Pole 1:7:3:17* 46 3:4:17 3:5:2:57 Nongaring Str34 Single Pole 1:7:3:17* 40 2:3:3:17 Nongaring Str34 Single Pole 1:7:3:17* 40 2:3:4:13 Nongaring Str34 Sing	P56	SP-25		Single Pole	4°70'33"	50	2781	92.3788			Nonesnine	132kv line crossing
D7-26 Durolic Polo 59-5458* 51 2828 29.2458 55.241 Nongening D7-21 Durolic Polo 59-3406 51 2390 22.359 0.000 Nongening D7-23 ZM Durolic Polo 57-3406 51 201 Nongening Nongening D7-31 Durolic Polo 57-3405 51 3113 22.3591 Nongening Nongening D7-31 Durolic Polo 57-3405 51 313 22.3501 Nongening D7-31 Durolic Polo 57-905 51 313 22.3501 Nongening D7-32 Durolic Polo 57-907 51 313 22.3501 Nongening D7-33 Durolic Polo 57-934 49 32.321 22.566 Nongening ST-32 Durolic Polo 57-934 49 32.321 22.566 Nongening ST-32 Standa 47 32.321 22.361 Nongening ST-32 Standa 27.325	P57	DP-25		Double Pole	3°39'39"	50	2831	92.3788			Nonstring	Succession and a
Dr.21 Dundle Pole 597390* 52.5345 Nonscrint Dr.23 AD Dundle Pole 59737* 51 Science Nonscrint Dr.23 AD Dundle Pole 54737* 75 25.554 Nonscrint Dr.23 AD Dundle Pole 54707* 75 25.64 Nonscrint Dr.24 Nonscrint 57.550 Science 73.33 25.256 Nonscrint Dr.24 Single Pole 675007 54 32.0 25.3817 Nonscrint Dr.24 Single Pole 675007 54 32.0 25.3817 Nonscrint Single Pole 67507 54 32.0 25.3817 Nonscrint Single Pole 679137 54 32.0 25.256 Nonscrint Single Pole 679137 57.53 55.256 Nonscrint Single Pole 17.3174 47 35.456 Nonscrint Single Pole 17.3174 47 35.256 Nonscrint	P58	DP-26		Double Pole	29°54'88"	51	2882				Nonenina	
Dr.23 Durble Pole B:122.4 56 2935 2.3.7550 Road Nongening Dr.20 ZM Durble Pole 3:3.408 71 3006 2:3.756 Nongening Dr.20 Single Pole 6'56'80° 47 3115 92.3801 2:5.5.56 Nongening Single Pole 6'56'80° 47 3130 92.3817 2:5.5.57 Nongening Single Pole 6'56'80° 46 3:319 92.3813 2:5.5.57 Nongening Single Pole 6'79'47* 46 3:319 92.3813 2:5.5.57 Nongening Single Pole 6'79'47* 46 3:319 92.3813 2:5.5.76 Nongening Single Pole 17'7'7'7 46 3:319 92.3813 2:5.5.76 Nongening Single Pole 17'1'1'4' 47 3:50 92.3813 2:5.5.76 Nongening Single Pole 17'1'1'4' 47 3:54 92.3813 2:5.5.76 Nongening Single Pole	P59	DP-27		Double Pole	5°93'80"	57	2939				Nonemine	
DP-20 XII Double Pole 53-40% 71 3066 92.3798 25.2551 Nongening DP-30 IM Durble Pole 679(32) 47 3113 92.3801 25.2551 Nongening DP-31 Durble Pole 679(32) 43 310 92.3801 25.554 Nongening DP-31 Durble Pole 679(43) 48 3310 92.3813 25.5579 Nongening DP-31 Single Pole 679(43) 48 3310 92.3813 25.5579 Nongening Single Pole 679(43) 48 3310 92.3813 25.5579 Nongening Single Pole 679(43) 48 3310 92.3813 25.5576 Nongening Single Pole 173729 49 3349 92.3813 25.5569 Nongening Single Pole 173729 46 3349 92.3813 25.5569 Nongening Single Pole 173729 564 92.3813 25.556 Nongening </td <td>P60</td> <td>DP-28</td> <td>2M</td> <td>Double Pole</td> <td>8°15'24"</td> <td>56</td> <td>2002</td> <td></td> <td>05.2550</td> <td>Road</td> <td>Noncenting</td> <td>11 Intline crocine</td>	P60	DP-28	2M	Double Pole	8°15'24"	56	2002		05.2550	Road	Noncenting	11 Intline crocine
DP-30 IM Denkle Polic 6°83/02 47 3113 9.2.3801 2.5.2557 Nongening PP-31 Nonthe Polic 6'968/05 44 3106 9.2.3801 5.2.2564 Nongening PP-32 Single Polic 6'970/759 48 3206 9.2.3801 5.2.5571 Nongening PP-32 Single Polic 6'70/759 48 3300 9.2.3812 5.2.5772 Nongening PP-31 Single Polic 9(79/759 48 3300 9.2.3812 5.2.5774 Nongening SP-31 Single Polic 173377 49 3359 9.2.3813 5.2.5774 Nongening SP-31 Single Polic 173377 47 3554 9.2.3813 5.2.576 Nongening SP-30 Single Polic 173377 47 3554 9.2.3813 Nongening SP-31 Single Polic 173177 47 3554 Nongening SP-34 Single Polic 1775777 47 355261 <	P61	DP-29	2M	Double Pole	3°34'08'	12	3066		252554	mour	Nonening	11hv line crossing
DP-31 Dunkle Pole 495/88 47 3160 92.3804 25.2561 Nongening 28-26 Dunkle Pole 675697 54 3205 92.3804 52.564 Nongening 28-27 Single Pole 675697 54 3205 92.3801 55.2576 Nongening 87-28 Single Pole 977977 59 3339 92.3812 55.2576 Nongening 87-28 Single Pole 977977 59 3339 92.3813 55.2576 Nongening 87-33 Single Pole 17317 47 3549 92.3813 55.2576 Nongening 87-33 Single Pole 17317 47 3549 92.3813 55.2576 Nongening 87-33 Single Pole 17317 47 3549 92.3813 55.2576 Nongening 87-33 Single Pole 17317 47 3549 92.3813 55.2576 Nongening 919-35 Single Pole 17317 47 3544 </td <td>P62</td> <td>DP-30</td> <td>MI</td> <td>Double Pole</td> <td>60831021</td> <td>47</td> <td>3113</td> <td></td> <td>123636</td> <td></td> <td>Noncening</td> <td>SUICO IN SUIL AVET</td>	P62	DP-30	MI	Double Pole	60831021	47	3113		123636		Noncening	SUICO IN SUIL AVET
SP-2.6 Single Pole 6'56'80' 4/b 3108 9.".3607 2.5.3.64 Nongening SP-2.7 Diuble Pole 6'9'1'3' 54 3305 2.3.800 2.5.3.64 Nongening SP-2.8 Single Pole 6'9'1'3' 54 3305 2.3.800 2.5.3.64 Nongening SP-2.8 Single Pole 6'1'1'3' 49 3315 2.5.3.64 Nongening SP-2.0 Single Pole 6'1'1'4' 46 3.305 2.3.813 2.5.3.67 Nongening SP-2.0 Single Pole 1'2'3'3' 49 3.480 2.3.831 2.5.5.76 Nongening SP-31 Single Pole 1'2'3'3' 47 3.596 9.3.831 2.5.5.76 Nongening SP-33 Single Pole 1'1'1'3' 47 3.596 9.3.831 2.5.5.66 Nongening Divelop Pole 9'1'1'3' 47 3.544 2.5.566 Nongening Divelop Pole 9'1'1'3' 3.7.831 2.5.566 Nongening	P63	DP-31		Double Pole	4°96'88"	47	3160		1950 56		Nonceing	
DF-33 Deuthe Fole 407759/r 54 3202 92.8803 25.5570 Nungsming SF27 Single Pole 677797 48 3310 92.3813 25.5570 Nongsming SF23 Single Pole 677797 48 3310 92.3813 25.5570 Nongsming SF23 Single Pole 17937 49 3340 92.3813 25.5576 Nongsming SF33 Single Pole 17337 49 3349 92.3833 25.5576 Nongsming SF33 Single Pole 17437 49 3439 92.3833 25.5576 Nongsming SF33 Single Pole 17437 47 3549 92.3847 25.556 Nongsming SF33 Single Pole 17143" 47 3643 92.3847 25.256 Nongsming SF34 Single Pole 19717 47 3643 92.3847 25.256 Nongsming SF34 Single Pole 1971791 92.3847 25.2560 <td>P64</td> <td>30-26</td> <td></td> <td>Single Pole</td> <td>605690"</td> <td>48</td> <td>3005</td> <td></td> <td>100000</td> <td></td> <td>Monthe</td> <td></td>	P64	30-26		Single Pole	605690"	48	3005		100000		Monthe	
SF-75 Single Pole 074173 478 3310 22.3813 25.2770 Nongening SF-75 Single Pole 071377 49 3319 22.3813 25.2772 Nongening SF-37 Single Pole 071377 49 3359 22.3813 25.2774 Nongening SF-31 Dingle Pole 17.3711 46 3469 27.3875 Nongening SF-31 Dingle Pole 17.3711 46 3549 27.3875 Nongening SF-31 Dingle Pole 17.3711 46 3549 27.3875 Nongening SF-31 Dingle Pole 977597 47 3596 92.3841 25.2566 Nongening SF-35 Single Pole 977597 47 3596 92.3831 25.2566 Nongening SF-35 Single Pole 977597 47 3738 25.2661 Nongening SF-35 Dinble Pole 977597 37 92.3831 25.2566 Nongening S	59d	DD.37		Double Dala	ADOI 71501	NY NY	0070		1007:07		INURSHING	
SF-35 Single Pole 91777 3339 92.8818 25.2772 Nongening SP-36 Single Pole 91777 340 92.8813 25.2774 Nongening SP-31 Single Pole 17371 46 3309 25.8813 25.2774 Nongening SP-31 Single Pole 17371 46 3304 92.8817 25.2578 Nongening SP-31 Single Pole 17371 47 3549 92.8817 35.2578 Nongening SP-33 Single Pole 17371 47 3549 92.8817 35.2578 Nongening SP-34 Double Pole 17374 47 3643 92.8847 25.258 Nongening SP-34 Single Pole 97175 47 3783 92.8847 25.256 Nongening SP-35 Single Pole 1771204 40 3738 92.3847 25.266 Nongening SP-35 Single Pole 1771204 40 3738 92.3847 25.2	DAG	LC do		Cincle Dola	10 11 NL	OF	10100		6007.07		INORGENING	
37-36 Single Pole 7-10-75 5-0 3-00 9-2.3-313 2-2.7-12 Nonganing SP-30 Single Pole 17-03 4 3-409 9-2.3-31 2.2.27-6 Nonganing SP-31 Single Pole 17-03 4 3-409 9-2.3-31 2.2.27-6 Nonganing SP-33 Dauble Pole 570137 4 3-349 9-2.3-31 2.2.27-6 Nonganing SP-33 Dauble Pole 570137 4 3-349 9-2.3-31 Nonganing SP-34 Dauble Pole 9-47557 4 3-313 9-2.3-343 2.2.254 Nonganing SP-34 Dauble Pole 9-47557 4 3-335 9-2.3843 2.2.256 Nonganing SP-34 Single Pole 7-0357 50 3-335 9-2.3843 2.2.2661 Nonganing SP-36 Single Pole 17-1244* 49 9-2.3843 2.2.2661 Nonganing SP-36 Single Pole 17-1244* 49 9-2.3843 <t< td=""><td>1001</td><td>00 00</td><td></td><td>Cincle Dela</td><td>1101010</td><td>ot</td><td>0100</td><td></td><td>0/07/07</td><td></td><td>Nongsning</td><td></td></t<>	1001	00 00		Cincle Dela	1101010	ot	0100		0/07/07		Nongsning	
SP-30 Single Pole 79.47 340 7.2.57.1 Nonganing SP-31 Single Pole 17.373.7 40 3.364 92.3831 25.2576 Nonganing SP-31 Diable Pole 17.313.7 46 3.564 92.3833 25.2576 Nonganing SP-33 Single Pole 1071143 47 3.564 92.3833 25.2576 Nonganing SP-33 Single Pole 1071143 47 3.564 92.3833 25.2566 Nonganing SP-34 Dauble Pole 97.7597 47 3.563 92.3843 25.2566 Nonganing SP-35 Single Pole 97.7597 47 3783 92.3843 25.2566 Nonganing SP-36 Single Pole 107500 50 3835 92.3843 25.2605 Nonganing SP-36 Single Pole 107500 50 3835 92.3843 25.2605 Nonganing SP-36 Single Pole 107500 50 38359 2.38532 <td>D60</td> <td>00-10</td> <td></td> <td>Cingle Fold</td> <td>12 CT.C</td> <td>47</td> <td>6000</td> <td></td> <td>7107107</td> <td></td> <td>Nongsning</td> <td></td>	D60	00-10		Cingle Fold	12 CT.C	47	6000		7107107		Nongsning	
SP-30 Single Fole 17-33-7 443 92.3831 25.276 Nongening SP-31 Dindle Fole 17-317 46 3549 92.3831 25.2788 Nongening SP-33 Single Fole 17-317 47 3549 92.3833 25.2588 Nongening SP-34 Dauble Fole 97871* 47 3549 92.3847 25.2588 Nongening SP-35 Single Fole 977597* 47 3549 92.3847 25.2588 Nongening SP-35 Single Fole 977597* 47 3549 92.3847 25.2588 Nongening SP-35 Single Fole 770537* 50 3835 92.3853 25.2501 Nongening SP-36 Single Fole 770537* 50 3835 92.3853 25.2601 Nongening SP-36 Single Fole 177204* 49 3933 92.3843 25.2605 Nongening SP-36 Single Fole 177204* 49 3735	000	06 Q.0		Surgic Foic	100.72	0C	040		4/C7.C7		Nongsning	
DF-31 Dingle Pole 17-211* 46 3504 92.3831 22.3578 Nongening DF-33 Single Pole 107-1143* 47 3596 92.3831 22.3578 Nongening DF-34 Double Pole 97-377* 47 3596 92.3831 22.3581 Nongening DF-34 Double Pole 97-7597* 47 3595 92.3841 22.3586 Nongening DF-34 Double Pole 97-7597* 47 3785 92.3853 22.3586 Nongening SF-36 Single Pole 97-1792* 47 3785 92.3853 25.2605 Nongening SF-36 Single Pole 17-1204* 49 3783 92.3853 25.2605 Nongening SF-36 Single Pole 17-1204* 49 3784 25.2615 Nongening SF-36 Double Pole 17-1204* 49 3784 25.2615 Nongening SF-36 Double Pole 17-1204* 49 37846 Nongening	Post	5F-50		Single Pole	1-33'35	49	3458		25.2576		Nongsning	
DP-33 Double Pole 5*0133* 45 3549 92.3835 25.280 Nongsning SP-33 Single Pole 16*1143* 47 3596 92.3839 25.584 Nongsning SP-34 Single Pole 9*4856* 50 3693 92.3831 25.558 Nongsning DP-34 Double Pole 9*4856* 50 3693 92.3833 25.558 Nongsning SP-35 Single Pole 9*4856* 50 3693 92.3833 25.5261 Nongsning SP-36 Single Pole 7*053* 50 3835 92.3833 25.5265 Nongsning SP-36 Single Pole 7*7054* 49 3824 25.261 Nongsning SP-36 Single Pole 7*7054* 49 3834 92.3843 25.5265 Nongsning SP-36 Single Pole 7*7054* 49 3334 92.3844 25.5265 Nongsning SP-36 Single Pole 7*6804* 50 3834 <td< td=""><td>P70</td><td>SP-31</td><td></td><td>Stugle Pole</td><td>1°23'11"</td><td>46</td><td>3504</td><td></td><td>25.2578</td><td></td><td>Nongsning</td><td></td></td<>	P70	SP-31		Stugle Pole	1°23'11"	46	3504		25.2578		Nongsning	
SP-32 Single Pole 10°1143" 47 3506 92.3841 25.281 Nonganing DP-34 Double Pole 94856" 50 3643 92.3847 25.584 Nonganing DP-34 Double Pole 9-8756" 50 3603 92.3847 25.586 Nonganing DP-34 Double Pole 9-8756" 50 3603 92.3847 25.5265 Nonganing DP-35 Single Pole 9'5175" 47 3785 92.3845 25.5265 Nonganing SP-36 Single Pole 177'1204" 49 3745 25.5265 Nonganing DP-37 Double Pole 177'1204" 49 3744 92.3846 25.5261 Nonganing DP-37 Double Pole 19'7907" 48 4031 92.3846 25.5261 Nonganing DP-38 Double Pole 19'7907" 48 4127 92.3846 25.5261 Nonganing DP-38 Double Pole 19'7907" 48 4127	ILL	DP-33		Double Pole	5°01'33"	45	3549		25.2580		Nongsning	
SP-33 Single Pole 9°8871" 47 3643 92.3847 25.2546 Nongening DP-34 Double Pole 9°4850" 45 3693 92.3847 25.256 Nongening DP-35 Double Pole 37°5507" 45 3785 92.3847 25.256 Nongening SP-35 Single Pole 37°5505" 50 3835 92.3853 25.2560 Nongening SP-36 Double Pole 7°0570" 49 3875 92.3853 25.2601 Nongening SP-37 Single Pole 17°2505" 49 3983 92.3853 25.2601 Nongening DP-36 Double Pole 17°2505" 49 3984 92.3854 25.2613 Nongening DP-38 Single Pole 11°3202" 49 374165 52.613 Nongening DP-38 Single Pole 11°5703" 49 3742 25.2617 Nongening DP-38 Single Pole 11°5703" 49 4106 92.3846	P72	SP-32		Single Pole	10°11'43"	47	3596		25.2581		Nongsning	
DP-34 Double Pole 9-48756" 50 3633 92.3847 25.2586 Nongsning DP-33 Double Pole 377787 45 3738 92.3851 25.5592 Nongsning SP-35 Single Pole 770577" 45 3738 92.3853 25.5592 Nongsning SP-37 Single Pole 77057" 50 3835 92.3853 25.5595 Nongsning SP-37 Double Pole 1771204" 49 3934 92.3853 25.5205 Nongsning DP-36 Double Pole 1771204" 49 3934 92.3853 25.5205 Nongsning DP-37 Double Pole 1971204" 49 3934 92.3854 25.5605 Nongsning DP-38 Single Pole 197920" 48 4031 92.3846 25.5617 Nongsning DP-38 Single Pole 19702" 48 4127 92.3846 25.5617 Nongsning DP-38 Single Pole 19702" 4106	P73	SP-33		Single Pole	9°88'71"	47	3643	92.3843	25.2584		Nongsning	132kv line crossing
DP-35 Double Pole 377597" 45 3738 92.3851 25.2582 Nonganing SP-34 Single Pole 97.37597" 47 3785 92.3852 25.2592 Nonganing SP-35 Single Pole 70053" 50 3885 92.3853 25.2601 Nonganing SP-36 Single Pole 1771204" 49 3934 92.3853 25.2609 Nonganing SP-37 Duble Pole 1771204" 49 3934 92.3850 25.2609 Nonganing SP-37 Duble Pole 1771204" 49 3934 92.3850 25.2609 Nonganing SP-30 Single Pole 17902" 49 3934 25.2613 Nonganing SP-30 Single Pole 17902" 46 4127 92.3844 25.2613 Nonganing SP-30 Single Pole 17930" 49 4176 92.3844 25.2613 Nonganing SP-40 Single Pole 17930"" 49 4176	P74	DP-34		Double Pole	9°48'56"	50	3693	92.3847	25.2586		Nongsning	
SP-34 Single Pole 9°5175" 47 3785 92.3852 25.2592 Nongsning SP-35 Single Pole 7°05705" 50 3835 92.3853 25.2505 Nongsning SP-36 Duble Pole 17°1204" 49 39385 92.3853 25.2605 Nongsning DP-37 Duble Pole 17°1204" 49 3983 92.3850 25.2605 Nongsning DP-37 Duble Pole 17°1204" 50 4033 92.3846 25.2613 Nongsning DP-38 Duble Pole 1°9027" 46 4127 92.3846 25.2613 Nongsning DP-38 Duble Pole 1°9702" 48 4081 92.3846 25.2613 Nongsning DP-38 Duble Pole 1°9702" 48 4033 92.3844 25.2613 Nongsning DP-39 Single Pole 1°9702" 49 4127 92.3844 25.2613 Nongsning SP-31 Single Pole 1°97027" 4334	P75	DP-35		Double Pole	37°75'97"	45	3738	92.3851	25.2588		Nongsning	
SP-35 Single Pole 7°00'53" 50 3835 92.3853 25.2596 Nongsting SP-36 Bingle Pole 10°55'0° 50 3885 92.3853 25.2601 Nongsting SP-36 Bingle Pole 10°55'0° 50 3885 92.3853 25.2601 Nongsting SP-37 Single Pole 17°12'4" 49 3934 25.2603 Nongsting SP-37 Duoble Pole 7°68'04" 50 4033 92.3848 25.2617 Nongsting SP-38 Duoble Pole 199'00" 48 4081 92.3844 25.2617 Nongsting SP-38 Duoble Pole 19'000" 4033 92.3844 25.2617 Nongsting SP-48 Single Pole 19'0703" 49 4176 92.3843 25.2613 Nongsting SP-48 Single Pole 10'0750" 49 4177 92.3843 25.2613 Nongsting SP-40 Single Pole 10'0238" 52.3613 Nongsting	P76	SP-34		Single Pole	9°51'75"	47	3785	92.3852	25.2592		Nongsning	
SP-36 Single Pole 10°5505" 50 3885 92.3853 25.2601 Nongsting DP-36 Double Pole 17°1704" 49 3934 92.3850 25.2603 Nongsting DP-37 Double Pole 7*8162" 49 3934 92.3850 25.5603 Nongsting DP-37 Double Pole 7*804" 50 4033 92.3840 25.5613 Nongsting DP-38 Double Pole 7*804" 50 4033 92.3846 25.5613 Nongsting DP-38 Double Pole 19'9'30" 48 4081 92.3844 25.2611 Nongsting SP-40 Single Pole 19'7'30" 49 41'76 92.3844 25.2623 Nongsting SP-40 Single Pole 10'7'30" 49 41'76 92.3842 25.2623 Nongsting SP-40 Single Pole 10'7'30" 49 41'76 92.3842 25.263 Nongsting SP-41 Single Pole 17'7'30" 42'7	PTT	SP-35		Single Pole	7°00'53"	50	3835	92.3853	25.2596		Nongsning	
DP-36 Double Pole 17*12'04" 49 3934 92.3852 25.2605 Nongsning SP-37 Single Pole 3*4162" 49 3933 92.3850 25.2609 Nongsning DP-37 Double Pole 7*68'04" 50 4033 92.3848 25.3613 Nongsning DP-38 Double Pole 1*93'02" 46 4127 92.3844 25.3613 Nongsning DP-39 Single Pole 1*93'02" 49 4127 92.3844 25.3653 Nongsning DP-39 Single Pole 1*975'03" 49 4127 92.3844 25.3654 Nongsning SP-40 Single Pole 1*75'03" 49 4275 92.3833 25.3654 Nongsning SP-41 Single Pole 9*53'40" 4372 92.3827 25.3654 Nongsning SP-41 Single Pole 9*73'2" 4420 92.3818 25.3654 Nongsning SP-41 Single Pole 7*4164" 49 4372	P78	SP-36		Single Pole	10°55'05"	50	3885	92.3853	25.2601		Nongsning	
Strigte Pole 3°41'62" 49 3983 92.3850 25.2609 Nonganing DP-37 Double Pole 7°68'04" 50 4033 92.3848 25.2613 Nonganing DP-38 Double Pole 1'93'02" 48 4081 92.3846 25.2617 Nonganing SP-38 Single Pole 1'93'02" 48 4081 92.3844 25.2617 Nonganing SP-39 Single Pole 10'92'98" 49 4176 92.3844 25.2623 Nonganing SP-40 Single Pole 10'75'03" 49 4275 92.3833 25.2624 Nonganing SP-41 Single Pole 1'75'03" 49 4275 92.3833 25.2634 Nonganing SP-41 Single Pole 1'75'03" 49 4275 92.3833 25.2636 Nonganing SP-41 Single Pole 1'75'03" 49 4272 92.3831 25.2636 Nonganing SP-43 Single Pole 1'75'03" 48 4	619	DP-36		Double Pole	17°12'04"	49	3934	92.3852	25.2605		Nongsning	
DP.37 Double Pole 7'68'04" 50 4033 92.3848 25.2613 Nongsning DP.38 Double Pole 1'93'02" 48 4081 92.3846 25.2617 Nongsning SP-38 Single Pole 1'93'02" 48 4081 92.3846 25.2617 Nongsning SP-39 Single Pole 10'02'98" 49 4176 92.3844 25.2651 Nongsning SP-40 Single Pole 11'53'80" 50 4226 92.3833 25.2653 Nongsning SP-41 Single Pole 17'50'3" 49 4275 92.3833 25.2631 Nongsning SP-41 Single Pole 1'7503" 49 4275 92.3831 25.2634 Nongsning SP-41 Single Pole 1'7503" 49 4275 92.3831 25.2634 Nongsning SP-43 Single Pole 1'7503" 49 4275 92.3831 25.2634 Nongsning SP-43 Single Pole 1'7164" 49<	P80	SP-37		Single Pole	3°41'62"	49	3983	92.3850	25.2609		Nongsning	
	P81	DP-37		Double Pole	7°68'04"	50	4033	92.3848	25.2613		Nongsning	132kv line crossing
SP-38Single Pole $4^{\circ}09901^{\circ}$ 46 4127 92.3844 25.2621 10° SP-40Single Pole $10^{\circ}0298^{\circ}$ 49 4176 92.3842 25.2625 10° SP-40Single Pole $10^{\circ}0298^{\circ}$ 49 4275 92.3835 25.2623 10° DP-39Double Pole $1^{\circ}7503^{\circ}$ 49 4275 92.3835 25.2631 10° SP-41Single Pole $9^{\circ}5340^{\circ}$ 49 4275 92.3835 25.2634 10° SP-42Single Pole $9^{\circ}5340^{\circ}$ 49 4272 92.3831 25.2634 10° SP-43Single Pole $7^{\circ}4164^{\circ}$ 49 4420 92.3818 25.2640 10° SP-44Single Pole $1^{\circ}79755^{\circ}$ 48 4420 92.3818 25.2640 10° DP-40Double Pole $1^{\circ}79755^{\circ}$ 49 4568 92.3818 25.2640 10° SP-45Single Pole $1^{\circ}7704^{\circ}$ 50 4568 92.3816 25.2643 10° SP-46Single Pole $5^{\circ}0052^{\circ}$ 50 4618 92.3816 25.2643 10°	P82	DP-38		Double Pole	1°93'02"	48	4081	92.3846	25.2617		Nongsning	
SP-39Single Pole $10^{\circ}02^{\circ}98^{\circ}$ 49 4176 92.3842 25.2625 55.2625 SP-40Single Pole $11^{\circ}53^{\circ}80^{\circ}$ 50 4226 92.3835 25.2631 55.2631 DP-39Double Pole $1^{\circ}7503^{\circ}$ 49 4275 92.3835 25.2631 55.2634 SP-41Single Pole $9^{\circ}5340^{\circ}$ 49 4275 92.3831 25.2634 55.2634 SP-43Single Pole $6^{\circ}9432^{\circ}$ 48 4372 92.3827 25.2636 55.2640 SP-44Single Pole $7^{\circ}4164^{\circ}$ 49 4469 92.3818 25.2640 55.2640 DP-40Double Pole $1^{\circ}7975^{\circ}$ 49 4469 92.3818 25.2640 55.2643 SP-45Single Pole $1^{\circ}7704^{\circ}$ 50 4518 92.3816 25.2643 55.2643 SP-46Single Pole $4^{\circ}7704^{\circ}$ 50 4618 92.3816 25.2643 55.2643 SP-46Single Pole $4^{\circ}7704^{\circ}$ 50 4618 92.3816 25.2643 55.2643	P83	SP-38		Single Pole	4°99'91"	46	4127	92.3844	25.2621		Nongsning	
SP-40Single Pole $11^{-53'80'}$ 50 4226 92.3838 25.2628 125.2631 DP-39Double Pole $1^{\circ}75'03''$ 49 4275 92.3835 25.2631 125.2634 SP-41Single Pole $9^{\circ}53'40''$ 49 4275 92.3835 25.2634 125.2634 SP-42Single Pole $9^{\circ}53'40''$ 48 4372 92.3827 25.2636 125.2636 SP-43Single Pole $7^{\circ}4164''$ 49 4420 92.3818 25.2636 125.2640 SP-40Double Pole $1^{\circ}73'25''$ 48 4469 92.3818 25.2640 125.2640 SP-45Single Pole $1^{\circ}7704''$ 50 4568 92.3816 25.2643 125.2643 SP-46Single Pole $1^{\circ}7704''$ 50 4568 92.3810 25.2643 125.2643 SP-46Single Pole $1^{\circ}7704''$ 50 4618 92.3810 25.2643 125.2643	P84	SP-39		Single Pole	10°02'98"	49	4176	92.3842	25.2625		Nongsning	
IDP-39 Double Pole $1^{\circ}7503"$ 49 4275 92.3835 25.2631 P SP-41 Single Pole $9^{\circ}53'40"$ 49 4274 92.3831 25.2634 P SP-42 Single Pole $9^{\circ}53'40"$ 49 4324 92.3831 25.2634 P SP-43 Single Pole $6^{\circ}94'32"$ 48 4372 92.3827 25.2636 P SP-43 Single Pole $4^{\circ}73'25"$ 48 4420 92.3818 25.2640 P SP-44 Double Pole $7^{\circ}164"$ 49 4469 92.3818 25.2640 P DP-40 Double Pole $1^{\circ}770'$ 49 4518 92.3818 25.2640 P SP-45 Single Pole $4^{\circ}770'$ 50 4568 92.3816 25.2643 P SP-45 Single Pole $4^{\circ}770'$ 50 4568 92.3816 25.2643 P SP-46 Single Pole $4^{\circ}770'$ 50 4618	285	SP-40		Single Pole	11°53'80"	50	4226	92.3838	25.2628		Nongsning	
SP-41 Single Pole $9^{\circ}53^{4}40^{\circ}$ 49 4324 92.3831 25.2634 8 SP-42 Single Pole $6^{\circ}94^{3}22^{\circ}$ 48 4372 92.3827 25.2636 8 SP-43 Single Pole $4^{\circ}7325^{\circ}$ 48 4372 92.3827 25.2636 8 SP-43 Single Pole $7^{\circ}164^{\circ}$ 49 4469 92.3818 25.2640 8 DP-40 Double Pole $1^{\circ}2965^{\circ}$ 49 4518 92.3818 25.2643 8 SP-45 Single Pole $1^{\circ}7704^{\circ}$ 50 4518 92.3814 25.2643 8 SP-46 Single Pole $4^{\circ}7704^{\circ}$ 50 4618 92.3816 25.2643 8	P86	DP-39		Double Pole	1°75'03"	49	4275	92.3835	25.2631		Nonesning	
SP-42 Single Pole $6^{\circ}94^{3}2^{\circ}$ 48 4372 92.3827 25.2636 25 SP-43 Single Pole $4^{\circ}73^{\circ}25^{\circ}$ 48 4420 92.3822 25.2636 25 SP-44 Single Pole $7^{\circ}4164^{\circ}$ 49 4469 92.3818 25.2640 25 DP-40 Double Pole $1^{\circ}2965^{\circ}$ 49 4469 92.3818 25.2640 25 SP-45 Single Pole $1^{\circ}2965^{\circ}$ 49 4518 92.3814 25.2643 25 SP-45 Single Pole $4^{\circ}7704^{\circ}$ 50 4518 92.3810 25.2643 25 SP-46 Single Pole $4^{\circ}7704^{\circ}$ 50 4618 92.3810 25.2643 25	787	SP-41		Single Pole	9°53'40"	49	4324	92.3831	25.2634		Nongsning	
SP-43 Single Pole 4^073'25" 48 4420 92.3822 25.2638 1 SP-44 Single Pole 7°4164" 49 4469 92.3818 25.2640 1 DP-40 Double Pole 1°2965" 49 4469 92.3818 25.2640 1 SP-45 Single Pole 1°2905" 49 4518 92.3814 25.2643 1 SP-45 Single Pole 4°7704" 50 4568 92.3810 25.2643 1 SP-46 Single Pole 4°07704" 50 4618 92.3810 25.2643 1	88	SP-42		Single Pole	6°94'32"	48	4372	92.3827	25.2636		Nongsning	
SP-44 Single Pole 7°41'64" 49 4469 92.3818 25.2640 1 DP-40 Double Pole 1°29'65" 49 4518 92.3814 25.2643 1 SP-45 Single Pole 1°29'65" 49 4518 92.3814 25.2643 1 SP-45 Single Pole 4°77'04" 50 4568 92.3810 25.2645 1 SP-46 Single Pole 4°07704" 50 4618 92.3806 25.2648 1	680	SP-43		Single Pole	4°73'25"	48	4420	92.3822	25.2638		Nongsning	
DP-40 Double Pole 1°29'65" 49 4518 92.3814 25.2643 SP-45 Single Pole 4°77'04" 50 4568 92.3810 25.2645 SP-46 Single Pole 5°00'52" 50 4618 92.3806 25.2648	06	SP-44		Single Pole	7°41'64"	49	4469	92.3818	25.2640		Nongsning	
SP-45 Single Pole 4°7704" 50 4568 92.3810 25.2645 SP-46 Single Pole 5°00'52" 50 4618 92.3806 25.2648	16d	DP-40		Double Pole	1°29'65"	49	4518	92.3814	25.2643		Nongsning	
SP-46 Single Pole 5°00'52" 50 4618 92.3806 25.2648	P92	SP-45		Single Pole	4°77'04"	50	4568	92.3810	25.2645		Nongsning	
ten i	93	SP-46		Single Pole	5°00'52"	50	4618	92.3806	25.2648		Nongsning	
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Number of the state o	1	No. of Street				Detail Survey Re	Report			T		
Public Example Denti Type Mility Mi		-			Span	Cumulative	Co-Or					
Birl Single Net 71-42 46 92-30 23-565 Nongening 132-000 Diract Denker Net 7777 6 67/37 23-365 Nongening 132-000 Nongenin	No	0			(W)	Length (M)	Longitude	Latitud	-	Village Name	Line Crossing	
Physical Diselection 17/2017 61/1 92/319/1 25.555 Nangening 1200 million Physical Diselection 17/2017 61/1 92/319/1 25.555 Nangening 1200 million Physical Diselection 17/2017 61/1 92/319/1 25.556 Nangening 1200 million Physical Diselection 17/2017 92/319/1 25.556 Nangening 1200 million Physical Diselection 17/2017 92/310/2 92/319/2 25.556 Nangening 1200 million Physical Diselection 17/2017 92/310/2 92/310/2 25.556 Nangening 1200 million Physical Diselection 17/2017 92/310/2 92/310/2 25.2566 Nangening 1200 million Physical Diselection 27/310/2 27/310/2 27/310/2 27/310/2 Nangening Physical Physical 27/310/2 27/310/2 27/310/2 Nangening 27/310/2 Nangening Ph		P-47	Single Pole	7°14'42"	48	4666				Nongsning		
Physical Dender blee 31 '91's 46 9, 31 '91's Nagening 91'si Single ble 21 '91's 46 9, 31 '91's Nagening 91'si Single ble 21 '91's 53 53 '91's Nagening 91'si Single ble 27 '95's 53 94's 73 '85's 73 '85's 91'si Single ble 27 '95's 23 '91's 23 '85's Nagening 91'si Single ble 27 '95's 23 '91's 23 '91's 23 '91's 91'si Single ble 27 '91's 9 91's 23 '91's 23 '91's 91'si Single ble 97 '91's 9 23 '91's 23 '91's 23 '91's 91'si Single ble 97 '91's 9 23 '91's 23 '91's 23 '91's 91'si Single ble 97 '91's 9's'1's 23 '91's 23 '91's 91'si Single ble 97 '91's 9's'1's 23 '91's 1's'1's' 91'si Single ble <td< td=""><td></td><td>IP-41</td><td>Double Pole</td><td>1°26'12°</td><td>51</td><td>4717</td><td></td><td>25.2655</td><td></td><td>Nongsning</td><td>132kv line crossing</td><td></td></td<>		IP-41	Double Pole	1°26'12°	51	4717		25.2655		Nongsning	132kv line crossing	
State State <th< td=""><td></td><td>P-42</td><td>Double Pole</td><td>3°19'14"</td><td>48</td><td>4765</td><td></td><td>25.2658</td><td></td><td>Nongsning</td><td></td><td></td></th<>		P-42	Double Pole	3°19'14"	48	4765		25.2658		Nongsning		
Pit-16 Bigle Pile PF276 55 PF379 PF3205 PF3205 <td></td> <td>P-48</td> <td>Single Pole</td> <td>0°17'95"</td> <td>49</td> <td>4814</td> <td></td> <td>25.2662</td> <td></td> <td>Nongsning</td> <td></td> <td></td>		P-48	Single Pole	0°17'95"	49	4814		25.2662		Nongsning		
PP-461 Denkie het bester 09/06 92/376 32/30 23/30 23/30 23/30 Nangeneg 19/31 Statistic het bester 92/30 32/30 23/30		P-49	Single Pole	4°27'56"	55	4869		25.2666		Nongsning		
8F-01 Single Mole 299/29/2 50 666 92.736 52.2671 Nongoing 8F-31 Single Mole 299/27 52.667 Nongoing Nongoing 8F-31 Single Mole 299/37 52.667 Nongoing Nongoing 8F-31 Danke Mole 299/37 52.667 Nongoing Nongoing 8F-31 Danke Mole 299/37 52.667 Nongoing Nongoing 8F-31 Single Nole 199/37 52.607 Nongoing Nongoing 8F-31 Single Nole 299/37 22.206 Nongoing Nongoing 8F-31 Single Nole 99/37 22.209 20.776 22.206 Nongoing 8F-31 Single Nole 99/37 22.206 Nongoing 22.206 Nongoing 8F-31 Single Nole 99/37 27.70 27.70 Nongoing 27.70 8F-31 Single Nole 97/37 27.70 27.70 Nongoing 27.70 Nongoing 27.70		P-43	Double Pole	0°50'38"	49	4918		25.2670		Nongsning		
BF-31 Single Pris 79 901 92.713 52.2601 Nongoing Divide Danke Price 19605 911 92.770 52.661 Nongoing Divide Danke Price 19605 911 92.770 52.661 Nongoing Divide Danke Price 19705 911 92.770 52.661 Nongoing Since Since 9705 911 92.770 52.661 Nongoing Since Since 9705 92.770 92.770 92.770 Nongoing Since Since 9705 92.770 92.770 92.770 92.770 Since Since 97.770 92.770 92.770 92.770 92.770 <td></td> <td>P-50</td> <td>Single Pole</td> <td>3°92'99"</td> <td>50</td> <td>4968</td> <td></td> <td>25.2673</td> <td></td> <td>Nongsning</td> <td></td> <td></td>		P-50	Single Pole	3°92'99"	50	4968		25.2673		Nongsning		
BP-34 Single Pole Synthematical Stress Single Pole Synthematical Stress Synt		P-51	Single Pole	3°86'13"	50	5018		25.2677		Nongsning		
Diada Diada Stress Stres Stres Stres		P-52	Single Pole	1°46'85'	48	5066				Nongsning		
Direction Direction Big (17)/2 74 73(6 9.37% 5.2068 Nongening Nongening 87-51 Single (Nie 27076 5.2068 Nongening Nongening Nongening 87-51 Single (Nie 27076 5.206 0.3174 2.2060 Nongening 87-51 Single (Nie 27076 5.206 0.3174 2.2060 Nongening 87-51 Single (Nie 27076 5.206 0.3174 2.2060 Nongening 87-51 Single (Nie 27973 0.3174 0.32716 Nongening Nongening 87-53 Single (Nie 27973 0.3770 5.2716 Nongening Nongening 87-53 Single (Nie 27767 5.2716 5.2716 Nongening Nongening 87-53 Single (Nie 27767 5.2716 Nongening Nongening 87-54 Single (Nie 27076 1.0174 5.2716 1.0114 87-55 Single (Nie 27076 2.		P-44	Double Pole	29°60'95"	49	5115				Nongsning		
Data Data String		P-45	Double Pole	4°07'25"	44	5159				Nongsning		
87-51 Single Pole 97/16 25.500 State Nonsenting 87-57 Disple Pole 207027 30 53.774 25.5706 Nonsenting 87-57 Disple Pole 207027 30 53.774 25.7706 Nonsenting 87-57 Disple Pole 29.0427 40 53.84 29.776 25.7706 Nonsenting 87-57 Disple Pole 29.5027 50 53.771 Nonsenting Nonsenting 87-50 Disple Pole 29.5707 53.771 25.7706 Nonsenting 87-50 Disple Pole 27.752 25.771 25.7713 Nonsenting 97-97 Disple Pole 27.707 53.773 Nonsenting Nonsenting 97-97 Disple Pole 27.772 25.773 Nonsenting Nonsenting 97-97 Disple Pole 27.772 25.773 Nonsenting Nonsenting 97-97 Disple Pole 27.772 25.773 Nonsenting Nonsenting 97-97		P-46	Double Pole	18-91'89"	11	5236				Nongsning		
R:54 Single Pole 2.0000 90 S336 9.3171 2.57705 Nongoing R:57 Single Pole 9.9907 90 S344 9.3166 Nongoing R:57 Single Pole 9.9907 90 S434 9.3166 Nongoing R:57 Single Pole 9.9307 9.9376 5.3313 Nongoing R:57 Single Pole 9.73145 5.531 Nongoing Nongoing R:50 Single Pole 9.73145 5.631 9.23750 2.32731 Nongoing R:50 Single Pole 9.73145 5.631 9.23756 2.32739 Nongoing R:50 Denke Pole 9.7007 5.3<7740		P-53	Single Pole	"68,1L ₀ 8	50	5286		25.2699		Nongsning		
Strict Single Info 59443 73761 53276 Nonganing Piest Single Info 73943 90 5484 923761 53714 Nonganing Piest Single Info 23939 93764 53714 Nonganing Piest Single Info 23939 93764 53714 Nonganing Piest Single Info 237317 53714 Nonganing Nonganing Piest Single Info 237314 5571 92.7761 22.7734 Nonganing Piest Single Info 27741 92.7761 22.7734 Nonganing Piest Danihe Info 27974 59 92.7761 22.7734 Nonganing Piest Danihe Info 27974 59 92.7761 22.7734 Nonganing Piest Danihe Info 27974 59 92.7761 22.7734 Unma Piest Danihe Info 27974 22.7734 Unma Imma Piest Danihe Info		P-54	Single Pole	2°00'06"	50	5336		25.2703		Nongsning		
Dis-1 Diselic bio		P-55	Single Pole	3°04'23"	49	5385		25.2706		Nongsning		
Bis-56 Single Pole 27:256/68 50 53:214 Nongening Nongening 81:53 Ringle Pole 27:271 53:774 52:713 Nongening Nongening 81:53 Ringle Pole 27:721 53:773 57:73 57:73 57:73 Nongening 81:54 Stration 27:743 56 57:73 57:73 Nongening Nongening 81:50 Stration 27:743 57:73 57:73 57:73 Nongening Nongening 81:50 Stration 27:745 50 55:73 Nongening Nongening 81:50 Stration 27:755 10:171 52 57:74 27:743 10:171 81:50 Stration 27:755 10:171 10:171 10:171 10:171 81:50 Stration 27:756 10:111 10:111 10:111 10:111 11:51 Stration 27:756 10:111 10:111 10:111 10:111 11:51 Daun		P-47	Double Pole	0°34'94"	49	5434		25,2710		Nongsning		
Bis-95 Single Pole 3-22-27 4-8 5533 9.277(s) 5.2213 Nongening Di-46 Davide Pole 377(3) 57214 5721 57213 Nongening Di-46 277(3) 57214 5721 57213 Nongening Nongening Di-46 277(3) 537(4) 277(4) 537 5273(4) Nongening Di-51 Double Pole 577(5) 527(5) 5273(4) Untrin Di-51 Double Pole 577(5) 527(5) 5273(4) Untrin Di-51 Double Pole 577(5) 5277(5) 5273(4) Untrin Di-51 Double Pole 577(5) 5277(5) 5277(5) Untrin Di-51 Double Pole 577(5) 5277(5) 5277(5) Untrin Di-51 Double Pole 577(5) 5277(6) Untrin Untrin Di-51 Double Pole 577(5) 5277(6) Untrin Untrin Di-51 Double Pole 577(5) <td></td> <td>P-56</td> <td>Single Pole</td> <td>2°55'68"</td> <td>50</td> <td>5484</td> <td></td> <td>25.2714</td> <td></td> <td>Nongsning</td> <td></td> <td></td>		P-56	Single Pole	2°55'68"	50	5484		25.2714		Nongsning		
P3-58 Single Pole 87491 44 5576 9.2.770 2.2.721 Nongening Draft Double Pole 87491 44 5571 9.2.7703 2.2.7733 Nongening Draft Strage Pole 97007 52 9.2.766 2.2.7733 Nongening P5-01 Strage Pole 97007 52 9.2.766 2.2.7733 Nongening P5-01 Strage Pole 97007 52 9.2.766 2.2.7734 Nongening P5-01 Strage Pole 97007 52 9.2.766 2.2.7734 Nongening P5-01 Double Pole 17213* 50 92.776 2.2.7734 Umra P5-55 Double Pole 17213* 50 92.777 2.2.779 Umra P5-55 Double Pole 179.797 50 92.777 2.2.779 Umra P5-55 Double Pole 179.797 50 92.777 Umra 10mra P5-55 Double Pole 179.79 2.2.77		P-57	Single Pole	3°25'22"	48	5532		25.2718		Nongsning		
DP-48 Double Pole 273:148 4.5 5.621 9.2.3754 Nongaining Nongaining PF-90 Single Pole 277:01* 5.5 72.3 Nongaining Nongaining PF-91 Single Pole 277:01* 5.5 75:24 9.2.37:64 2.5.27:39 Untra PF-91 Double Pole 9.769/r 5.6 9.2.37:66 2.5.37:79 Untra PF-91 Double Pole 9.779/r 5.6 9.2.37:66 Untra Untra PF-91 Double Pole 9.799/r 5.0 9.2.37:67 2.5.37:79 Untra PF-93 Double Pole 9.799/r 5.0 9.2.37:67 2.5.377 Untra PF-93 Double Pole 9.799/r 5.0 9.2.37:67 Untra Untra PF-93 Double Pole 9.799/r 5.0 9.2.37:76 Untra Dime PF-93 Double Pole 9.799/r 2.0 2.5.77:8 Untra Dime PF-93 Double Pole	1	P-58	Single Pole	8°54'91	44	5576		25.2721		Nongsning		
DP-40 Deutle Fele 4°1/02-4° 50 55/1 9.2.3703 X0000 X00000 X0000		P-48	Double Pole	32°31'48"	45	5621		25.2725		Nongsning		
BP-59 Single Pole 4"0"0"1 53 577-3 9.2.713 2.5.733 Untra Untra PP-61 Duble Pole 5"60%T 50 92.766 2.5.774 Untra Untra PP-61 Duble Pole 5"60%T 50 92.766 2.5.774 Untra Untra PP-61 Single Pole 1"1213 50 9966 92.3767 Untra Untra PP-61 Duble Pole 2"190%T 50 9366 92.3770 2.5.2754 Untra PP-63 Duble Pole 1"1213 50 9366 92.3770 2.5.2764 Untra PF-63 Duble Pole 1"13567 40 0078 92.3770 2.5.2764 Untra PF-53 Duble Pole 1"13567 50 92.3770 2.5.2764 Untra PF-53 Duble Pole 1"13567 51 0.7780 2.5.2764 Untra PF-54 Duble Pole 1"13567 51 0.7780 2.5.2766 Untra </td <td></td> <td>P-49</td> <td>Double Pole</td> <td>4°10'24"</td> <td>50</td> <td>5671</td> <td></td> <td></td> <td></td> <td>Nongsning</td> <td></td> <td></td>		P-49	Double Pole	4°10'24"	50	5671				Nongsning		
BP-00 Single Pole 3706/T 52 3776 9.23/16 5.2739 Unita Unita DP-31 Danike Pole 3706/T 50 35234 Unita Unita Unita DP-31 Danike Pole 3796/T 52.239 Unita Unita Unita Unita DP-31 Danike Pole 273/57 0 35.2751 Unita Unita DP-33 Danike Pole 2710/57 35.2761 Unita Unita Unita DP-34 Danike Pole 2710/587 40 9028 92.3773 35.2761 Unita Unita DP-35 Danike Pole 73707 35.2766 Unita		P-59	Single Pole	4°07'01"	53	5724		25.2734		Umtra		
DP-50 Dunkle Pole 37650 ^{re} 30 382.6 9.23764 5.27343 Unitia Stead Stagle Pole 57750 ^{re} 50 393.6 9.23707 5.2733 Unitia Initia Stead Stagle Pole 57105 ^{re} 40 593.6 9.23707 5.2733 Unitia DP-53 Dauble Pole 51705 ^{re} 40 903.8 9.23707 5.5.2763 Unitia DP-54 Dauble Pole 51705 ^{re} 43 607.6 9.23770 5.5.2763 Unitia DP-54 Dauble Pole 27105 ^{re} 46 617.2 9.23776 Unitia Initia DP-54 Dauble Pole 27105 ^{re} 46 617.2 9.23776 Unitia Initia DP-54 Dauble Pole 17211 ^{re} 51 9.23776 Unitia Initia DP-54 Dauble Pole 17219 ^{re} 53 25276 Unitia Initia DP-54 Dauble Pole 17219 ^{re} 53 25276		P-60	Single Pole	3°00'67"	52	5776		25.2739		Umtra		
DP-51 Double Pole 17-36/5 500 3866 92.3766 52.3739 Umma Umma DP-53 Double Pole 11-12/13* 50 9386 92.3770 52.353 Umma Umma DP-53 Double Pole 27136* 50 92.3770 52.3753 Umma Umma DP-53 Double Pole 27136* 50 92.3770 52.3753 Umma Umma DP-53 Double Pole 11-15/90* 48 60/28 92.3773 Umma Umma SP-63 Single Pole 11-5/90* 46 61/22 92.3773 Umma Umma DP-54 Double Pole 11-5/90* 51 92.3773 22.2769 Umma Umma DP-54 Double Pole 11-9/90* 51 61/12 92.3773 22.3769 Umma Dimma DP-54 Double Pole 11-9/90* 51 22.9733 Umma Dimma 22.2769 Umma Dimma Dimma Dimma		P-50	Double Pole	5°76'59"	50	5826		25.2743		Umtra		
SP-61 Single Pole 17/21/3 50 9936 92.3767 25.3753 Untrain Untrain DP-53 Dundhe Pole 2713/3 51 0.0 23.3771 23.3771 1.0 1.0 DP-53 Dundhe Pole 2713/6 0.0 0.2 37.775 1.0 1.0 1.0 PP-54 Single Pole 97760° 50 0.028 92.3776 1.0		P-51	Double Pole	4°38'63"	60	5886		25.2749		Umtra		
DP-32 Deuble Pole 277156 358 92,3760 25,2757 Umma DP-33 Deuble Pole 277196 25,2761 Umma Umma DP-35 Deuble Pole 1175567 48 6076 92,3770 25,2766 Umma DP-35 Deuble Pole 1175577 25,2776 Umma Umma DP-36 Deuble Pole 1794097 51 6172 92,3772 25,2776 Umma DP-36 Deuble Pole 1794097 51 6203 92,3773 25,2776 Umma DP-36 Deuble Pole 1794097 51 6223 92,3773 25,2776 Umma DP-36 Deuble Pole 1797017 53 25,3776 Umma Umma DP-36 Deuble Pole 179717 92,3782 25,3776 Umma 10mma DP-46 Deuble Pole 179717 92,3782 25,3776 Umma 10mma DP-46 Deuble Pole 1799177 92,3782 <td< td=""><td></td><td>P-61</td><td>Single Pole</td><td>1°12'13"</td><td>50</td><td>5936</td><td></td><td>25.2753</td><td></td><td>Umtra</td><td></td><td></td></td<>		P-61	Single Pole	1°12'13"	50	5936		25.2753		Umtra		
DP-53 Deuble Pole 57100° 42 6038 92.3770 25.2761 Umma 8P-53 Bingle Pole 97778° 50 6156 92.3770 25.2765 Umma 8P-53 Bingle Pole 97778° 50 6122 92.3773 25.2773 Umma 8P-53 Bingle Pole 19790°58° 46 6213 92.3773 25.2773 Umma 8P-53 Bingle Pole 12970°58° 46 6213 92.3778 25.2778 Umma 8P-53 Bingle Pole 11751/2° 53 6310 92.3783 25.2778 Umma 8P-53 Bingle Pole 11751/2° 53 6310 92.3783 25.5778 Umma 8P-63 Double Pole 107927° 54 6613 92.3783 25.5279 Umma 8P-63 Double Pole 10787° 54 6317 92.3783 25.5279 Umma 8P-63 Double Pole 107897° 53.2320 Umma 10.667<		P-52	Double Pole	2°71'56"	50	5986		25.2757		Umtra		
DP-54 Deutle Pole 917-55 Untran Untran DP-55 Deutle Pole 977-75 36 92.3774 25.2765 Untran DP-55 Deutle Pole 27-1058* 50 6172 92.3774 25.2775 Untran DP-55 Deutle Pole 27-1058* 46 6172 92.3778 25.2776 Untran SP-55 Deutle Pole 17-379* 45 6205 92.3778 25.2778 Untran DP-57 Deutle Pole 17-279* 59 6305 92.3778 25.2778 Untran DP-60 Deutle Pole 17-271* 59 6305 92.3778 25.2778 Untran DP-60 Deutle Pole 17-271* 54 6317 92.3778 25.2789 Untran DP-61 DP-66 Deutle Pole 17-3791* 58 6517 92.3795 Untran DP-63 Deutle Pole 101881* 66 92.3782 25.2789 Untra 10.0113		P-53	Double Pole	5°19'09"	42	6028		25.2761		Umtra		
SP-62 Single Pole 9°6778" 50 61126 92.3773 25.2776 Unitra DP-55 Double Pole 25'91058" 51 02.3782 25.3773 Unitra DP-56 Double Pole 1'9490" 51 02.3782 25.3776 Unitra SP-65 Single Pole 1'9490" 51 02.3782 25.3778 Unitra DP-59 Double Pole 1'9490" 51 92.3782 25.3779 Unitra DP-50 Double Pole 1'94793" 54 6419 92.3783 25.3796 Unitra DP-61 Double Pole 1'7750" 58 6575 92.3791 Unitra Unitra DP-61 Double Pole 1'7790" 58 6575 92.3801 2.23789 Unitra DP-63 Double Pole 1'7793" 58 6575 92.3801 2.23789 Unitra DP-64 Double Pole 1'7793" 58 6573 92.3801 Unitra 1.01781"		P-54	Double Pole	11°55'67"	48	6076	92.3770	25.2765		Umtra		
DP-55 Double Pole 27905" 46 6172 92.3774 25.2776 Umma Umma SP-56 Single Pole 17.4007" 51 6205 92.3778 25.3776 Umma Umma SP-56 Single Pole 17.2712" 37 6306 92.3788 25.3778 Umma Umma SP-57 Double Pole 11.25112" 37 6306 92.3788 25.3778 Umma Umma DP-50 Double Pole 5757 54 6417 92.3795 25.2001 Umma Umma DP-61 Double Pole 5757 23.3795 25.2016 Umma 10.77501 DP-61 Double Pole 27730" 98 6517 92.3795 25.2016 Umma DP-63 Double Pole 27795 23.3795 25.2201 Umma 13.26016 DP-64 Double Pole 1779793" 46 6732 92.3811 25.2213 Umma 13.26016 Umma 12.6056 Umma </td <td></td> <td>P-62</td> <td>Single Pole</td> <td>9087178"</td> <td>50</td> <td>6126</td> <td>92.3772</td> <td></td> <td></td> <td>Umtra</td> <td></td> <td></td>		P-62	Single Pole	9087178"	50	6126	92.3772			Umtra		
DP-56 Deutle Pole 17-490° 51 6233 92.3778 25.2776 Unitia DP-58 Deutle Pole 17-3490° 51 6209 92.3782 25.2778 Unitia DP-58 Deutle Pole 11'2712° 37 6306 92.3782 25.2789 Unitia DP-59 Deutle Pole 11'2712° 37 6305 92.3782 25.2789 Unitia DP-61 Double Pole 16'0127° 39 6305 92.3782 25.2789 Unitia DP-61 Double Pole 17'501° 38 6613 92.3793 25.2786 Unitia DP-61 Double Pole 10'781° 58 6635 92.3793 25.2796 Unitia DP-63 Double Pole 10'7934° 46 6613 92.3801 Unitia 132kv line crossing DP-64 Double Pole 17'4934° 46 6772 92.3813 Unitia 132kv line crossing DP-65 Single Pole 17'4934° 770 <td></td> <td>P-55</td> <td>Double Pole</td> <td>25°10'58"</td> <td>46</td> <td>6172</td> <td>92.3774</td> <td></td> <td></td> <td>Umtra</td> <td></td> <td></td>		P-55	Double Pole	25°10'58"	46	6172	92.3774			Umtra		
SP-63 Single Pole 47-2479 46 6260 92.3782 25.2778 Lintra Lintra DP-59 Double Pole [1727]27 37 6306 92.3788 25.2778 Lintra Lintra DP-50 Double Pole [671277 59 6365 92.3788 25.2784 Lintra Lintra DP-60 System 277501 98 6517 92.3795 25.2789 Lintra Lintra DP-61 Double Pole 777501 98 6613 92.3705 Lintra Lintra DP-63 Double Pole 10.1881* 68 6613 92.3801 Lintra Lintra DP-63 Double Pole 10.1881* 68 6613 92.3801 Lintra 132kv line crossing DP-64 Double Pole 177-934* 46 67722 92.3801 Lintra 132kv line crossing DP-64 Double Pole 177-437* 62 92.3816 Lintra 132kv line crossing DP-64 <td></td> <td>P-56</td> <td>Double Pole</td> <td>1°94'09"</td> <td>51</td> <td>6223</td> <td>92.3778</td> <td>25.2776</td> <td></td> <td>Umtra</td> <td></td> <td></td>		P-56	Double Pole	1°94'09"	51	6223	92.3778	25.2776		Umtra		
DP-57 Double Pole 17-2712 57 0.0016 0.00173 57 0.0016 0.00173 57 0.0016 0.00173 57 0.0016 0.00173 57 0.0016 0.00173 57 0.0016 0.00173 57 0.0016 0.00173 57 0.0016 0.0016 0.00173 57 0.0016		P-63	Single Pole	4°24'93"	46	6269	92.3782	25.2778		Umtra		
DP-60 Double Pole 575 01 z 52 57 01 z 52 77 01 z 52 77 01 z 75 76 70 71 71 72 72 72 71 71 71 71 72 72 72 72		10-1	Double Pole	11 07 11	102	0000	002000	10 FOLO 20	-	Unita		
DP-6/0 Double Pole 77501* 98 6517 92.3795 55.2766 Umtra DP-6/1 Double Pole 77501* 98 6517 92.3795 55.2766 Umtra DP-6/2 Double Pole 10.1881* 68 92.3801 25.2806 Umtra 1 DP-6/3 Double Pole 10.1881* 68 92.3802 25.2810 Umtra 1 DP-6/3 Double Pole 1774934* 46 6732 92.3813 25.2810 Umtra 1 DP-6/3 Double Pole 177473* 62 6871 92.3813 25.2821 Umtra 1 DP-6/3 Double Pole 179473* 62 6871 92.3819 25.2821 Umtra 1 1 DP-6/3 Bouble Pole 10°0859* 53 7003 92.3823 25.2821 Umtra 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2		D.50	Double Fold	17 10 01	54	0179	00 3701	0826 36		Unua		
DP-61 Double Pole 2771 58 6575 92.3795 52.8801 Umitra Matter DP-62 Double Pole 10.1871 68 6643 92.3801 25.2805 Umitra 0 SP-64 Single Pole 10.1871 68 6643 92.3801 25.2810 Umitra 1 DP-63 Double Pole 17-4934* 46 6732 92.3802 25.2813 Umitra 1		D.60	Double Pole	7075/01#	080	L159		75 2796		Lintra		9.
DP-62 Double Pole 10.18'81" 68 6643 92.3801 25.2806 Unitra Unitra SP-64 Single Pole 9°4208" 43 6686 92.3802 25.2813 Unitra 132kv line crossing DP-63 Double Pole 17°49'34" 46 6732 92.3805 25.2813 Unitra 132kv line crossing DP-65 Double Pole 15°14'23" 62 6871 92.3813 25.2813 Unitra 132kv line crossing DP-65 Double Pole 15°14'23" 62 6871 92.3816 25.2821 Unitra 132kv line crossing SP-65 Single Pole 15°14'23" 62 6871 92.3812 25.2827 Unitra 132kv line crossing SP-66 Double Pole 2°19'35" 53 7003 92.3823 25.2827 Unitra Khiichrin DP-67 Double Pole 6°11'33" 54 7120 92.3833 25.2837 Unitra Khiichrin DP-68 IM Double Po		P-61	Double Pole	20°81'23"	58	6575		25.2801		Umtra		Marin
SP-64 Single Pole 9°4208" 43 6686 92.3802 25.2810 Umtra 132kv line crossing DP-63 Double Pole 17°4934" 46 6732 92.3805 25.2813 Umtra 132kv line crossing DP-64 Double Pole 17°4934" 77 6809 92.3811 25.2813 Umtra 132kv line crossing DP-65 Double Pole 15°14'23" 62 6871 92.3816 25.2821 Umtra 132kv line crossing SP-65 Single Pole 10°0859" 43 6064 92.3822 25.2821 Umtra 132kv line crossing DP-66 Double Pole 10°0859" 43 7003 92.3822 25.2823 Umtra Khlichrin DP-66 Double Pole 10°088" 63 7003 92.3823 25.2823 Umtra Khlichrin DP-66 I/M Double Pole 6°11'33" 54 7003 92.3823 25.2823 Umtra Khlichrin DP-66 I/M <		P-62	Double Pole	10.18'81"	68	6643	92.3801	25.2806		Umtra		
DP-63 Double Pole 17°49734" 46 6732 92.3813 25.2813 Umtra 132kv line crossing DP-64 Double Pole 0°6754" 77 6809 92.3811 25.2817 Umtra 132kv line crossing DP-65 Double Pole 15°14'23" 62 6871 92.3819 25.2827 Umtra 132kv line crossing SP-65 Single Pole 15°14'23" 50 6921 92.3819 25.2827 Umtra 132kv line crossing SP-66 Divelo 2°19'35" 50 6921 92.3822 25.2827 Umtra N N DP-66 Double Pole 10°08'59" 43 6064 92.3825 25.2827 Umtra N N DP-67 Double Pole 31°29'08" 63 7066 92.3832 25.2837 Umtra N N N DP-67 Double Pole 6°11'33" 54 Umtra N N N N N DP-68 I		P-64	Single Pole	9°42'08"	43	6686	92.3802	25.2810		Umtra	7	101
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		P-63	Double Pole	17º49'34"	46	6732	92.3805	25.2813		Umtra	132kv line crossing	1 Contra
DP-65 Double Pole 15°1423" 62 6871 92.3816 25.2821 Umtra Umtra SP-65 Single Pole 2°1935" 50 6921 92.3819 25.2824 Umtra Excl SP-66 DP-66 Double Pole 2°1935" 39 7003 92.3825 25.2827 Umtra Khliehrin DP-67 Double Pole 2°2432" 39 7003 92.3825 25.2827 Umtra Khliehrin DP-67 Double Pole 2°2432" 54 7103 92.3835 25.2823 Umtra Khliehrin DP-68 IM Double Pole 2°2432" 53 25.2833 Umtra Khliehrin DP-69 IM Double Pole 6°1133" 54 7120 92.3833 25.2842 Umtra Khliehrin DP-69 IM Double Pole 6°1133" 52 92.3833 Umtra Khliehrin		P-64	Double Pole	0°67'54'	11	6809	92.3811	25.2817		Umtra		
SP-65 Single Pole 2°19'35" 50 6921 92.3819 25.3824 Umtra Umtra SP-66 Single Pole 10°08'59" 43 6964 92.3822 25.3827 Umtra N DP-66 Double Pole 2°24'32" 39 7003 92.3825 25.2827 Umtra Khliehrin DP-67 Double Pole 2°24'32" 39 7003 92.3825 25.3833 Umtra Khliehrin DP-67 Double Pole 54 7120 92.3833 25.2833 Umtra Khliehrin DP-69 IM Double Pole 6°11'33" 54 7120 92.3833 25.3837 Umtra M DP-69 IM Double Pole 6°1'1'33" 52 92.3833 25.3842 Umtra M		P-65	Double Pole	15º14'23"	62	6871	92.3816	25.2821		Umtra)
SP-66 Single Pole 10°0859" 43 6964 92.3822 25.3827 Umtra Umtra Excent Khliehrin DP-66 Double Pole 2°24'32" 39 7003 92.3825 25.3829 Umtra Khliehrin DP-67 Double Pole 2°24'32" 53 7003 92.3833 25.3833 Umtra Khliehrin DP-69 1M Double Pole 6'11'33" 54 7120 92.3833 25.3837 Umtra Mintra DP-69 1M Double Pole 6'11'33" 52 7172 92.3833 25.3837 Umtra Mintra		P-65	Single Pole	2°19'35"	50	6921	92.3819	25.2824		Umtra		Mun Endineer
DP-66 Double Pole 2°24'32" 39 7003 92.3825 25.3829 Umtra Khliehrin DP-67 Double Pole 31°2908" 63 7066 92.3830 25.3833 Umtra N DP-68 IM Double Pole 601'33" 54 7120 92.3833 25.3837 Umtra N DP-69 IM Double Pole 60'1'33" 52 7120 92.3833 25.3837 Umtra N DP-69 IM Double Pole 6'1'33" 52 7172 92.3833 25.3842 Umtra N		P-66	Single Pole	10°08'59"	43	6964	92.3822	25.2827		Umtra	EX I	
DP-67 Double Pole 31°22/08" 6.3 7066 92.3830 25.2833 Umtra Mitia DP-69 IM Double Pole 6°1133" 54 7120 92.3832 25.2837 Umtra Mitia DP-69 IM Double Pole 6°22'98" 52 7172 92.3833 25.2842 Umtra Mitia		P-66	Double Pole	2°24'32"	39	7003	92.3825	25.2829		Umtra	20	INCIDING LIGHT CITAIC
DP-68 IM Double Pole 6°11'33" 54 7120 92.3832 25.2837 Umtra Umtra DP-69 IM Double Pole 6°22'98" 52 7172 92.3833 25.2842 Umtra 1		P-67	Double Pole	31°29'08"	63	7066	92.3830	25.2833		Umtra		DCL Khilehriat
DP-69 IM Double Pole 6°22'98" 52 7172 92.3833 25.2842 1 1 0.		-		6°11*33"	54	7120	92.3832	25.2837		Umtra		
- A			Double Pole	6°22'98"	52	7172	92.3833	25.2842		Umtra		
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(M) Langth (M) Longth (M) <th></th> <th></th> <th></th> <th></th> <th>Anolo of</th> <th>Snan</th> <th>Cumulative</th> <th>CO-OI MINANS</th> <th></th> <th>Crossing</th> <th></th> <th></th>					Anolo of	Snan	Cumulative	CO-OI MINANS		Crossing		
Norm Norm <th< th=""><th>T as Ma</th><th>_</th><th>Fetn</th><th>Pole Type</th><th>Deviation</th><th>(W)</th><th></th><th></th><th></th><th>Details</th><th>Village Name</th><th>Line Crossing</th></th<>	T as Ma	_	Fetn	Pole Type	Deviation	(W)				Details	Village Name	Line Crossing
15/57 5000 5700 5730 5736 5736 1000 15/70 Double Polic 5000 500 733 213480 532480 10000 15/71 Double Polic 5000 733 213480 532480 10000 15/71 Double Polic 20000 500 733 213480 532480 10000 15/71 Double Polic 20000 500 733 213480 532800 10000 15/71 Double Polic 20000 500 7333 213480 532800 10000 15/71 Double Polic 27000 213480 532800 10000 10000 15/71 State Polic 27371 213480 533901 10000 10000 15/71 State Polic 27371 2100 23380 10000 10000 15/71 State Polic 27371 23380 10000 10000 10000 15/71 State Polic 27371 273910 </td <td>DI 13</td> <td>F</td> <td>EAU</td> <td>Double Pole</td> <td>2°07'56"</td> <td>45</td> <td>7217</td> <td>92.3835</td> <td>25.2845</td> <td></td> <td>Unitra</td> <td></td>	DI 13	F	EAU	Double Pole	2°07'56"	45	7217	92.3835	25.2845		Unitra	
35-00 Single Neise 95/97/4 7732 92.348/9 73.254/9 1 Untra trans 18/97 Single Neise 2753/1 9 7323 92.348/9 73.238 1 Untra trans 18/97 Single Neise 2753/1 9 7323 92.348/9 73.238 1 Untra trans 18/97 Denkin Neise 274/97 9 7323 92.348/9 73.238 1 Untra trans 18/97 Denkin Neise 274/97 9 7323 92.348/9 1 Untra trans 18/97 Denkin Neise 274/97 9 7324 92.348/9 1 Untra trans 18/97 Denkin Neise 274/97 9 7324 92.348/9 1 Untra trans 18/97 Denkin Neise 274/97 9 7324 1 Untra trans 1 Untra trans 18/97 Denkin Neise 274/97 9 7324 1 Untra trans 1 Untra trans 18/97 Denkin Neise 274/97 7324 2 2 349/9 1 Untra tra trans 18/97 </td <td>C+1 IN</td> <td>01-10</td> <td></td> <td>Single Pole</td> <td>3°10'60"</td> <td>49</td> <td>7266</td> <td>92.3837</td> <td>25.2850</td> <td></td> <td>Unira</td> <td></td>	C+1 IN	01-10		Single Pole	3°10'60"	49	7266	92.3837	25.2850		Unira	
Dis7: Deadle Pole 24971 S 90 7323 92.34841 52.3686 Uture 10773 Deadle Pole 259(3) 59 7323 92.34841 52.3686 Uture 10773 Deadle Pole 25.4661 10 733 92.34841 52.3686 Uture 10773 Deadle Pole 25.4667 90 7533 92.34861 52.3686 Uture 10773 Deadle Pole 27.9705 90 7533 92.34861 52.3686 Uture 10773 Deadle Pole 7700 90 7503 92.34861 52.3696 Uture 10774 0 7703 92.3486 52.3696 Uture Uture 10774 0 7704 90 7504 90 7504 Uture 10774 91 9144 914 92.3486 52.2916 Uture 10774 91 9144 914 92.3486 52.2916 Uture 10774	11145	Sp-10		Single Pole	9°89'44"	57		92.3839	25.2854		Umira	
Bit Original Policy Constrained Constrained <thconstrained< td="" th<=""><td>PLAK</td><td>12-del</td><td></td><td>Double Pole</td><td>0°40'27"</td><td>50</td><td></td><td>92.3842</td><td>22.22.828</td><td></td><td>United</td><td></td></thconstrained<>	PLAK	12-del		Double Pole	0°40'27"	50		92.3842	22.22.828		United	
SF75 Single Polic COTOP SO TATA SC 2000 Current Current DP73 Dendle Polic COTOP 50 7233 ST 2000 Current Current DP73 Dendle Polic COTOP 50 7233 ST 2000 Current Current DP73 Dendle Polic COTOP 50 7233 St 2000 Current Current DP73 Strage Polic Current St 2000 Current Current Current DP73 Strage Polic Current St 2000 Current Current Current DP73 Strage Polic Current Current Current Current Current Current DP73 Strage Polic Current Strage Current	LTIDI	69-dS		Single Pole	2°85'31"	50		92.3845	25.2862		Unita	
District Duridity hole 22:460 50 753 22:855 22:855 10000 District Sumble hole 25:4400 90 773 23:856 22:3851 10000 Strict Sumble hole 25:4400 90 773 23:856 22:3851 10000 Strict Sumble hole 7757 90 7753 25:866 22:3856 10000 Strict Sumble hole 77007 90 7753 25:866 22:3856 100000 Strict Sumble hole 77107 91 7000 23:866 22:3951 100000 Strict Sumble hole 77107 91 7000 23:866 22:3951 100000 Strict Sumble hole 77107 91 9000 91 71 10000 100000 Strict Sumble hole 77107 91 91 92 91 91 100000 Strict Sumble hole 77107 91 92	VD148	SP-70		Single Pole	0°07'87"	50		92.3848	C087.C7		Tinta	
Discrit Duridit Pola 6/24(4) 50 75/3 2/2465 2/2465 1/2473 1/2445 1/2446 1/2445 1/2446 1/244	01140	01-10		Double Pole	22°46'69"	50		92.3851	25.2869		1 Luta	
BY71 Double Pois 254948/1 701 92.3861 52.3861 1100 BY71 Single Pois 7701 91 92.3861 52.3861 1100 BY73 Single Pois 7701 91 92.3861 52.3891 1100 BY73 Single Pois 7701 91 92.3861 52.3891 1100 BY73 Single Pois 7713 92.3861 52.3891 1100 BY73 Single Pois 7713 92.3861 52.3991 1100 BY73 Single Pois 7714 91 92.3861 52.3991 1100 BY74 Single Pois 7714 91 92.3861 52.3911 1100 BY74 Single Pois 7714 91 92.3861 52.3911 1100 BY86 Single Pois 7714 91 92.3861 52.3911 1100 BY86 Single Pois 97.391 92.3891 92.3891 1000 BY86 Single Pois 9	UDISO	DD 73		Double Pole	6°28'41"	50		92.3852	25.28/5		CINITA	
SP:11 Standar No. 15:95/6 0 7712 92.386/7 52.386/1 0.0000 SP:73 Standar No. 0.733 93.386/1 23.386/1 23.386/1 23.386/1 23.386/1 0.0000 SP:73 Standar Prise 0.733 90 93.386/1 23.386/1 23.386/1 23.386/1 23.386/1 23.386/1 23.386/1 23.386/1 10000 SP:75 Standar Prise 0.712/2 90 90.386/1 23.386/1 23.386/1 10000 SP:75 Standar Prise 0.913/47 90 93.386/1 23.391/2 10000 SP:75 Standar Prise 0.913/47 90 80.05 93.386/1 10000 SP:75 Standar Prise 0.913/47 92 92.389/2 23.591/2 10000 SP:75 Standar Prise 0.913/47 92 92.389/2 23.591/2 10000 SP:75 Standar Prise 0.913/47 92 92.389/2 20.0000 10000 SP:84 Standar	ALLOU	12 001		Double Pole	23°44'80"	90		92.3856	25.2881		Unira	
87:1 Standar Multi 77001 50 7810 92.3661 52.3958 Uturn 87:7 Standar Polis 0.7007 0 7300 92.3661 25.3951 Uturn 87:75 Standar Polis 0.7172 0 7300 92.3661 25.3951 Uturn 87:76 Standar Polis 27.1122 0 905 92.3871 55.911 Uturn 97:76 Standar Polis 27.1122 0 8054 92.3871 55.913 Uturn 97:76 Standar Polis 27.3127 0 8054 92.3871 55.913 Uturn 97:76 Standar Polis 27.3127 90 8034 92.3871 55.913 Uturn 97:75 Standar Polis 27.3127 10 Uturn Uturn 97:87 Standar Polis 97.3727 90 92.3861 55.913 Uturn 97:87 Standar Polis 97.3727 10 Uturn Uturn Uturn 97:87 </td <td>TCLT</td> <td>11- 101</td> <td></td> <td>Sinole Pole</td> <td>15°59'36'</td> <td>49</td> <td></td> <td>92.3859</td> <td>25.2884</td> <td></td> <td>Umtra</td> <td></td>	TCLT	11- 101		Sinole Pole	15°59'36'	49		92.3859	25.2884		Umtra	
87-75 Single Pole 6/15/37 6/1 92,864 5.2.3952 Uttran 37-74 Single Pole 2710° 7 92,866 5.2.3952 Uttran 37-75 Single Pole 2710° 97 92,868 5.2.3957 Uttran 37-75 Single Pole 2712° 90 92,868 5.2.3959 Uttran 37-75 Single Pole 57178 90 92,868 5.2.3959 Uttran 37-76 Single Pole 57178 90 8034 92,888 5.2.2990 Uttran 37-75 Single Pole 57178 90 8144 92,387 5.2.2930 Uttran 37-75 Single Pole 67179 90 8030 92,386 5.2.2930 Uttran 37-8 Single Pole 67179 90 8104 91.3741 10 10 37-9 Single Pole 97176 40 8243 92.3861 2.2.3991 Uttran 37-9 Single Pole	701.14	11-10		Single Pole	7°20'10"	50		92.3862	25.2888		Unitra	
87-13 Single Pole 0.26/17 40 7660 9.2466 2.2309 Untra 87-73 Single Pole 27178 40 2955 22.870 2.2301 Untra 87-75 Single Pole 27178 40 2955 2.2301 Untra 87-75 Single Pole 27178 40 8054 2.2301 Untra 87-75 Single Pole 27178 40 8054 2.2301 Untra 87-75 Single Pole 27178 40 8054 2.2301 Untra 87-75 Single Pole 27174 40 8054 2.2301 Untra 87-83 Single Pole 27174 40 2.2301 Untra 87-83 Single Pole 27547 40 2.2301 Untra 87-84 Single Pole 27547 40 2.2301 Untra 87-84 Single Pole 27547 2.2301 Untra 87-84 Single Pole 27547	CCLIN	21-10		Sincle Pole	6°12'53"	49		92.3864	25.2892		Umtra	
BY-14 Dentile Func. 277102 47 9001 9.2.860 5.2.300 Unture SP-75 Single Polic 277102 40 905 9.2.887 5.2.301 Unture SP-75 Single Polic 277123 40 905 9.2.887 5.2.301 Unture SP-76 Single Polic 57.71 50 8034 9.2.887 5.2.301 Unture SP-76 Single Polic 57.31 10 9.2.887 5.2.301 Unture SP-85 Single Polic 67.17.87 40 9.2.861 2.2.301 Unture SP-85 Single Polic 67.27.91 9.2.861 2.2.301 Unture SP-85 Single Polic	4P154	SF-/3		Single Lois Ciacle Dala	"LL19CoU	49		92.3866	25.2895		Umtra	
PDP:/2 Demote Free 27:12% 40 25:301 Clutter SP76 Single Folic 27:12% 40 80:44 25:301 Clutter SP76 Single Folic 27:32% 50 81:04 25:301 Clutter SP76 Single Folic 27:32% 50 81:04 25:301 Clutter SP76 Single Folic 05:3341 50 81:04 25:3203 Clutter SP76 Single Folic 05:3017 61 82:30 25:3203 Clutter SP73 Single Folic 87:74 66 82:30 25:3204 Clutter SP43 Single Folic 87:74 66 82:30 25:3204 Clutter SP43 Single Folic 87:74 66 82:30 25:3204 Clutter SP43 Single Folic 67:3027 50 82:30 25:3244 Dividiati SP44 Single Folic 11:74:316 92 30:02 35:3244 Dividiati <	CCIAN	SF-/4		Dungle Fold	"CU1166	47		92.3868	25.2899		Unitra	
SP-75 Single Folds C = 2,327 S > 2,5207 Untural SP-77 Single Folds C = 2,327 S > 2,3291 Untural SP-76 Single Folds C = 3,347 S > 2,3291 Untural SP-77 Single Folds C = 3,347 S > 2,3291 Untural SP-78 Single Folds C = 3,347 S > 2,3292 Untural SP-78 Single Folds C = 3,347 S > 2,3292 Untural SP-84 Single Folds C = 3,347 S > 2,3292 Untural SP-84 Single Folds C = 3,372 S > 3,5344 D = 0,010 SP-84 Single Folds S = 3,52927 Untural Untural SP-84 Single Folds S = 3,52944 D = 0,010 Untural SP-84 Single Folds 13,4451 S > 3,5244 D = 0,010 SP-84 Single Folds 13,74716 S = 3,52047 D = 0,010 SP-84 Single Folds 13,74716 S = 3,52044 D = 0,010 SP-84 Single Folds	AP156	CI-JU		DOUDIC FOIC	"SC11206	49		92.3870	25.2903		Umtra	
SP/76 Single Pole 227.27 40 8054 2.2.3817 2.2.2011 Untra DP/76 Double Pole 757.34 50 8134 2.3.871 2.2.2015 Untra DP/76 Double Pole 757.34 50 8134 2.3.881 2.2.2015 Untra SP/76 Single Pole 757.44 50 8134 2.3.881 2.2.2014 Untra SP-83 Single Pole 757.47 5.2.2914 Untra Untra SP-84 Single Pole 975.47 5.2.2914 Duthle Pole 10166 SP-84 Single Pole 17.7716 46 8.30 2.3.381 2.2.2914 Duthle Pole SP-84 Single Pole 17.7716 46 8.30 2.3.391 Untra SP-84 Single Pole 17.7116 46 8.30 2.3.391 Duthle Pole 17.7116 SP-84 Single Pole 17.7116 40 8.53 2.3.391 Duthle Pole 17.7116 2.3.391	AP157	SP-75		Single Pole	107117	40			25.2907		Umtra	
SP771 Ningle Pole 57.3.1 50 8104 9.3.377 52.3915 1.0ma SP77 Ningle Pole 57.3.4.1 50 8124 9.3.387 52.2915 1.0ma SP78 Single Pole 673.4.1 50 8124 9.3.388 25.2937 1.0ma SP80 Single Pole 8750° 9.3.387 25.2937 1.0ma SP81 Single Pole 8750° 9.3.387 25.2940 0.0ma SP83 Single Pole 9.1564 9.3 9.3.300 25.3947 1.0ma SP84 Single Pole 9.1564 9.0 8440 9.2.3893 25.2341 P.0mbini SP84 Single Pole 9.75079 50 8440 92.3905 25.344 P.0mbini SP43 Single Pole 9.75079 50 8593 25.3947 P.0mbini SP43 Single Pole 9.79179 50 8203 25.3947 P.0mbini SP44 Single Pole 9.79179	AP158	SP-76		Smgle Pole	77 10.0	OV			25.2911		Unitra	
SP78 Single Pole 953-41 20 813-4 92,3880 22,2391 Uture SP79 Single Pole 0553-7 48 8202 92,3881 25,2391 Uture SP43 Single Pole 0553-7 47 8206 93,388 25,2391 Uture SP43 Single Pole 0553-7 48 8202 93,388 25,2394 Uture SP43 Single Pole 057547 46 8400 92,3887 25,2394 Uture SP43 Single Pole 057577 50 8400 92,3887 25,2394 Uture SP44 Single Pole 57-707 50 8400 92,3905 50 Uture SP44 Single Pole 57-999 50 92,3905 50 Uture SP44 Single Pole 57-999 50 92,3905 50 Uture SP44 Single Pole 57-999 50 92,3905 50 90 90 SP5	AP159	SP-77		Single Pole	117 7 7 7 7 T	US III			25.2915		Umtra	
DP:/of Dipuble Pole 06/5137 4.8 50.00 2.3820 2.3223.1 Untra SP-90 Single Pole 06/5137 4.8 50.00 2.3887 2.5223.1 Untra SP-81 Single Pole 06/5137 4.0 82.40 9.2.8867 2.5239.1 Untra SP-82 Single Pole 971564 40 82.40 9.2.8867 2.5.291.4 Untra SP-83 Single Pole 971564 50 84.40 9.2.8887 2.5.294.4 Brodihiti SP-83 Single Pole 075707 50 85.90 9.2.9016 2.5.294.4 Brodihiti SP-83 Single Pole 1773164 50 85.90 9.2.9016 2.5.294.4 Brodihiti SP-83 Single Pole 1779174 50 85.90 2.5.294.7 Brodihiti SP-86 Single Pole 1779176 50 82.99 2.5.294.7 Brodihiti SP-86 Single Pole 1779164 50 82.99 2.5.2	AP160	SP-78		Single Pole	5~35'41	02			25 2919		Umtra	
SP:79 Single Pole 0'0'0'53? 4'1 82.90 27.30% 27.30% 1'uttan SF81 Single Pole 0'0'0'53? 4'1 82.90 92.886 25.239.30 Uttan SF81 Single Pole 8'8'10'' 4'1 82.90 92.886 25.239.41 Uttan SF83 Four Pole 0'8'15(4'' 40 85.39 92.3003 25.239.41 Dubtan DP:71 Double Pole 0'8'15(4'' 40 85.39 92.3003 25.294.41 Dubtan Single Pole 117'751(5'' 50 84.90 92.3003 25.294.41 Dubtan Strade Nondhan 2'8'57 50 84.90 92.3003 25.294.41 Dubtan DP:78 Double Pole 117'751(5''' 50 85.93 92.3003 25.294.41 Dubtan Strade Pole 117'751(5'''''''''''''''''''''''''''''''	AP161	DP-76		Double Pole	0~51'43"	00			250032		Unitra	
SP-80 Single Pole 0°0'00 ² 471 8249 92.3887 52.294 Unitar SP-81 Single Pole 971564 ⁴ 46 8342 92.3887 52.2944 Unitar SP-73 Duolle Pole 65002 ¹ 50 8430 92.3898 52.2944 Byndhuit SP-74 Duolle Pole 13'4451 ⁴ 50 8430 92.3808 52.2944 Byndhuit SP-84 Single Pole 11'77716 ⁻ 50 8539 92.3006 52.2941 Byndhuit SP-84 Single Pole 11'77716 ⁻ 50 8539 92.3006 52.2941 Byndhuit SP-84 Single Pole 17'77516 ⁻ 50 8539 92.3006 52.2941 Byndhuit SP-84 Single Pole 17'77516 ⁻ 50 8539 92.3006 52.2941 Byndhuit SP-87 Single Pole 17'7751 ⁻ 50 8539 92.3006 52.2941 Byndhuit SP-87 Single Pole 17'759 ⁻	AP162	SP-79		Single Pole	0°65'35"	48			1000 30		Limitra	
SP-31 Single Polie S874(1) 471 82206 92.3886 52.2594 Uman FN-82 Four Pole 68°8764" 48 83.30 92.3888 52.2994 Dynthini FN-83 Single Pole 68°8764" 48 83.30 92.3893 52.2944 Dynthini FN-84 Single Pole 1177316" 50 84.40 92.3893 52.2944 Dynthini FN-85 Single Pole 1177316" 50 84.40 92.3903 52.2944 Dynthini SP-85 Single Pole 1177316" 50 86.37 92.3003 52.5941 Dynthini SP-85 Single Pole 1177316" 50 86.37 92.3005 52.5941 Dynthini SP-86 Single Pole 177316" 50 86.37 92.3005 52.5941 Dynthini SP-87 Single Pole 177316" 50 86.37 92.3005 Sindhini SP-86 Single Pole 177915" 92.3895 52.59916<	AP163	SP-80		Single Pole	0°05'02"	47			1464.63		[]ettra	
Single Pole 97:15(4) 46 83:342 92:3887 25:29:34 Durun DP-78 Four Pole 68:82/64* 46 83:34 92:3887 25:29:34 Byndihui DP-78 Single Pole 13:74451' 50 84:40 92:3893 25:39:41 Byndihui SP-83 Single Pole 13:74451' 50 85:39 92:3006 25:29:41 Byndihui SP-84 Single Pole 15:741' 40 85:39 92:3006 25:32:41 Byndihui SP-84 Single Pole 15:741' 40 85:39 92:3006 25:32:47 Byndihui SP-85 Single Pole 17:97:37 50 85:37 92:3006 25:32:47 Byndihui SP-86 Single Pole 17:97:37 50 85:37 92:3006 S5:20:47 Byndihui SP-87 Single Pole 17:97:37 50 85:37 92:3006 Byndihui SP-88 Single Pole 17:97:37 92:3892 25:3076	APIGA	SP-81		Single Pole	8987'40"	47			0667.07		Trates	
17.3 Four Pole 688264" 48 8330 92.3688 25.2940 Byudihai DP-77 Deuthe Fole 1374716" 50 8440 92.3898 25.2941 Byudihai SF-85 Single Pole 1374716" 50 8440 92.3808 25.2941 Byudihai SF-85 Single Pole 1374716" 50 8639 92.3002 25.2941 Byudihai DP-78 Single Pole 137716" 50 8639 92.3002 25.2947 Byudihai DP-78 Single Pole 137716" 48 8737 92.3002 25.2947 Byudihai DP-78 Single Pole 137792" 50 8737 92.3090 25.2956 Byudihai DP-78 Single Pole 177993" 50 8737 92.3890 25.2956 Byudihai DP-78 Single Pole 177993" 50 93.3883 25.2956 Byudihai DP-78 Single Pole 237161" 9073 92.3890	SALAN	CD-02		Single Pole	9°15'64"	46			25.2934		Unita 11.441	
17.7 Denthe Pde 6:3602* 50 8440 92.3893 35.2941 Dyndhari SP-83 Single Pole 1173710* 50 8539 92.3002 55.2941 Dyndhari SP-84 Single Pole 1177310* 50 8539 92.3002 55.2941 Dyndhari SP-85 Single Pole 1177310* 50 8539 92.3006 55.2941 Dyndhari SP-86 Single Pole 1177310* 50 8537 92.3006 55.2951 Dyndhari SP-86 Single Pole 137-6136* 50 8537 92.3006 55.2951 Dyndhari SP-87 Single Pole 137-937* 50 8737 92.3006 55.2951 Dyndhari SP-87 Single Pole 137-937* 50 8737 92.3006 55.2950 Dyndhari SP-88 Single Pole 137-937* 50 92.3859 25.2950 Dyndhari SP-81 Single Pole 177-937* 92.3859 25.2950 </td <td>AD166</td> <td>ED 0</td> <td></td> <td>Four Pole</td> <td>68°82'64"</td> <td>48</td> <td></td> <td></td> <td>25.2939</td> <td></td> <td>CUIUA</td> <td></td>	AD166	ED 0		Four Pole	68°82'64"	48			25.2939		CUIUA	
Single Pole 13-4471 50 8400 92.3808 25.2941 Dynominal Single Pole 17-47716* 40 8539 92.3903 25.2941 Dynofihai Single Pole 17-7716* 40 8539 92.3906 25.2941 Dynofihai Single Pole 17-7716* 50 8639 92.3903 25.2947 Dynofihai Single Pole 297011* 48 8637 92.3903 25.2954 Dynofihai Single Pole 29737 50 8737 92.3893 25.2953 Dynofihai Single Pole 17-9937* 50 8737 92.3893 25.2953 Dynofihai Di-70 Dunble Pole 13^6(136* 57 92.3893 25.2953 Dynofihai Single Pole 373161* 53 92.3893 25.2953 Dynofihai Single Pole 275297 53 92.3893 25.2953 Dynofihai Single Pole 275297 92.3883 25.2993 Dynofihai	A DIG7	TP_dCI		Double Pole	6°36'02"	50			25.2940		12 11 12	
Strate Single Pole 11/7316/r 49 8339 92.3902 25.3244 Byndihati Strate Single Pole 197379/r 50 8589 92.3906 25.3247 Byndihati Strate Single Pole 197379/r 50 8587 92.3906 25.2077 Byndihati Strate Single Pole 1377 92 92.3906 25.2077 Byndihati Strate Single Pole 13767 50 8687 92.3906 25.2073 Byndihati Strate Single Pole 1376793/r 50 8837 92.3893 25.2063 Byndihati Display Display Single Pole 1376793/r 50 9073 92.3893 25.2079 Byndihati Strage Single Pole 287204r 50 9073 92.3893 25.2079 Byndihati Strage Single Pole 287204r 50 9073 92.3883 25.2079 Byndihati Strage Single Pole 287204r	ADICO	CD 03		Single Pole	13°44'51"	50			25.2941		Bynainau	
Street Single Pole 167-592" 50 8589 92.3006 25.2941 Dyndhati DP-78 Double Pole 4979729" 50 86379 92.3006 25.2951 Dyndhati DP-78 Double Pole 1370136" 50 86379 92.3006 55.2951 Dyndhati SP-86 Single Pole 1370136" 50 8737 92.3005 55.2951 Dyndhati SP-80 Single Pole 1370136" 50 8877 92.3005 55.2950 Dyndhati SP-80 Single Pole 1379136" 50 92.3893 25.2970 Dyndhati SP-80 Single Pole 37161" 63 8973 92.3893 25.2970 Dyndhati SP-80 Single Pole 37161" 50 92.3883 25.2970 Dyndhati SP-91 Single Pole 270129" 50 92.3883 25.2970 Dyndhati SP-91 Single Pole 270129" 50 92.3886 25.2996 Dyndhati<	AP100	00-10		Single Pula	11º73'16"	45		4	25.2944		Byndinau	
Diff Double Pole 49°9329 ^m 50 8639 92.3906 25.2951 Byndhati 177-75 Double Pole 27°7011 ^m 48 8687 92.3906 25.2954 Byndhati 178-37 Double Pole 27°7011 ^m 48 8687 92.3899 25.2954 Byndhati 178-37 Double Pole 17°993 ^m 50 8737 92.3899 25.2956 Byndhati 178-36 Double Pole 13°829 ^m 50 8737 92.3899 25.2957 Byndhati 178-30 Single Pole 13°829 ^m 50 9023 92.3899 25.2979 Byndhati 179-31 Single Pole 13°829 ^m 50 9123 92.3882 25.2979 Byndhati 187-90 Single Pole 13°828 ^m 50 9123 92.3882 25.2996 Byndhati 187-91 Single Pole 13°828 ^m 50 9123 92.3882 25.2996 Byndhati 187-91 Single Pole 10°4878 ^m	ALTON	10-JC		Single Pola	16º25'92"	50			25.2947		Byndihati	
Diff Single Pole 25*7011* 48 8687 92.3906 25.2954 Byndhati SP-86 Single Pole 13*6(136********************************	AFL/U	C0-10		Durkie Dela	"90'50'79"	50			25.2951		Byndihati	
SF-60 Single Pole Control 8737 92.3802 25.2557 Byndihati JP*36 Double Pole 13*6153* 50 8787 92.3892 52.2950 Byndihati JP*36 Double Pole 13*6153* 50 8787 92.3892 55.2950 Byndihati JP*36 Single Pole 13*6153* 50 8973 92.3892 55.2950 Byndihati SP-88 Single Pole 13*6153* 50 923 92.3892 55.2975 Byndihati SP-90 Single Pole 2*716* 50 923 92.3882 55.2975 Byndihati SP-90 Single Pole 2*716* 50 9173 92.3882 55.2975 Byndihati SP-90 Single Pole 2*717* 45 9173 92.3882 55.2975 Byndihati SP-91 Single Pole 2*717* 45 92.3867 55.2975 Byndihati SP-92 Single Pole 9*563** 50 92.3876 55.29796 </td <td>AP1/1</td> <td>DP-18</td> <td></td> <td>L'ouble Folo</td> <td>"I I'NT02020</td> <td>48</td> <td></td> <td></td> <td>25.2954</td> <td></td> <td>Byndihati</td> <td></td>	AP1/1	DP-18		L'ouble Folo	"I I'NT02020	48			25.2954		Byndihati	
SP-57 Danible Pole 478754 50 8787 92.3899 25.2960 Byndihati DP-79 Double Pole 17*9937 50 8837 92.3899 25.3969 25.3969 Byndihati DP-80 Double Pole 17*9937 50 8837 92.3899 25.3979 Byndihati DP-80 Double Pole 17*9937 50 9073 92.3898 25.3979 Byndihati SP-80 Single Pole 26*8794 50 9073 92.3888 25.3979 Byndihati DP-81 Single Pole 8*7875 50 9073 92.3878 25.3979 Byndihati SP-91 Single Pole 8*2787 50 9173 92.3879 25.2996 Byndihati SP-92 Single Pole 8*2777 48 9266 92.3879 25.3997 Byndihati SP-93 Single Pole 6*84587 48 9266 92.3879 25.3996 Byndihati SP-93 Single Pole 6*84587 48 92.66 92.3879 25.3090 Byndihati SP-93 Single Pole 6*84587 48 92.66 92.3879 25.3090 Byndihati SP-93 Single Pole	AP172	SP-80		Single Fold	120611264	36			25.2957		Byndihati	
DP-79 Double Pole 7 = 0.5 50 8837 92.3895 25.2963 10 SP-89 Single Pole 13*8293" 73 8910 92.3892 25.2963 10 SP-89 Single Pole 3*3161" 63 8973 92.3892 25.2973 10 SP-80 Single Pole 3*3161" 63 8973 92.3892 25.2973 10 SP-90 Single Pole 26*8204" 50 9123 92.3882 25.2993 10 SP-91 Single Pole 10*4873" 50 9123 92.3873 25.2996 10 SP-91 Single Pole 10*4873" 50 9113 92.3873 25.2996 10 SP-94 Single Pole 5°5772" 48 9366 92.3873 25.3096 10 SP-94 Single Pole 5°5772" 48 9366 92.3868 25.3096 11 SP-95 Single Pole 5°5772" 48 9366 92.3867 25.	AP173	SP-87		Single role	10011001	51			25.2960		Byndihati	132kv line crossin
DP-80 Double Fole 17-37-5 7.3 8910 92.3892 25.2969 1 SP-80 Single Pole 13.3161* 6.3 8973 92.3892 25.2975 1 SP-80 Single Pole 33.3161* 6.3 8973 92.3888 25.2975 1 SP-80 Single Pole 25.0129* 50 9073 92.3885 25.2979 1 SP-91 Single Pole 8°2893* 50 9173 92.3885 25.2996 1 SP-93 Single Pole 2°0129* 50 9173 92.3873 25.2996 1 SP-94 Single Pole 9°5272* 48 9314 92.3873 25.5996 1 SP-94 Single Pole 9°5373 25.3000 92.3873 25.3000 1 1 SP-94 Single Pole 9°5471* 46 9360 92.3867 25.3000 1 1 SP-97 Single Pole 9°1338* 92.3867 25.3016 1	AP174	DP-79		Double Pole	1000000	N N			25.2963		Byndihati	
SP-88 Single Pole 15°2295 15 SP-89 Single Pole 3°31(61" 6.3 8973 92.3880 25.2979 1 SP-89 Single Pole 3°31(61" 50 9023 92.3888 25.2979 1 SP-80 Single Pole 26°521(61" 50 9073 92.3888 25.2982 1 SP-91 Single Pole 8°2893" 50 9173 92.3875 25.2982 1 1 SP-92 Single Pole 10°4833" 50 9173 92.3875 25.2990 1	AP175	DP-80		Double Pole	1046411	6 F			25.2969		Byndihati	
SP-80 Single Pole 5^3-101 50 9023 92.3888 25.2979 DP-81 Double Pole 2682034" 50 9073 92.3885 25.2982 SP-91 Single Pole 260 9073 92.3885 25.2982 SP-91 Single Pole 260 9173 92.3885 25.2992 SP-92 Single Pole 9^5272" 45 9218 92.3876 25.2992 SP-94 Single Pole 9^5277" 48 92.66 92.3871 25.2992 SP-94 Single Pole 5°5638" 48 92.66 92.3871 25.2996 SP-95 Single Pole 5°5638" 48 92.66 92.3871 25.3004 SP-95 Single Pole 12°5771" 46 93.60 92.3867 25.3016 SP-95 Single Pole 12°5771" 46 92.66 25.3016 25.3016 SP-95 Single Pole 12°5771" 46 92.3867 25.3016 25.3016 SP-95 Single Pole 12°5771" 49 92.3867 25.3016 25.3016 SP-95 Single Pole 0°5162" 47 92.3867 25.3016 25.3016 SP-98 Sin	AP176	SP-88		Single Pole	12.04.93	1			25.2975		Byndihati	
DP-81 Double Pole $26^{-82}(-82)^{-41}$ $30^{-12}(-82)^{-3}(-$	AP177	SP-89		Single Pole	5.5101	0			25 2979		Byndihati	
SP-90 Single Pole 823893" 50 90/3 92.3882 25.2966 SP-91 Single Pole 2°01129" 50 9123 92.3872 25.2996 SP-92 Single Pole 10°48738" 50 9113 92.3872 25.2992 SP-93 Single Pole 9°52772" 45 9218 92.3873 25.2996 SP-94 Single Pole 9°52771" 46 9360 92.3873 25.3000 SP-94 Single Pole 10°4878" 48 9314 92.3873 25.3004 SP-94 Single Pole 12°5771" 49 9409 92.3867 25.3014 SP-95 Single Pole 12°5771" 49 9409 92.3867 25.3012 SP-95 Single Pole 47515" 49 9409 92.3865 25.3014 SP-97 Single Pole 3°1373 49 92.3865 25.3012 SP-97 Single Pole 9°172" 49 92.3865 25.3012 SP-97 Single Pole 9°172" 49 92.3865 25.3014 SP-98 Single Pole 9°172" 49 92.3865 25.3014 SP-99 Single Pole 9°172" 49 <td>AP178</td> <td>DP-81</td> <td></td> <td>Double Pole</td> <td>26°82'04"</td> <td></td> <td></td> <td></td> <td>25 2982</td> <td></td> <td>Bvndihati</td> <td></td>	AP178	DP-81		Double Pole	26°82'04"				25 2982		Bvndihati	
SP-91 Single Pole $2^{\circ}0129''$ 50 9123 92.3879 25.2990 SP-92 Single Pole $10^{\circ}4833''$ 50 9173 92.3879 25.2990 SP-93 Single Pole $9^{\circ}5272''$ 45 9218 92.3876 25.2990 SP-94 Single Pole $6^{\circ}8478''$ 48 9214 92.3871 25.2996 SP-94 Single Pole $6^{\circ}84758''$ 48 9314 92.3871 25.2906 SP-94 Single Pole $5^{\circ}56738''$ 48 9314 92.3869 25.3004 SP-95 Single Pole $12^{\circ}5771''$ 49 9409 92.3868 25.3004 SP-97 Single Pole $3^{\circ}1338''$ 49 9409 92.3863 25.3016 SP-97 Single Pole $9^{\circ}7515''$ 49 9458 22.3016 25.3016 SP-97 Single Pole $9^{\circ}73865$ 25.3016 25.3026 25.3026 SP-98 <td< td=""><td>AP179</td><td>SP-90</td><td></td><td>Single Pole</td><td>8°28'93"</td><td>5</td><td></td><td></td><td>200050</td><td></td><td>Bvndihati</td><td></td></td<>	AP179	SP-90		Single Pole	8°28'93"	5			200050		Bvndihati	
SP-92 Single Pole $10^{-4}8^{3}8^{3}$ 50 9173 92.3876 25.2992 25.2992 SP-93 Single Pole $9^{\circ}52772^{\circ}$ 45 9218 92.3876 25.2992 55.2992 SP-94 Single Pole $5^{\circ}5638^{\circ}$ 48 9214 92.3876 25.3004 55.3004 SP-95 Single Pole $5^{\circ}5638^{\circ}$ 48 9360 92.3863 25.3004 55.3004 SP-96 Single Pole $4^{\circ}7515^{\circ}$ 49 9409 92.3863 25.3012 55.3014 SP-96 Single Pole $3^{\circ}1338^{\circ}$ 49 9409 92.3863 25.3012 55.3012 SP-97 Single Pole $9^{\circ}172^{\circ}$ 49 9505 92.3865 25.3012 55.3012 SP-98 Single Pole $9^{\circ}172^{\circ}$ 49 9505 92.3865 25.3022 55.3022 SP-99 Single Pole $9^{\circ}172^{\circ}$ 49 9505 92.3865 25.3024 55.3024 55.3024 55.51024 $55.5.3022$ 55.3024	AP180	16-dS		Single Pole	2°01'29"	5			0007-07		Rvndihati	
SP-93 Single Pole 9:5:272" 45 92.3876 2:2:294 DP-82 Double Pole 6:8:4:58" 48 92.66 92.3873 25.2996 SP-94 Single Pole 5:5:6:38" 48 9314 92.3873 25.3000 SP-95 Single Pole 5:5:6:38" 48 9360 92.3869 25.3004 SP-96 Single Pole 4"75'15" 49 9409 92.3863 25.3004 SP-97 Single Pole 3"13'38" 49 9409 92.3863 25.3008 SP-96 Single Pole 3"13'338" 49 9409 92.3863 25.3012 SP-97 Single Pole 3"13'338" 49 9505 92.3865 25.3012 SP-98 Single Pole 9"41'72" 48 9505 92.3865 25.3016 SP-99 Single Pole 9"41'72" 49 9505 92.3865 25.3020 SP-99 Single Pole 9"41'72" 49 9505 92.3865 25.3024 SP-90 Single Pole 5"6'7'12" 49 9503 92.3865 25.3024 SP-90 Single Pole 5"6'7'12" 49 9503 25.3024 10 SP-	AP181	Sp.92		Single Pole	10°48'38"	5			0667.07		Dendihati	
DP-82 Double Pole $6^{r8}4^{r5}8^{r1}$ 48 9266 92.3873 25.2996 SP-94 Single Pole $5^{r5}6^{r3}8^{r1}$ 48 9314 92.3871 25.3000 SP-95 Single Pole $5^{r5}6^{r3}8^{r1}$ 48 9314 92.3869 25.3004 SP-96 Single Pole $4^{-7}5^{r1}5^{r1}$ 49 9409 92.3863 25.3004 SP-96 Single Pole $4^{-7}5^{r1}5^{r1}$ 49 9409 92.3863 25.3012 SP-97 Single Pole $9^{-1}72^{r1}$ 49 9505 92.3867 25.3012 SP-98 Single Pole $9^{-4}172^{r1}$ 49 9553 92.3865 25.3020 SP-99 Single Pole $9^{-4}172^{r1}$ 48 9553 92.3865 25.3024 SP-99 Single Pole $5^{-6}712^{r1}$ 49 9553 92.3865 25.3024 SP-99 Single Pole $5^{-6}712^{r1}$ 49 9553 25.3026 <td< td=""><td>VD107</td><td>50-03</td><td></td><td>Single Pole</td><td>9°52'72"</td><td>4</td><td></td><td></td><td>7.667.07</td><td></td><td>Dynumau</td><td></td></td<>	VD107	50-03		Single Pole	9°52'72"	4			7.667.07		Dynumau	
SP-94 Single Pole 5°56'38" 48 9314 92.3871 25.3000 SP-95 Single Pole 12°5771" 46 9360 92.3869 25.3004 SP-95 Single Pole 12°5771" 46 9360 92.3869 25.3004 SP-95 Single Pole 4"7515" 49 9409 92.3868 25.3012 SP-97 Single Pole 3"1338" 49 9458 92.3867 25.3012 SP-98 Single Pole 9"4172" 48 9555 92.3867 25.3016 SP-98 Single Pole 9"4172" 48 9553 92.3865 25.3026 SP-99 Single Pole 9"4172" 49 9553 92.3865 25.3026 SP-99 Single Pole 9"4172" 49 9553 92.3865 25.3024 SP-90 Single Pole 8"2600" 42 95.3865 25.3028 25.3024 </td <td>A D102</td> <td>68" du</td> <td></td> <td>Double Pole</td> <td>6°84'58"</td> <td>4</td> <td></td> <td></td> <td>25.2996</td> <td></td> <td>Dynumau</td> <td></td>	A D102	68" du		Double Pole	6°84'58"	4			25.2996		Dynumau	
No.1-7 No.1-7<	VOLUY	CD OA		Sinole Pole	5°56'38"	4			25.3000		Dynaman	
SP-96 Single Pole 4°75'15" 49 9409 92.3868 25.3008 SP-96 Single Pole 3°13'38" 49 9458 92.3867 25.3012 SP-97 Single Pole 3°13'38" 49 9458 92.3866 25.3012 SP-98 Single Pole 0°51'62" 47 9505 92.3866 25.3016 SP-98 Single Pole 9°41'72" 48 9553 92.3865 25.3026 SP-99 Single Pole 9°41'72" 48 9553 92.3865 25.3026 SP-90 Single Pole 8°26'00" 42 9602 92.3865 25.3028 SP-100 Single Pole 8°26'00" 42 96.32 92.3865 25.3028	APT 05	50 0S		Sinole Pole	12°57'71"	4			25.3004		Byndihati	
3F-70 Single Pole 31338" 49 9458 92.3867 25.3012 SP-97 Single Pole 31338" 47 9505 92.3866 25.3016 SP-98 Single Pole 0°5162" 47 9505 92.3865 25.3016 SP-99 Single Pole 9°4172" 48 9553 92.3865 25.3020 SP-99 Single Pole 9°4172" 49 9602 92.3865 25.3024 SP-90 Single Pole 5°6712" 49 9602 92.3865 25.3028 SP-100 Single Pole 8°26'00" 42 96.44 92.3865 25.3028	AP185	C6-10		Cincle Dola	4°75'15"	4			25,3008		Byndihati	
SP-9/ Dubbe row 0'51'62" 47 9505 92.3866 25.3016 DP-83 Double Pole 0'51'62" 47 9553 92.3865 25.3020 SP-90 Single Pole 9'41'72" 48 9553 92.3865 25.3024 SP-90 Single Pole 5'67'12" 49 9602 92.3865 25.3024 SP-100 Single Pole 8'26'00" 42 96.44 92.3865 25.3028	AP186			Single Low	13513195	4			25.3012		Byndihati	
UP-83 Durvest 9533 92.3865 25.3020 SP-98 Single Pole 94172" 48 9553 92.3865 25.3024 SP-99 Single Pole 566712" 49 9602 92.3865 25.3024 SP-100 Single Pole 8°26'00" 42 9644 92.3865 25.3028	AP187			Dauble Dole	"C91150U	4			25.3016		Byndihati	
SP-98 Single Pole 5*6712" 49 9602 92.3865 25.3024 SP-100 Single Pole 8*26'00" 42 9644 92.3865 25.3028	AP188			DOUDIN TOIL	"CLi140	4			25.3020		Byndihati	
NP-99 amger one 25.3028 SP-100 Single Pole 8"26'00" 42 92.3865 25.3028 Of U. Market of Single Pole 8"26'00" 42 9644 92.3865 25.3028	AP189			Diligie Fole	"C1.LYos	4			25.3024		Byndihati	
	AP190		-	Single Pole	"00,9Co8	4			25.3028		Byndihati	
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						Detail Survey Report	eport				
SI.	-			Angle of	Span	Cumulative	C0-01	Co-Ordinates	Crossing		
	Loc. No Pole	Extn	Pole Type	Deviation	(W)	Length (M)	Longitude	Latitude	Details	Village Name	Line Crossing
192 AP192	DP-84		Double Pole	27°30'81"	50	9694	92.3863	25.3032		Byndihati	
193 AP193	SP-101		Single Pole	10°29'37"	49	9743	92.3860	25.3036		Byndihati	
194 AP194	SP-102		Single Pole	1°63'05"	46	9789	92.3856	25.3038		Byndihati	
195 AP195	SP-103		Single Pole	2°20'02"	46	9835	92.3853	25.3041		Byndihati	
196 AP196	DP-85		Double Pole	18°60'97"	50	9885	92.3849	25.3044		Byndihati	
197 AP197	SP-104		Single Pole	8°33'43"	48	9933	92.3847	25.3047		Byndihati	
198 AP198	SP-105		Single Pole	10.43'92"	40	9973	92.3845	25.3051		Byndihati	
199 AP199	SP-106		Single Pole	7°07'64"	49	10022	92.3842	25.3054		Byndihati	
200 AP200	DP-86		Double Pole	16°48'94"	48	10070	92.3840	25.3057		Byndihati	
201 AP201	FP-9		Four Pole	64°95'58"	50	10120	92.3835	25.3060		Byndihati	132kv line crossing
202 AP202	FP-10	~	Four Pole		37	10157	92.3832	25.3058 Nala	Nala	Byndihati	
			Total Poles								
		SP	1	06							
		DP		86							
		FP		10							
	TC	TOTAL	3	318							

For Power Grid Corporation Of India Ltd.

Checked By



Recommended By

Ra HE I B. MIEDHI Rateuts I Manager I NIERDSIP KUMANNA Rateuts I Manager I NIERDSIP Rateuts Bashenic I POWERCOUD KUMANNA Arathra 81/20/62 174 HERI

Khliehrint Distribution Division ME. PDCL Khilehriat In Engineer Approved By MepDCL

Executive Engineer	C R	1.0c-1.0/1 Double Pole	AP-10 AP-10 Double Pole	1	Loc-9/I Double Pole	18 Ap.9 Four Pole 60°2	17 AP-8 AP-8 Dout-le Pole 17°0	Loc-//1 Single Pole	AP-7 Double Pole	20-001		13 AP-6 Loc-6/1 Sing/a Dala 700	12 AP-6 Double Pole 11°	11 AP-5 AP-5 Double Pole 32°	Loc-4/1 Single Pole	2	9 AP-4 Double Pole 11	8 Loc-3/3 Single Pole 90	7 Loc-3/2 Single Pole .90	AP-3 Loc-3/1 Double Pole	AP-3 Four Pole		4 AP-2 AP-2 Four Pole 94	3 Loc-1/1 Double Pole 10	AP-1 Four Pole 77		Extn.	Angle 2.CC-CS/474-NER/F	I DA Bef No: 1 CC-CS474	
1	(/)	9'01'84" 62	30°60'27" 69	69	9°11'40" 43	60°25'34" 33	17°64'52"	1°43'61" 51		6°37'17" 50	43	36	11 °88′67" 26	32°94'86"	9°60'02" 39	42	11º01'65" 49	9°47'40"	9°70'21"	0°13'17" 36	100°63'79" 31	80	94902399 58	1°28'65"	77°69'58" 66	46	Deviation Length	EW-2449/1/G5/N(CLIENT: POWR GRID CORPORATION OF INDIA LIMITED	
	D	976 125.2	907 75.2 6 / 75.2	-	0 0	0 795 25.2	2	69I 25.2		600 25.2 0		$\left \right $	0 521 25.	5	456 25.	4	0 0	-	++		0 250 25	0 0	-		46 25	25	Span (m)	DA-II/6850;da	RATION OF	
10		25.238349 92.374705	25.238010 92.374130	£2.2.31430 92.313824	+	25.237141 92.373572	25.237196 92.373052	25.237384 92.372592	25.237545 92.372223	25.237404 92.371750	25.257243 92.371365	++	25.237069 92.371063	25.236907 92.370880	25.236569 92.370796	000015/72/ 000000	-	25.235848 92.370368	25.235534 92.370047	25,235338 92,369765	25,235169 92,369523	CLID/ C'76 7604C7-C7	-	25.234325 92.369699	25.233921 92.369220		Latitude Longitude	ted:13.07.2016(Se	INDIA LIMITEI	JOKY ON LANK
10F17	mentere	Paddy Field-Pvt.	Paddy Field-Pvt.	Paddy Field-Pvt.			Along the road-Pvt	2 Along the road-Pvt	3 Paddy Field-Pvt.	D Paddy Field-Pvt.	5 Paddy Field-Pvt.			0 Vacant Land-Pvt.	6 Vacant Land-Pvt.	o Vacant Land-FVL		8 Vacant Land-Pvt.	7 Vacant Land-Pvt.	55 Vacant Land-Pvt.	23 Vacant Land-Pvt.	Along the substation Boundary		99 Along the substation Boundary	20 Along the substation Boundary	48 Along the substation Boundary		zo Lo(Supply) rvices)		33KY S/C Line Mynkre to Sutanga
		Nala (Width-3m)			Kachha Road (3m)								Nala (Width-3m)							Metal Koad-(Width-4m), 11KV	Martin a surray of S tot						Crossing Details	PACKAGE	CONTRACTOR: NECCON POWER & INFRA LIMITED	
MN.		Nogsning	Nogsning	Nogsning	Butoenmo	Immoona	Umrasong	Umrasong	Umrasong	Umrasong	Umrasong	Unitasong	0	Umrasono	Umrasong	Umrasong	Altocanuc	Dispersion	Umrasong	Umrasong	Umrasong	Umrasong	RIGODILIO	Immenne	Umrasong	Umrasong	Village Name	PACKAGE: MEG-DMS-01	POWER & INI	The second secon
-13rsu		C-In -											Guard Require							Guard Require							e Remarks	8	FRA LIMITED	and the state of t

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CONTRACT ON A DAME CONTONATION OF INDIA LIMITED	ION OF LINDIN	LIVILLU				
EVAL PAADIT ICED	NOA HOAD A			CONTRACTOR: NECCON PO	WER & INFI	VA LIMITE
E/W-2449/1/G5/ 9/1/G5/NOA-II/	NOA-I/6849;da 6850;dated:13.	ted:13.07.2016 07.2016(Service	(Supply) es)	PACKAGE:MI	G-DMS-01	
Span Cun Length Span	um. Co-4 (m) Latitude	Ordinates		Crossing Details	Village Name	Remarks
-			Forest Land-Pvt.		Normino	
	_	92.375311	Vacant Land-Per		Gumdar.	
0 65	-	H	and the second		Nogsning	
72 0		1	Vacant Land-Pvt.		Nogsning	
	25.240331	92.375136	Forest Land-Pvt.		Nogsning	
	2 25.240976	92.375062	Forest Land-Pvt.		Nu	
	6 25.241463	92.375027	Vacant Land-Pvt.		Runsgoar	
+	+	02 274016	W II IN		SumeRoot	
54 0		ALCLIGHT	v aconit LAUIG-LAU		Nogsning	
-	-	92.375040	Vacant Land-Pvt.		Nogsning	
-	6 25.242729	92.375280	Vacant Land-Pvt.		Nogsning	
	3 25.243165	92.375569	Vacant Land-Pvt.		Nogsning	
		92.375821	Vacant Land-Pvt			
-		92 376134	Forest I and Det		guiusãoni	
47 0	-		a antimita a stat	INos.11KV & INos.33KV ,Nala (Width-4m)	Nogsning	Guard Require
56 0	-	92.376591	Forest Land-Pvt.		Nogsning	nhow meno
	25.244524	92.376684	Vacant Land-Pvt.		Nogsning	
	25.244941	92.376744	Vacant Land-Pvt.	likv	Nogsning	Guard Require
	25.245384	92.376809	Vacant Land-Pvt		0	
44 0	-	310200 00			guiusgovi	
46 0		C169/576	Vacant Land-Pvt.		Nogsning	
	25.246151	92.377069	Vacant Land-Pvt.		Nogsning	
	25,246580	92.377244	Vacant Land-Pvt.			
	-	92.377419	Forest Land-Det	Kachha Road (4m)	Butusãon	
46 0	2		111 T ANNO 101		Nogsning	
48 5		C7011C76	Forest Land-Pyt.		Nogsning	
N	0		STEWER C	9		
1		20F17			ZA	they and
	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{l c c c c c c c c c c c c c c c c c c c$	$\begin{array}{l lllllllllllllllllllllllllllllllllll$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	cription of Land Forest Land-Pvt. Vacant Land-Pvt. Vacant Land-Pvt. Forest Land-Pvt. Forest Land-Pvt. Forest Land-Pvt. forest Land-Pvt. acant Land-Pvt.	PACKAGE:MEGT PACKAGE:MEGT Farest Land-Prt. Crossing Details vill Vacant Land-Prt. Nu Nu Gress Land-Prt. INOS.11KV & INOS.33KV.Nala (Wildh-fm) Nu Gress Land-Prt. INOS.11KV & INOS.33KV.Nala (Wildh-fm) Nu Gress Land-Prt. INOS.11KV & INOS.33KV.Nala (Wildh-fm) Nu Greant Land-Prt. INOS Nu Nu Greant Land-Prt

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Khitaha		62 1. AVE-19 Loc-19/3	ADIO	59 Loc-19/1	58 AP-19		56 Loc-18/4	Loc-18/3	AP-18	Value 100		40 AD	51 Loc-17/4	50 Loc-17/3	49 AP-17 Loc-17/2	48 Loc-17/1	47 AP-17	46 Loc-16/12				o. Angle Point			
Executive English		3/3 Double Pole	-	9/1 Double Pole	9 Double Pole	8/5 Double Pole	8/4 Single Pole	8/3 Single Pole				+-+	17/4 Single Pole	17/3 Double Pole	17/2 Double Pole	17/1 Double Pole	-17 Double Pole	16/12 Single Pole	Loc-16/11 Single Pole		Loc-16/9 Single Pole	P	LUA Ket.No: 2.CC-CS	0	
Executive Engineer Khimhriat Distribution Division	8°52'24"	2º65'22"	9°94'54"	8°57'64"	27°29'26"	"66669aI	3°07'60"	9º02'07"	691225"	8°65'56"	10-38/01"		7°42'30"	1°43'34"	2°87'16"	3°32'10"	16°81'99"	7~38'00"	0°11'56"	3°3875"	2°44'48"	Extn. Angle of Deviation	LUA K6I.N0; 1.CC-CS/474-NER/REW-2449/1/G5/NOA-1/6849;dated:13.07.2016(Supply) 2.CC-CS/474-NER/REW-2449/1/G5/NOA-11/6850;dated:13.07.2016(Services)	CLIENT: POWR GRID CORPORATION OF INDIA LIMITED	
	48	++		20		48	50	49	47	47	49	49	52	64	2	44	46	54	51	48	-	Span Length	EW-2449/1 9/1/G5/NO/	D CORPOR	
H	3123 25 3173 25 0 25		ω	4	7	9	9	2750 2	2703 2		2607 2	\vdash		2506 2	7	3	7	3	2252	**		Cumm. Span (m)	/G5/NOA-J A-H/6850;c	RATION O	
	25,255698 25,256033	25.255382	25.254960	25.254520	25.254054	25.253623	25.253170	25.252731	25.252321	25.251917	25.251482	440107-07	VPUISC S	25.250581	25.250058	25.249669	25.249258	25.248822	25,248436	25.248072	25.247672	Co-Or Latitude	1/6849;date lated:13.07	F INDIA I	JUNT
	92.380168 92.380446	92.379863	92.379416	92.379090	92.378847	92.378864	92.378867	92.378896	92.378996	92.379146	92.379230	0776) C76	07 270772	92.379155	92.379060	92.378967	92.378896	92.378664	92.378386	92.378125	92.377874	Co-Ordinates ude Longitude	2d:13.07.2016 7.2016(Service	LIMITED	OF LINE MY
	Forest Land-Pvt. Forest Land-Pvt.	Scrub Land-Pvt.	Forest Land-Pvt.	Forest Land-Pvt.	Along the road-Pvt	Along the road-Pvt	Along the road-Pvt	Vacant Land-Pvt.	Vacant Land-Pvt.	Orange Garden-Pvt	Orange Garden-Pvt	Vacant Land-Pvt.	U In.	Vacant Land-Put	Vacant Land-Pvt.	Vacant Land-Pvt.	Scrub Land-Pvt.	Scrub Land-Pvt.	Scrub Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Description of Land	(Supply) :s)	Q	JOINT OF LINE MYRKIE TO SURANZA
anti-se te	11KV	IIKV	Kachha Road (4m)	132KV	132KV											INos.11 KV& INos.33KV.						Crossing Details	PACKAGE:	CONTRACTOR: NECCON POWER & INFRA I IMITED	
	Umtyra Umtyra	Umtyra	Untyra	Untyra	Umtyra	Umtyra	Umtyra	Umtyra	Umtyra	Umtyra	Umtyra	Nogsning	Nogsning		Nogsning	Nogsning	Nogsning	Nogsning	Nogsning	Nogsning	Nogsning	Village Name	PACKAGE:MEG-DMS-01	POWER & INF	
A.A.	Guard Require	Guard Danie														Guard Require						Remarks	A STATE OF STATE OF STATE OF STATE	RA I IMITEN	

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the	201.	15		40F17				Division	Khliehriat Distribution Division	iehriat D	Kh
		ester Ele	C)		Q	13				- A	
	Umtyra		Forest Land-Pvr.	92.384192	25262649	4202	48	8°45'49*	Single Pole	Loc-22/3 Si	
	Umtyra		Forest Land-Pvt.	92.384454	25.262136	4149 0	53	6~37'98"	omgie froie		
	Umtyra		Forest Land-Pvt.	92.384644	20,261758	0	48	2010.0			
	Umtyra	132KV	Forest Land-Pyt.	92.384820	0101030		46	0:679601	Double Pole	-	AP-22
	Omiyia			000100 00	35 361350	0	53	607730m	Double Pole	Loc-22/2 Dc	
	Tintura		Forest Land-Pvt.	92.385079	25.260944	4002	51	1°62'83"	Single Pole	Loc-22/1 Si	
	Umtvra		Forest Land-Pyt.	92.385317	25.260537	3951		18-61.20.	Double Pole	AP-22 Dx	
	Untyra		Forest Land-Pvt.	92.385399	25.260082	3900	51	"88,11 ₅ 6	Single Pole	Loc-21/3 S	
	Umtyra		Forest Land-Pvt.	92.385391	25,259601	3847	53	8º68'39"	Single Pole	L0C-21/2 S	
	Umtyra		Forest Land-Pyt.	92.385309	25.259160	3797	50	81.01.A	omfier of		AP-21
	Umtyra		Porest Land-PVL	061000.44	10100404	0	49	Activitati	Smale Data	100-21/1 S	
	Ollityia	132KV		001205 00	154056 56	3748	47	36°54'15"	Double Pole	AP-21 D	
	Ilution		Forest Land-Pvt.	92.384746	25.258523	3701		8°45'56"	Double Pole	Loc-20/9 D	
	Umtyra		Forest Land-Pvt.	92.384305	25.258343	3652	49	9°65'52"	Single Pole		15
	Umțyra		Forest Land-Pvt.	92.383911	25.258094	3604 0	48	7-8440	and Agino	++	
	Unityra		vacant Lang-Fyt.	74,00,7737	10.01	0	47		Circle D. I.	1 00 0007	73
			Verset1 J.D.	VOF 252 40	25 257001	3557	45	0°83'17"	Single Pole	Loc-20/6 \$	71
	Umtyra		Vacant Land-Pvt.	92,383093	25.257722	3512		4°60'92"	Single Pole	Loc-20/5 8	70
	Umtyra		Vacant Land-Pvt.	92.382701	25.257510	3466	46	3°42'47"	Single Pole	1.06-20/4	AP-20
	Umtyra		Forest Land-Pvt.	92.382286	25.257315	3419	47	1.02.78	ougie role	++	
	Umtyra		Forest Land-Pvt.	92.381824	23.23/115	0	52	2001 2	CLUB DI		68
	Umtyra		T L'UTAVE TAVALE			0	48	0010000	Sinole Pole	Loc-20/2	67
	2		Forest 1 and Dvt	92 381 365	25.256997	3319	4/	9°40'92"	Single Pole	Loc-20/1	66
	Unityra		Forest Land-Pyt.	92.380946	25.256812	3272		36°93'85"	Double Pole	AP-20	65
	Umtyra		Forest Land-Pvt.	92.380718	25.256408	0	50	5.11.91	ongio i ole	1 1	
Remarks	Village Name	Crossing Details	Descriptionol Land	Longitude	Latitude	-	Length	+	+	Loc-19/6	64 10001
	PACKAGE:MEC-DMS-01	PACKAGE:A	(s)	1:13.07.2016(Service Co-Ordinates	;dated:13.0'	DA-II/6850 Cumm.	9/1/G5/NG	2.CC-CS/474-NER/REW-2449/1/G5/NOA-II/6850;dated:13.07.2016(Services)	2.CC-CS/474 Pole Type Ex	Loc. N	SL. No. Angle
RA LIMITED	POWER & INFR	CONTRACTOR: NECCON POWER & INFRA LIMITED	Simple)	LIMITED	-I/6849:date	HIGS/NO/	EW-2449)	LOA REENO: LCC-CS/474-NER/REW-2449/1/G5/NOA-1/6849-dated-13.07.2016/Summer	A Ref.No: 1.CO	LO	
			inte to outanga	The second subjects to but		ID ATTON	nconn	VT. DOWD ODI	CITE		

l	NN ·			50F17		1		livision	Khliehriat Distribution Division	at Distr	hliohri	×
620		man Ele	0		p	New		Y I	-	Executive	n	
	Umtyra		Scrub Land-Pvt.	92.377659	25/269493	5249	56	13.0/02.	TOIC	ato 1 atomor	H	-
	Umtyra		Scrub Land-Pvt.	92.377760		0 6915	80	21.16.5	1 UK		-	105 AP-25
	Umtyra		Forest Land-Pvt.	92.37/841	23,208410	0 1710	42	NOTION OF	D.1-		11	104 AP-24
	Umtyra		FOIEST LADIO-FVI.	C+0010-14	101002020	0	40	20~57720"	Pole	-	AP-24	103
	Omyia		Econord I and Ded	07 378040	25.268107	0 0	46	3°93'20"	Pole	3/17 Single Pole	Loc-23/17	102
	Implem		Forest Land-Pvt.	92.378319	25.267768	0 5041	48	1º66/68"	Pole	3/16 Single Pole	Loc-23/16	101
	Umtyra		Forest Land-Pvt.	92.378611	25.267423	4993		5°95'42"	Pole	3/15 Single Pole	Loc-23/15	100
	Umtyra		Forest Land-Pvt.	92.378873	25.267036	4943	5 5	u.15,08o.0	Pole	3/14 Single Pole	Loc-23/14	99
	Umtyra		Forest Land-Pvt.	92.379114	25.266691	4898	45	309503"	Pole	3/13 Single Pole	Loc-23/13	98
	Umtyra		Forest Land-Pvt.	92,379430	25.266301	4844	54	0°67'68"	Pole		Loc-23/12	16
	Umtyra		Forest Land-Pvt.	92.379724	25.265947	4795	49	C100.7	FOR		1.001	
	Umtyra	132KV	A STRUCT LAURA A TAN			0	49	2020121	Data		Loc-23/11	96
			Forest I and-Pvt	92.380033	25.265607	4746	30	5°06'21"	e Pole	23/10 Double Pole	Loc-23/10	95
	Unityra		Forest Land-Pvt.	92.380324	25.265222	4694	3	a59,66°.6	Pole	23/9 Single Pole	Loc-23/9	94
	Umtyra		Forest Land-Pvt.	92.380671	25.264901	4644	50	4°78'48"	Pole	23/8 Single Pole	AP-23	
	Unityra		Forest Land-Pvt.	92.381057	25.264599	4593	51	6'48'19"	5 Pole	++	1/04-201	3
	Umtyra		T OF OST LABOR T VI.	TAL PACING	and some line line.	0	49					9
			Former T and Det	92.381461	25.264349	4544	47	1058/11#	2 Pole	Loc-23/6 Single Pole	Loc-	16
	Unityra		Forest Land-Pvt.	92.381842	25.264099	4497		6°39'89"	Single Pole	Loc-23/5 Single	Loc-	90
	Umtyra		Forest Land-Pvt.	92.382265	25.263882	4448	AO	4°53'76"	e Pole	Loc-23/4 Single Pole	Loc-	89
	Umtyra		Forest Land-Pvt.	92.382715	25.263692	4398	50	6°95'90"	Single Pole	Loc-23/3 Singl	Loc-	88
	Umtyra		Forest Land-Pvt.	92.383124	25.263461	4350	48	1.20.04.	onigio Poie		LAN	
	Umtyra		TOTAST TAILOLE M.	Photos and		0	49			-	Tes	87
			Eccart Lond Det	102 181 200	25 263180	4301	TC	"07'80°0	Single Pole	Loc-23/1 Singl	Loc	86
	Umtyra		Forest Land-Pvt.	92.383894	25.262891	4250	2	12°50'25"	Double Pole	AP-23 Doub	AP	88
e Remarks	Village Name	Crossing Details	Descriptionof Land	Co-Ordinates tude Longitude	Latitude	Cumm. Span (m)	Span Length	n. Angle of Deviation	Pole Type Extn.	-	Point Loc	0.
	PACKAGE:MEG-DMS-01	PACKAG	Supply) s)	ed:13.07.2016(7.2016(Service	A-1/6849;data);dated:13.07	0A-II/685	9/1/G5/N	2.CC-CS/474-NER/REW-2449/1/G5/NOA-II/6850;dated:13.07.2016(Supply) 2.CC-CS/474-NER/REW-2449/1/G5/NOA-II/6850;dated:13.07.2016(Services)	CC-CS/474-	10A N		
FRA LIMIT	IN POWER & INI	CONTRACTOR: NECCON POWER & INFRA LIMITED		LIMITED	OF INDIA J	DRATION	D CORPO	CLIENT: POWR GRID CORPORATION OF INDIA LIMITED	CLIEN	IOAB		
			SOUL OF THE INTERVIEW OF SHIRING	OF A ANALY TATA	and the second se		the second secon					and a second second

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Umbyra	2	Ch.		J	-		Engineer button Division	ngineer		Executive	5	
Umtyra	Contra Co	20		-del	K			6	g	1		
		Forest Land-Pvt.	92.378215	25.277725	0268	37	7661.0		2 alot adding			
Omeyra					0	45	101010M		Sinole Pola	Loc-29/2	-	126
Guard Require	11KV	Forest Land-Pvt.	92.377848	25.277486	0 6223	51	3°83'05"		Double Pole	Loc-29/1	AP-29	125
Umtyra		Forest Land-Pvt.	92.377415	25.277242	6172	3	33°03'43"		Double Pole	AP-29	-	124
Umtyra		Forest Land-Pyt.	92.377243	25.276909	6131	41	3°39'63"		Single Pole	Loc-28/1		123
Untyra		Forest Land-Pvt.	92.377064	25,276501	0	49	1471121		Tourie Loie		AP-28	
Umtyra Guard Require	11KV				0	46	• Anoremicani		Daukla Dala	00-00		133
Guard Require	11KV	Forest Land-Pvt	92.377009	25.276088	6036	42	2°81'57"		Double Pole	Loc-27/8		121
Umtyra		Forest Land-Pvt.	92.376939	25.275717	5994	3	3°55'70"		Double Pole	Loc-27/7		120
Umtyra		Forest Land-Pvt.	92.376824	25.275275	5944	5	1917'47"		Single Pole	Loc-27/6		611
Unityra		Forest Land-Pyt.	92.376720	25.274835	0	50	265.64.0		Tonoie Loie			
Umtyra		Porest Land-PVI.	200010-76	ACTURATION OF	0	59			D-LL-D-L			112
		France I and Dea	07 276562	25 274222	5835	51	1º35'52"		Double Pole	Loc-27/4	AP-27	117
Unstyra		Forest Land-Pvt.	92.376439	25.273878	5784		1°54'42"		Single Pole	Loc-27/3		116
Unityra		Forest Land-Pyt.	92.376298	25.273424	5732	52	2-93'93"		Single Pole	Loc-27/2		CLL
Umtyra		SCTUD Land-PVI,	46101074	106717767	0	52	e year				-1	
		2		1000FFC 3C	0	51	30050An		Double Pole	Loc-27/1		114
Unityra		Along the road-Pvt	92.375999	25.272546	5629		29°37'99"		Double Pole	AP-27		113
Umtyra		Along the road-Pvt	92.376099	25.272178	5587	CA	9°40'77"		Single Pole	Loc-26/6		112
Umtyra		Along the road-Pvt	92.376283	25.271808	0	45			single Pole	002-201	-	
Umiyra		14 Linited teats -			0	47			01	Trans		1
		Forest Land-Dyt	92.376518	25.271443	5495	10	4°1672"		Single Pole	Loc-26/4	<u> </u>	110
Umtyra		Vacant Land-Pvt.	92.376739	25.271034	5444 0	5	2°22'50"		Single Pole	Loc-26/3	AP-26	109
Umtyra		Forest Land-Pvt.	92.376959	25.270664	5397	47	2°53'99"		Single Pole	1.oc-26/2		801
Unityia					0	41			0			1/10
		Vacant Land-Pvt	92.377170	25.270344	5356	TC	4°40'56"		Single Pole	Loc-26/1		107
Umtyra		Vacant Land-Pvt.	92.377465	25.269966	5305	1	14°86'24"		Double Pole	AP-26		106
Village Name Remarks	Crossing Details	Descriptionof Land	ude Longitude	Latitude	Span (m)	Length	Deviation	Extn.	Pole Type	Loc. No	-	SL. No.
IEG-DMS-01	PACKAGE:MEG-DMS-01	s) suppry)	2.CC-CS/474-NER/REW-2449/1/GS/NOA-II/6850;dated:13.07.2016(Services)	;dated:13.0	DA-II/685	9/1/G5/N	R/REW-244	S/474-NE	2.00-0		Angle	
OWER & INFRA LIMI	CONTRACTOR: NECCON POWER & INFRA LIMITED		LIMITED	OF INDIA	RATION	D CORPO	CLIENT: POWR GRID CORPORATION OF INDIA LIMITED	LIENT:	CA Def No.	T		
		33kV S/C Line Mynkre to Sutanga	S/C Line Mynkre to S	33kV								T

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free f		1 Con	and the		10				Engineer	Executiva	T	
			1		MA	k				1		
	Byndhihati		Vacant Land-Pvt.	92.386640	25 301912	7352	50	7°26'06"	Single Pole	C/C6-30/1	T	147
	Byndhihati		Vacant Land-Pvt.	92.386737	25.301449	0	52	2850.7	oingle rote		-1	1/17
	Byndhihati		Tavinit Lidina.1 M			0	50	NODICADO	nulo Dolo	ne-35/4 S	AP-35	146
			Variant Land_Det	92 386847	25.301010	7250	*0	l°lP47"	Single Pole	Loc-35/3 S	11	145
	Byndhihati		Vacant Land-Pvt.	92.386985	25.300604	2	4.9	6°41'16"	Single Pole	Loc-35/2 S		144
	Byndhihati		Vacant Land-Pvt.	92.387130	25.300180	7153	49	0°50'86"	Single Pole	1,00-33/1 8		140
	Byndhihati		Vacant Land-Pvt.	92.387320	25.299780	7105	48	16°33'62"	Double Pole	++		711
	Byndhihati		Vacant Land-Pvt.	92.38/040	20.299430	0 0	50			11		145
	and the second s				AE AXA ITA	0	50	100000	Single Pole	Loc-34/3 S	_	141
	Byndhihati			92.387940	25.299070	7005			Single Pole	Loc-34/2 S		140
	Byndhihati		Forest Land-Pvt.	92.382559	25.282858	0 2007			on to a gine	-	AP-34	
	Byndhihati		A CLARKE THINK T LF			0	39		Sinala Dala	Ine-3//1 6	1	139
			Formet I and_Dut	92.382247	25.282651	9969	i	11°20'45"	Double Pole	AP-34 [_	138
	Byndhihati		Scrub Land-Pvt.	92.381964	25.282372	6924	CA	3°22'23"	Single Pole	Loc-33/5		137
	Byndhihati		Scrub Land-Pvt.	92.381658	25.282034	6875	49	13º96'47"	Double Pole	1.00-3.0/4 1		oc t
	Byndhihati	132KV	THE CONTRACT			0	62		-	-	T	136
2	2		Scrub I and-Pet	92.381163	25.281700	6813	1.1	0°00'20"	Double Pole	Loc-33/3 1		135
	Byndhihati		Scrub Land-Pvt	92.380548	25.281285	6736	77	[] [] [] [] [] [] [] [] [] [] [] [] [] [Double Pole	Loc-33/2	AP-33	1.54
	Byndhihati		Serub Land-Pvt,	767096776	23.200943	0	46	the set	0		-	
	and the second se		Califier of a work of which	00 20000	75 700042	0	40	9647456	Single Pole	Loc-33/1		133
	Byndhihati		Scrub Land-Pvt.	92.380127	25.280617	6650		11º16/01"	Double Pole	AP-33		132
	Byndhihati		Forest Land-Pvt.	92.379964	25.280004	6580	70	18°41'40"	Double Pole	AP-32	AP-32	131
	Byndhihati		Scrub Land-Pvt.	92.379641	25.279535	0	61	1°94'64"	Double Pole	Loc-31/2		130
	Byndhihati		Vacant Land-Pvt.	92.379180	25.278812	6426	56	1861.6	onigite Fole		1	
	and a state of the					0	55	2072011	Cinalo Dola	Loc-31/1	AP-31	129
Guard Require	Rundhibati	HN	Vacant Land-Pvt.	92.378937	25.278366	6371	00	14º33'24"	Double Pole	AP-31	-	128
	Umtyra		Vacant Land-Pvt.	92.378512	25.277917	6305	55	13°8776"	Double Pole	AP-30	DC-TH	121
Remarks	Village Name	Crossing Details	Descriptionof Land	Longitude	Latitude	Span (m)	Length	Extn. Deviation	1	-	Point	ST. NO.
	PACKAGE:MEG-DMS-01	PACK	(studine)	13.07.2016(Servic);dated:13.0	0A-II/685	9/1/G5/N	2.CC-CS/474-NER/REW-2449/1/G5/NOA-II/6850;dated:13.07.2016(Services)	2.CC-CS/47		Angle	2
RA LI	CON POWER & INI	CONTRACTOR: NECCON POWER & INFRA LIMITED		LIMITED	OF INDIA	ORATION	D CORP	LOA Ref No. 1 CC-CS/474-NER/DEW/ 74401/CEMICA 1/2010 4-117 COMPARING THE AND T	A Ref No. 1 C	10		
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Number CLEMENT: PRAVE GEBID COBENCIATION OF INITY Number Descriptional Lands Number Descriptional Lands Number		Byndhihati		Vacant Land-Pvt.	92.385780	25.370910	8422	61	0°4373"		Double Pole	Loc-41/4		168
Number COLINY: NOVE GUB CORPORATION OF INTED CONTRACTOR: NECCON POWER & INTEG Number Las-No Range Transmission Statuter 1.017.2016/STR050001 Description of Landing Contractor Reserves CONTRACTOR: NECCON POWER & INTEG Number Las-No Range Transmission Statuter 1.017.2016/STR050001 Description of Landing Conside Data Range Transmission Number Las-No Range Transmission Statuter 1.017.2016/STR050001 Description of Landing Conside Data Range Transmission Number Las-No Range Transmission Statuter 1.017.2016/STR050001 Statuter 1.017.2016/STR050001 Description of Landing Conside Data Range Transmission Number Las-No Range Transmission Statuter 1.017.2016/STR050001 Statuter 1.017.2016/Str05001 Statuter 1.017.2016/Str05001 Statuter 1.017.2016/Str05001 <		Byndhihati		Vacant Land-Pvt.	92.385530	25.310420	0	60	7°36'33"		Donoic Loie	C/14~2071		101
ICLENT: FOUR GRID CORPORT/ICLUS OF INTELLISTIC CONTRACTOR: NECCONFOURER ATTRUST CONTRACTOR: NECCONFOURER ATTRUST CONTRACTOR: NECCONFOURER ATTRUST PARCOR: NECCONFOURER ATTRUST CONTRACTOR: NECCONFOURER ATTRUST PARCOR: NECCONFOURER ATTRUST DESCRIPTION ATTRUST DESCRIPTION ATTRUST PARCOR: NECCONFOURER ATTRUST PARCOR: NECONFOURER PARCOR: NECONFOURER ATTRU	Guard Re	Byndninau	Nala (Width-3m)	1,1, * Ministry Linear			0	53			nucle n.t.	1 ma 41/2		167
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ICLENCY: DOURG CRUD CORPORATION OF INDIC. INTERCENCE AND ACCESSION TO TRACTOR NECCONFORMET INTERVIEWED ACCESSION TO TRACTACTOR NECCONFORMET INTERVIEWED ACCESSI		Byndhihati		Vacant Land-Pvt.	92,385010	25.309600	8256	3	3°45'58"	07	Double Pole	Loc-41/1		165
CILENT: FORM GRID CORPORATION OF INDIA LINTED CONTRACTOR NECCONFORMA GRID CORPORATION OF INDIA LINTED CONTRACTOR NECCONFORMATION OF INDIA LINTED CONTRACTOR NECCONFORMATION OF INDIA LINTED CONTRACTOR NECCONFORMATION OF INDIA LINTED PARATOR NECCONFORMATION OF INDIA LINTED NUMBER 10.0. Network 10.000 NUMBER 10.0000 NUMBER 10.0000 NUMBER 10.0000 NUMBER 10.0000 NUMBER 10.0000 N		Byndhihati		Vacant Land-Pvt.	92.384780	25.309130	0 6618	57	14°15'87"	3	Double Pole	AP-41		104
CILIENT: POUR GRID CORPORATION OF INDIA TURNET CONTRACTOR: NECCOR POUR R INFO CONTRACTOR: NECCOR POUR R INFO CONTRACTOR: NECCOR POUR R INFO Nume Consing Point Description I Info Consing Point Consi		Byndhihati		yacant Land-Pvt.	92,384/10	001000.02	0	42	1 T VV CL					161
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VIEW CLENT: DOWR GRID CORPORATION OF INDIA LIMITED CONTRACTOR: NECCON POWER & INTERACTOR: NECON POWER & INTERACTOR:		Byndhihati		Vacant Land-Pvt.	92.384750	25.308410	8118		4°57'08"		Single Pole	Loc-39/2		162
CLENT: POWR GRD CORPORATION OF INDIA LIMITED CONTRACTOR: NECCON POWER & INTER- CONTRACTOR: NECCON POWER & INTER- CONTRACTOR: NECCON POWER & INTER- Nume Luc. Contractor: Neccon Power & Inter- PARCACE: MEC-DMS-01 Nume Luc. No Part Type Exm Mage of Sign bit Same of Sign bit Luc. No Same of Sign bit Luc. No Same of Sign bit Same of Sign		Byndhihati		Vacant Land-Pvt.	92.384760	25.308020	8075	43	2'28'11"		Single Pole	L00-39/1	20-1V	101
CLENT: POWR GRD CORPORATION OF INTIA LIMITED CONTRACTOR: NECCOR POWER & INTEA Numb La, No Fall Kange of Devision Symth Continues Continues Continues Participie PARCKACE: MECON POWER & INTEA Numb La, No Part Type Kann Mage of Devision Symth Continues Description of Land Consume Part Symth PARCKACE: MECON POWER & INTEA Numb La, No Part Type Kann Mage of Devision Symth Continues Description of Land Consult callebra Description of Land Consult callebra Dynahilant La, No Part Symth Single Pale 6 (917,4° 2 1,45 3,303,20 9,383,20 Vasant Land-Pat Dynahilant Dynahilant <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>48</td> <td></td> <td></td> <td>01.1.0.1</td> <td>Tan 20/1</td> <td>AP-30</td> <td>121</td>							0	48			01.1.0.1	Tan 20/1	AP-30	121
CLEENT: POWE GRID COEPORATION OF INDIA LIMITED CONTRACTOR: NECCON POWER RINCE INTEGRATION OF INDIA LIMITED Numb Luc, No Pole Type Exn. Develop Symm Luc, No Symm Luc, No Symm Luc, No Pole Type Exn. Develop Symm Luc, No Symm Luc, No Pole Type Exn. Develop Symm Luc, No Symm Symm Luc, No Symm Symm Luc, No Symm <		Byndhihati		Vacant Land-Pvt.	92.384790	25.307590	8027		17°56'94"	G	Double Pole	AP-39		160
CLENT: POWR GRID CORPORATION OF INDIA LINITED CONTRACTOR: NECCOR POWER & INTER Numb Loc. Ref. No: LCC-CS/14-PERREW-2449/LGS/NOA-1668/gpub/ Description of Land Conseng Details Value Mage Name Conseng Details Value Value Loc. Single Pole Si		Byndhihati		Vacant Land-Pvt.	92.384970	25.307170	0	50	10.1.99	¢	FV01010 F 010		00 00	
CLENT: POWR GRID CORPORATION OF INDIA LIMITED CONTRACTOR: NECCON POWER & INFA Number in the construction of the c							0	52			Partie But	-	AD 20	150
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CLENT: POWR GRID CORPORATION OF INDIA LINITED CONTRACTOR: NECCON POWER & INFRACTOR:		Byndhihati		Vacant Land-Pvt.	92.385030	25,306220	7872	53	617170		-	+11 C-001		101
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$ \begin{tabular}{ l l l l l l l l l l l l l l l l l l l$		Byndhihati		Vacant Land-Pvt.	92.385110	25.305760	7820	-	0°88'62"		++	Loc-37/3	1 1	156
CLENT: POWR GRID CORPORATION OF INDIA LIMITED CONTRACTOR: NECCON POWER & INFACTOR: NECON POWER & INFACTOR: NECON POWER & INFACTOR:		Byndhihati		Vacant Land-Pvt.	92.385200	25,305290	0	53	4"02'90"		-	1	AP-37	1.7.2
$ \begin{tabular}{ l l l l l l l l l l l l l l l l l l l$		Dynamian					0	50			-	1	-	144
$ \begin{tabular}{ l l l l l l l l l l l l l l l l l l l$		Rondhiltati		Vacant Land-Pyt.	92.385320	25.304850	7717	70	9°45'08"	œ	-	Loc-37/1		154
$ \begin{tabular}{ l l l l l l l l l l l l l l l l l l l$	Cuard I	Byndhihati	Territor Construction Construction	Vacant Land-Pvt.	92.385360	25.304380	7665	E.3	35°31'84"	G	Double Pol	AP-37	1	153
CLIENT: POWR GRID CORPORATION OF INDIA LIMITED CONTRACTOR: NECCON POWER & INFRA TOTA: Necl. No: 1.CC-CS/474-NER/REW-2449/1/G5/NOA-1/6849;dated:13.07.2016(Supply) POWR GRID CORPORATION OF INDIA LIMITED Angle point Loc. No: 1.CC-CS/474-NER/REW-2449/1/G5/NOA-1/6849;dated:13.07.2016(Supply) PACKAGE:MEG-DMS-01 Angle point Loc. No Pole Type Extn. Angle of 0 Span Comm. Longitation Co-Ordinates Longitation Descriptionof Land Crossing Details Village Name Loc.35/7 Single Pole 6°0174" 51 0 25.302360 92.386510 Vacant Land-Pvt. Byndhihati AP-36 Loc.35/7 Single Pole 6°0174" 51 0 25.302360 92.386520 Vacant Land-Pvt. Byndhihati AP-36 Loc.35/7 Single Pole 20°6692" 55 0 25.303360 92.386520 Vacant Land-Pvt. Byndhihati Loc.36/1 Single Pole 97.3981" 57 0 25.303360 92.386520 Vacant Land-Pvt. Byndhihati Loc.36/2 Single Pole 97.3971" 52	Current D	Byndhihati	Nala (Width-10m)	V aGailt Land-FVI.	001000.76	01040CC2	0	53						
	Guard F		Nala (Width-10m)	W-11-1D-	07 305700	35 204010	0	76	"112,020C	G		Loc-36/2		152
		Byndhihati		Vacant Land-Pvt.	92.386050	25.303660	7560		5°39'81"	0	++	11	AP-36	151
		Byndhihati		Vacant Land-Pvt.	92.386380	25.303260	7505	7	20°66'92"	le	Double Po	AP-36	1	150
		natitititan					0	51			17 11			
CLIENT: POWR GRID CORPORATION OF INDIA LIMITED LOA Ref.No: 1.CC-CS/474-NER/REW-2449/1/G5/NOA-1/6849;dated:13.07.2016(Supply) 2.CC-CS/474-NER/REW-2449/1/G5/NOA-1/6849;dated:13.07.2016(Supply) Angle Loc. No Pole Type Extn. Angle of Deviation Span (m) Co-Ordinates Descriptionof Land Icoc-35/6 Single Pole 6°56/64" 7402 25.302360 92.386610 Vacant Land-Pvt.		D. 11 31.46		Vacant Land-Put	92 386520	25.302820	7454	75	6°01'74"	e		Loc-35/7		149
CLIENT: POWR GRID CORPORATION OF INDIA LIMITED LOA Ref.No: 1.CC-CS/474-NER/REW-2449/1/GS/NOA-I/6849;dated:13.07.2016(Supply) 2.CC-CS/474-NER/REW-2449/1/GS/NOA-I/6849;dated:13.07.2016(Supply) Angle Loc. No Pole Type Extn. Angle of Span Cumm. Co-Ordinates Description of Land		Byndhihati		Vacant Land-Pvt.	92.386610	25.302360	7402	3	6°56'64"	a		Loc-35/6		148
CLIENT: POWR GRID CORPORATION OF INDIA LIMITED LOA Ref.No: 1.CC-CS/474-NER/REW-2449/1/G5/NOA-I/6849;dated:13.07.2016(Supply) 2.CC-CS/474-NER/REW-2449/1/G5/NOA-II/6850;dated:13.07.2016(Services)	Rem	Village Name	Crossing Details	Descriptionof Land	Longitude	Latitude		Length	Deviation		-	1	-	
		EG-DMS-01	PACKAGE:M		7.2016(Service	0;dated:13.0	OA-II/685	9/1/GS/N	ER/REW-244	CS/474-N	2.00-	2	1	
and and the buttering a	A LIMI	JWER & INFR	CONTRACTOR: NECCON P	Sunnly)	ed: 13.07.20160	A-1/6849:dat	11/G5/NO	EW-2449	S/474-NER/R	0: 1.CC-C	LOA Ref.N			
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		189			187	186	185	184	183	11	182	181	180	179	1/8	1.1.1	177	176	175	174	173	172	171	170	109	SL. No.			T
		Г	NL-HQ	++	/t-4W	AD 43				AP-46	-	<u>, , , , , , , , , , , , , , , , , , , </u>		AP-45	AP-44	C+ Int	AD A3					AP-42				Point			
Executiv		AP-49	++-		luc-47/1	AP-47	Loc-46/5	Loc-46/4	Loc-46/3	LUT YOU	1 00-16/2	Loc-46/1	AP-46	AP-45	AP-44	Ch-IM	AD 43	Loc-42/7	Loc-42/6	Loc-42/5	Loc-42/4	Loc-42/3	Loc-42/2	Loc-42/1	AP-42	Loc. No].	-	
2	g	Double Pole	Double Pole	Total Landon	Double Dole	Double Pole	Double Pole	Single Pole	Single Pole	Donor 1 oto	Double Dole	Double Pole	Double Pole	Double Pole	Double Pole	Plot alguor	D-11 5-1	Double Pole	Double Pole	Single Pole	Single Pole	Single Pole	Single Pole	Single Pole	Double Pole	Pole Type	2.00-0	DA Baf Na	
engineer	12																									Extn.	S/474-NE	CLIENT:	
		13°55'00"	18-31/99"	01.04-1	TOLETON	15°56'50"	2°98'05"	4°60'77"	3°94'93"	00 10.0	10011000	5°04'42"	11°53'52"	48°06'67"	25°78'79"	18:30:42"		208973"	0°72'21"	3'02'60"	0°53'24"	3°30'51"	1°69'78"	"00%87°6	26°48'00"	Deviation	R/REW-244	CLIENT: POWR GRID CORPORATION OF INDIA LIMITED	
		55	57	57	51	85	}	5	52	53	63	50		50	51	52	51	56	151		10	5	2	53	53	span Length	9/1/G5/N	D CORPC	
1	Ful	9544	9487 0	0	0	0 9379	9321	9269	9217	0	0	0	9051	0 1006	8950	0 8688	0	0	8791	8740	1698	8640	8589	8536	8483	Span (m)	DA-II/685	DRATION	
	1	15.320500	25.320000	23.519490		25.319030	25.318540	25,318100	25.317670	25.517220		25,316720	25.316340	25,315920	25.315510	25.315040		25 314610	25.314130	25.313690	25,313260	25,312810	25.312360	25.311890	25.311410	Latitude	1-1/0649;02	OF INDIA	33k/
		92.386360	92.386470	92.386400		92.386350	92.386140	92.385980	92.385780	92.385610		92 385320	92.385050	92.384870	92.385100	92.385110	004000-47	07 385380	92.385440	92.385580	92.385690	92.385810	92.385900	92.386010	92.386030	ude Longitude	2.CC-CS/474-NER/REW-2449/1/G5/NOA-II/6850;dated:13.07.2016(Services)	LIMITED	/ S/C Line Mynkre to S
	E M	Vacant Land-Pyt.	Vacant Land-Pvt.	Vacant Land-Pvt.		Vacant Land-Pvt.	1 T ATHIT TIMAN 1	Vacant I and_Dut	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	v acalıt Land-1 vi.	Vacant Land Det	Vacant Land-Pvt	Vacant Land-Pvt.	Descriptionof Land	ces)		33kV S/C Line Mynkre to Sutanga									
Nu .	3 mars											132 KV														Crossing Details	PACKAGI	CONTRACTOR: NECCON POWER & INFRA LIMITED	
		Byndhihati	Byndhihati	Byndhihati	Dynaminan	Rondhikasi	Byndhihati	Byndhihati	Byndhihati	Byndhihati	Byndhihati		Byndhihati	Byndhihati	Byndhihati	Byndhihati	Byndhihati	Bynduinati	D 113	Byndhihati	Byndhihati	Byndhihati	Byndhihati	Byndhihati	Byndhihati	Village Name	PACKAGE:MEG-DMS-01	N POWER & INFF	
H ARI																										Remarks		RA LIMITED	

Khtishriat Distribution Division	N	210 Loe-59/1 Single Pole 5:92/08	AP-59	209 AP-59 Double Pole 1600021	208 I.oc-58/3 Single Pole 2°31'22"	207 Loc-58/2 Single Pole 3°44'11"	AP-58 Log-5a-1 Double Fole 4/73/80"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	205 AP-58 Double Pole 17°60'94"	204 Loc-57/3 Single Pole 9°56'08"	203 Loc-57/2 Single Pole 7°6679"	AP-57	202 Loc-57/1 Double Pole 8°5894"	201 AP-57 Double Pole 17°59'91"	200 Loc-30/1 Double Pole 3°52/64"	AP-56	199 AP-56 Double Pole 23°08'90"	198 AP-55 AP-55 Double Pole 27°51′26″			196 AP-53 AP-53 Double Pole 18°95'25"	195 AP-52 AP-52 Double Pole 24°37'14"	194 AP-51 AP-51 Double Pole 26°35′19″		AD 504 AD 60 4 D. 11 D.	192 AP-50 AP-50 Double Pole 19°93'64"	191 L.oc-49/2 Double Pole 0°40'54"	190 Ar-49 Loc-49/1 Single Pole 679801"	Point Loc. No	Angle	CLIENT: POWR GRID CORPORATION OF INDIA LIMITED	
n		55	54			++	52	53	t" 54		+	55			17	56	0"		50	58	511	+	+	3 ⁷¹ 52	46	54" 5/		1" 53	ion Length	2449/1/G5/N0	RID CORPC	
		10658	0	0	10554	10505	0 10453	0	10400	10346	10291	0	0	10180	10129	0	10073	10021	0 1166	0	99]3	9864	0 1086	0	0	9709	9652	0	Span (m)	0A-11/6850	DRATION	
	M	25,336460	23.326340	אב אארא או	25.326110	25.325870	25.325640		25.325440	25.325380	25,325230	Neveral Part	000202 20	25.324740	25.324610		05 20444A	25,324120	25.524000		25,323630	25.323230	25.322720	25,322300		25.321890	25.321400	25.320950	Lafitude	:dated:13.0	OF INDIA	33KN
100F17		92.392380	92.391860		92.391430	92,391020	92.390570		000005 26	92.389560	92.389040	ACCOOCTER	022886 00	92.388090	92.387600	10001000	07 207000	92.386700	92.386220		92.385820	92.385610	92.385600	92.385820		92.385800	92.385970	92.386130	ude Longitude	001:13.07.2010 07.2016(Servic	LIMITED	/ S/C Line My
	6	Vacant Land-Pvt.	Vacant Land-Pvt.		Vacant Land-Pvt,	Vacant Land-Pvt.	Vacant Land-Pvt,	11. P. ATTACT ATTACA A	Vacant Land-Dvt	Vacant Land-Pvt.	Vacant Land-Pvt.	v agant Lang-FVL	Vacant I and Det	Vacant Land-Pvt.	Vacant Land-Pvt.	r occatit Leathert vt.	Vennet I and Da	Vacant Land-Pvt.	Vacant Land-Pvt.		Vacant Land-Pvt	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.		Vacant Land-Pvt	Vacant Land-Pvt.	Vacant Land-Pvt.	Descriptionof Land	es)		JJKV J/C Line Mynkre to Sutanga
W	and where							Nala (Width-4m)												Nala (Width-3m)					Kachha Road (5m)				Crossing Details	PACKAGE	CONTRACTOR: NECCON POWER & INFRA LIMITED	
5		Umlawang	Umlawang	Browners .	Umlawang	Umlawang	Umlawang	Umiawang		Umlawang	Umlawang	Umlawang		Umlawang	Umlawang	Umlawang		Umlawang	Byndhihati	nanunnád	Bradhihati	Byndhihati	Byndhihati	Byndhihati	Dynamian	Bandlibati	Byndhihati	Byndhihati	Village Name	PACKAGE:MEC-DMS-01	N POWER & IN	
Hom	C.90							Guard Require												Guard Require	and the second se								ne Remarks		FRA LIMITED	

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1254		Nh							eer	/d Engineer	Executive		
>		(2) A BOOM	Ele		1	M				Ø	4		
	Umlawang		Vacant Land-Pvt.	92,401690	25.332080	0/	51	4º49'88"		LOUDIC Foie	100-1012		
	Umlawang		Vacant Land-Pvt.	92,401410	0791050		58	CLOC T			++	TT	021
	Omawang				10 10 10 10	0	51	10021151		Double Pole	Loc-70/1	AP-70	230
	Theologica		Vacant Land-Pet.	92.401180	25.331210	11730	00	17°78'44"		Double Pole	AP-70		229
	Umlawang		Vacant Land-Pvt.	92,400830	25.330890	11680	S	30°93'98"	-	Double Pole	AP-69	AP-69	228
	Umlawang		Vacant Land-Pvt.	92,400140	25.330730	0	72	179724		Double Pole		00- 11/	1.97
	Umlawang		Vacant Land-Pyt.	01066576	00100007	0	53			n of her		AB CO	400
	0				036066 26	0	52	70321571		Single Pole	Loc-67/1	10-IN	226
	Umlawane		Vacant Land-Pyt.	92,399090	25,330730	11503		13°88'99"		Double Pole	AP-67	AD 67	225
	Umlawang		Vacant Land-Pvt.	92.398600	25.330590	11451	65	16º46'22"		Double Pole	MP-00	00-10	424
	Olinawang					0	50			0 11 0 1	ADCA	AD 66	100
Guard Require	Imawaaa	Nala (Width-4m)	Vacant Land-Pvt.	92.398190	25.330340	11401		15°93'60"		Double Pole	AP-65	AP-65	223
	Umlawang		Vacant Land-Pvt.	92.397410	25.330110	11319	68	2°54'63"		Double Pole	1.00-04/1		444
	Umtawang	Kachha Road (3m)	Paralli Lano'i vi.	A CALCUME		0	54				1	AP-64	33
			Versent I and Dat	010206010	25 320040	11265	40	35°25'23"		Double Pole	AP-64		221
	Umlawang		Vacant Land-Pvt.	92.396640	25.329580	11217	5	4°64'63"		Single Pole	Loc-63/3		220
	Umlawang		Vacant Land-Pvt.	92,396320	077675.57	0	51	0000		our Arguna			
			· · · · ·			0	51	00009150#		Sinole Pole	Loc-63/2	Co. TU	219
	Umlawang		Vacant Land-Pvt.	92.395940	25.328920	11115		0°08'39"		Double Pole	Loc-63/1	ADAS	218
	Umlawang		Vacant Land-Pvt.	92.395510	25.328500	0	64	15"45'82"		DOLT BIGROCI	CO- 10		4.1.1
	G					0	52				10.03	T	210
	Umfawano		Vacant Land-Pvt.	92,395080	25.328240	10999	2	3:5957"		Single Pole	Loc-62/2		216
	Umlawang		Vacant Land-Pvt.	92.394660	25.327950	10946	52	1°21'04"		Double Pole	Loc-62/1	AP-62	215
	Umlawang		Vacant Land-Pvt.	92.394100	25.327580	0	70	13"49'38"		Tonpie Loie	20-4V		114
	omawang		· · · · · · · · · · · · · · · · · · ·			0	57						1
			Vacant Land-Det	02 303750	25 327180	61801	00	18°48'52"		Double Pole	AP-61	AP-61	213
	Umlawang		Vacant Land-Pvt.	92.393310	25.326920	10766	5	4°20'18"		Single Pole	Loc-60/1		212
	Umlawang		T UMBRI LIGHT TI.	0.00000000		0	53					AP-60	2
and the second se			Vacant I and Put	92 392890	25.326630			17º13'33"		Double Pole	AP-60		211
Remarks	Village Name	Crossing Details	Descriptionof Land	Co-Ordinates ude Lonsitude	Co-Ot Latitude	Cumm. Span (m)	Span	Angle of Deviation	Extn.	Pole Type	Loc. No	. Point	SL. No.
	PACKAGE:MEG-DMS-01	PACKAGE:	(Supply) s)	2.CC-CS/474-NER/REW-2449/1/GS/NOA-II/6849;dated:13.07.2016(Supply) 2.CC-CS/474-NER/REW-2449/1/GS/NOA-II/6850;dated:13.07.2016(Services)	A-1/6849;date	DA-II/6850	EW-2449	R/REW-244	S/474-NE	2.CC-(
A LIMIT	POWER & INFR	CONTRACTOR: NECCON POWER & INFRA LIMITED		LIMITED	OF INDIA I	DRATION	D CORPO	CLIENT: POWR GRID CORPORATION OF INDIA LIMITED	CLIENT:	DA D-CN-	-		
			"					And the second se	and the second s		The second se		

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*		252	251		249	248	247	246	245	244	243	242	241	140	11	004	237	236	235	234	233	232	SL. No.			
thish				AP-72		-		L	E	E	Te			T	-		1 1				T T		Point			
riat Di		Loc-72/5	Loc-72/4	Loc-72/3		Loc-72/1	AP-72	Loc-71/14	Loc-71/13	Loc-71/12	Joc-71/11		1 1		Loc-11/1	1.00-71-0	Loc-71/5	Loc-71/4	Loc-71/3	Loc-71/2	Loc-71/1	AP-71	Loc, No	-		
Khlighriat Distribution Division	3	Single Pole	Double Pole	Single Pole	olugie role	Single Pole	Single Pole	Single Pole	Single Pole	Double Pole	Double Pole	Pole Type	2.CC-C	0												
gineer ion Divis																							Extn.	S/474-NEH	LIENT: P	
sion		3°58'14"	3°65'90"	4°58'15"	0'29'66"	2°94'61"	18°84'58"	2º10'93"	3°13'79"	3°96'28"	8°27'39"	1°02'87"	0°99922"	271786"	2935'33"	101785	0°49'82"	3°49'80"	"90,68°0	3°09'32"	0°13'20"	22°24'86"	Angle of Deviation	4/4-NER/K R/REW-244	CLIENT: POWR GRID CORPORATION OF INDIA LIMITED	
		47	48	46	52	46	48	46	48	50	50	48	S	50	50	45	46	46	48	45	52	56	Span Length	EW-2449/1 9/1/G5/NO	D CORPO	
1	-	12863	12815	12769	12717	12671	12623	12577	12529	12479	12429	12381	12328	12278	12228	0	12137	12091	12043	0 86611	11946	0	Cumm. Span (m)	A-11/6850	RATION	
	Mr.	25 341219	25.340785	25,340366	25,339903	25.339492	25.339058	25.338659	25.338237	25.337789	25,337346	25.336914	25.336436	25.335983	25.335537	25,335133	25.334719	25.334305	25.333877	25.333470	25.333000	25.332500	Co-O Latitude	-1/6849;dat ;dated:13.0	OF INDIA	33kV
120F17		92.401714	92.401702	92.401720	92.401699	92.401678	92,401631	92,401735	92,401827	92.401879	92.401965	92,401979	92.402004	92,402019	92.402015	92,401993	92,401961	92.401933	92,401933	92,401940	92.401920	92.401900	Co-Ordinates ude Longitude	LUA RELN6: 1.C.C-CS/474-NER/REW-2449/1/G5/NOA-II/6849;dated:13.07.2016(Supply) 2.CC-CS/474-NER/REW-2449/1/G5/NOA-II/6850;dated:13.07.2016(Services)	LIMITED	S/C Line Mynkre to S
	060	Vacant Land-Pvt.	Vacant Land-Pvt.	Forest Land-Pvt.	Forest Land-Pvt.	Vacant Land-Pyt.	Vacant Land-Pvt.	Forest Land-Pvt.	Forest Land-Pvt.	Vacant Land-Pvt.	Descriptionof Land	o(Supply) cs)	c	33kV S/C Line Mynkre to Sutanga												
0	CAD TO CO																						Crossing Details	PACKAGE:	CONTRACTOR: NECCON POWER & INFRA LIMITED	
2.		Umlawang	Umfawang	Umlawang	Umlawang	Umlawang	Village Name	PACKAGE:MEG-DMS-01	POWER & INFR																	
Hona	220																						Remarks		A LIMITED	

CLENT: POVIRE GRID CORPORATION OF INFORMATION	0		130F17		1		vision	Khlieh int Distribution Division	Executive	Khile
	5	ç		h	AN AN			R	A	
	H	Vacant Land-Pvt.	92,406853	21.348823	13914		2°64'14"	ngle Pole	Loc-75/11	AP-75
		Vacant Land-Pvt.	92.406457	25,348534	13863	51	2°36'41"	ngle Pole		
		Vacant Land-Pvt.	92.406084	25.348238	13813	50	5°49'96"	ingle Pole	-	
	+	Vacant Land-Pvt.	92.405711	25.347995	13767	46	1°25'09"	ingle Pole	-	
	++	Vacant Land-Pvt.	92.405301	25.347740	13717	S I	"69,68°0	ingle Pole		
		Vacant Land-Pvt.	92.404878	25.347468	13665	65	1°20'22"	ouble Pole		
		Vacant Land-Pvt.	92.404421	25.347187	13609	n 4	7º61º75"	ouble Pole	++	
		Vacant Land-Pyt.	92.404059	25.346894	13560	06	2°37'41"	ingle Pole	-	
		Vacant Land-Pvt.	92.403727	25.346602	13513	47	"80.59°0	Single Pole		
	1 1	Vacant Land-Pvt.	92,403358	25.346270	13461	52	9°56'94"	ingle Pole	-	
		Vacant Land-Pvt.	92.403078	25.345916	13413	48	4°10'93"	Single Pole		<u> </u>
		Vacant Land-Pvt.	92.402831	25.345551	13365	48	19°55'27"	Double Pole		
	1 1	Vacant Land-Pvt.	92.402731	25.345122	13316	49	7°82'92"	Single Pole		
		Vacant Land-Pvt.	92.402693	25.344639	13262	52	0°09'03"	Single Pole		0
		Vacant Land-Pvt.	92,402659	25.344197	13213	40	6°64'45"	Single Pole	Loc-74/1	
		Vacant Land-Pvt.	92.402576	25.343797	13168	45 40	18°75'98"	Double Pole		00
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1	Vacant Land-Pvt.	92,402343	25.343423	13120	40	1º68'81"	Single Pole		7
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Vacant Land-Pvt.	92,402105	25.343066	13074	10	8013/11"	Double Pole	Loc-73/1	- los
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Vacant Land-Pvt.	92,401832	25,342483	13004	đ	20°25'72"	Double Pole	++	5
CLIENT: POWR GRID CORPORATION OF INDIA LIMITED LOA Ref.No: 1.CC-CS/474-NER/REW-2449/1/G5/NOA-I/6849;dated:13.07.2016(Supply) Angle Loc. No Pole Type Extn. Angle of Deviation Span Length Cumm. Co-Ordinates Descripti Loc.72/6 Single Pole 1º4532" 1º4532" 12910 25.341642 92.401755 Vacant	11	Vacant Land-Pvt.	92.401812	25.342097	12961	15	3077'84"	Single Pole	+++	4
CLIENT: POWR GRID CORPORATION OF INDIA LIMITED LOA Ref.No: 1.CC-CS/474-NER/REW-2449/1/G5/NOA-I/6849;dated:13.07.2016(Supply) Angle 2.CC-CS/474-NER/REW-2449/1/G5/NOA-II/6850;dated:13.07.2016(Services) Angle Loc. No Pole Type Extn. Angle of Span Cumm. Co-Ordinates Descripti Point Loc. No Pole Type Extn. Deviation Length Span (m) Latitude Longitude Descripti		Vacant Land-Pvt.	92,401755	25.341642	1.1		1°45'32"	Single Pole	-	53
CLIENT: POWR GRID CORPORATION OF INDIA LIMITED LOA Ref.No: 1.CC-CS/474-NER/REW-2449/1/G5/NOA-I/6849;dated:13.07.2016(Supply) 2.CC-CS/474-NER/REW-2449/1/G5/NOA-II/6850;dated:13.07.2016(Services)		Descripti	rdinates	Co-O Latitude	Cumm. Span (m)	Span	tn. Angle of Deviation	Pole Type Ex	Loc. No	1
CLIENT: POWR GRID CORPORATION OF INDIA LIMITED		(Supply) es)	ed:13.07.2016 7.2016(Servic	A-L/6849;dat 0;dated:13.0	11/G5/NO/	EW-2449 9/1/G5/N	-CS/474-NER/R -NER/REW-244	A Ref.No: 1.CC 2.CC-CS/474		
		Summer of the second	LIMITED	OF INDIA	DRATION	O CORPO	VT: POWR GRI	CLIEN		

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APA Alas		W JENER			6	VE	IN TANK		Executive Engineer	Ø	Executive Ch	
	Sutanga		Vacant Land-Pyt.	92.414997	25.353968	0	48	0°4918"	Single Pole	Loc-1912 Sin	100	
Quard Kequire	Sutanga		Vacant Land-Pvt.	92,414754	25.353610		47	3°63'09"	Double Pole		Loc	292
	Sutanga	11KA	Vacant Land-Pvt.	92.414532	25.353231	14834	48	13°94'72"	Double Pole	AP-79 Dou	A	291
	Sutanga		Vacant Land-Pvt.	92.414208	25.352904	14785	49	"IS,IS56	Single Pole	Loc-78/1 Sin	Los	290
	Sutanga		Vacant Land-Pvt.	92.413787	25.352621	14732	53	13°46'75"	Double Pole	AP-78 Dot	AP-78 A	
	Sutanga		Vacant Land-Pvt.	92.413345	25.352450	14684	48	4°90'70"	Single Pole	Loc-77/2 Sin	1.00	288
	Sutanga		Vacant Land-Pvt.	92,412924	25.352247	14636	48	7°59'88"	Single Pole		AP-11 Lo	11
	Sutanga		Vacant Land-Pvt.	92.412548	25.352003	14589 0	47	13°38'77"	Double Pole	-	TT	L
	Sutanga		Vacant Land-Pvt.	92,412192	25.351632	14534	55	15º90'01"	Double Pole		AP-76 A	
	Sutanga		Vacant Land-Pvt.	92,411806	25.351404	14488	45	994122"	Single Pole	1		
	Sutanga		vacant Land-Pvt.	92.411.347	007100.07	0	50	Irea A	in the second seco	-	-	2
	Sutaga		V SCHILLAUG-LVI.	007111-72	0101000	0	50	1 ti 5 to 9	Single Pole			283
			Western 1 ma	00011000	05 251010	0	47	2004M7n	Single Pole	Loc-75/20 Sin	Loc	282
	Sutanga	raciun roud (int)	Vacant Land-Pvt,	92,410512	25,350778	14341		2°17'53"	Single Pole	Loc-75/19 Si	Loc	281
	Sutanga	Vankka David /See	Vacant Land-Pvt.	92.410094	25.350553	14292	49	3°27'20"	Single Pole	Loc-75/18 Si	Log	280
	Sutanga		Vacant Land-Pvt.	92,409669	25.350353	14244	48	1º18'49"	Double Pole	Joe-13/17 130	1.0	215
Guard Require	Umlawang	Nala (Width-10m)	vacani Land-Fyt.	76,402060	AD AD AD AD AD	0	74				T	
	1		Vacant Land Det	07 A00000	C20012 50	14170	56	2030/54"	Double Pole	Loc-75/16 Do	Lo	278
	Umlawang		Vacant Land-Pvt.	92,408541	25.349771	14114	24	1º11/61"	Double Pole	Loc-75/15 De	Lo	277
	Umlawang		Vacant Land-Pvt.	92.408092	25.349537	14062	3	1°34'18"	Single Pole	Loc-75/14 Si	Lo	276
	Umlawang		Vacant Land-Pvt.	92.407690	25.349316	14015	47	Iº46'34"	Single Pole	Loc-75/13 Si	Lo	275
	Umlawang		vacant Land-Pvt.	007104:76	C60646"C7	0	50	01.64.0	ouge tow			
			VF - 1 - 1 - 1		COUDEC 20	0	51	12115709	insle Pala	1 no-75/10 S	To	274
Remarks	Village Name	Crossing Details	Descriptionof Land	tude Longitude	Lati	Span (m)	Length	n. Deviation	Pole Type Extn.	Loc. No P	Point L	SL. No.
	IEG-DMS-01	PACKAGE:MEG-DMS-01	Supply) s)	2d:13.07.2016(7.2016(Service	A-1/6849;date);dated:13.07	DA-11/6850	EW-2449	LUA KEI.NO: 1CC-CS/474-NEK/KEW-2449/1/G5/NOA-1/6849;dated:13.07.2016(Supply) 2.CC-CS/474-NER/REW-2449/1/G5/NOA-11/6850;dated:13.07.2016(Services)	2.CC-CS/474-	LUA	-	
A LIMITED	OWER & INFR	CONTRACTOR: NECCON POWER & INFRA LIMITED	Q	IMITED	OF INDIA I	DRATION	D CORPC	CLIENT: POWR GRID CORPORATION OF INDIA LIMITED	CLIEN			
			JOKY S/C Line MYNKre to Sutanga	S/C LINE MINI	ANCC							

ISX IT		· IVV				V		5%	ineer	Executive Engineer	Executive Engineer	Ź
6		and and a	90		6	(m)				B		
	Sutanga		Vacant Land-Pvt.	92.420130	25/361460	16056	46	28°23'68"		Double Pole	AP-86	314 AP-86
	Sutanga		Vacant Land-Pvt.	92.420000	25.360860	15988	68	10°13'41"		Double Pole	Loc-85/3	313
	Sutanga		Vacant Land-Pvt.	92.420010	25.360370	15934	54	10°89'53"		Double Pole	Loc-85/2	312
	Sutanga		Vacant Land-Pvt.	92.420137	25.359871	15877	57	9°19'73"		Double Pole		311 AP-85
	Sutanga		Vacant Land-Pvt.	92.420155	25.359340	15818	59	22°64'69"		Double Pole	AP-85	310
	Sutanga		Vacant Land-Pvt.	92.419910	25,358760	15749	69	"68.69°8		Double Pole	Loc-84/3	309
	Sutanga		Vacant Land-Pvt.	92.419800	25.358300	15697	52	11º17'95"		Double Pole	Loc-84/2	308
	Sutanga		Vacant Land-Pvt.	92.419580	25.357840	15641	56	3°50'86"		Double Pole	Loc-84/1	307 AP-84
	Sutanga		Vacant Land-Pvt.	92.419350	25,357430	15590	51	16°68'60"		Double Pole	AP-84	306
	Sutanga		Vacant Land-Pvt.	92.418950	25.357050	15532	58	44°16'89"		Double Pole	3 AP-83	305 AP-83
	Sutanga		Vacant Land-Pvt.	92.418390	25.357030	15476	56	9°8275"		Double Pole		
	Sutanga		Vacant Land-Pvt.	92,417890	25.357090	15425	51	9°14'85"		Single Pole	Loc-82/2	303
	Sutanga		Vacant Land-Pvt.	92.417360	25.357060	15372	53	4°29'13"		Single Pole	TT	302 AP-82
	Sutanga		Vacant Land-Pvt.	92.416880	25.357000	15323	49	27°78'98"		Double Pole	AP-82	100
Guard Require	Sutanga	Nala (Width-5m)	Vacant Land-Pvt.	92.416476	25.356738	15273	50	24°05'55"		Double Pole	11	300 AP-81
	Sutanga		Vacant Land-Pvt.	92.416235	25.356365	15225	48	17º91'58"		Double Pole	30 AP-80	299 AP-80
	Sutanga		Vacant Land-Pvt.	92.416129	25.355928	15175	50	8°13'12"		Single Pole	Loc-79/7	298
	Sutanga		Vacant Land-Pvt.	92.415959	25,355517	15126	49	7°27'50"		Single Pole	Loc-79/6	297
Guard Require	Sutanga	TIKA	Vacant Land-Pvt.	92.415730	25.355124	15077	49	1°98'42"		Double Pole	Loc-79/5	296
	Sutanga	1100	Vacant Land-Pvt.	92.415506	25.354705	15025	53	7º11'29"		Double Pole	Loc-79/4	295
	Sutanga		Vacant Land-Pvt.	92.415244	25,354339	14977	48	1º86'58"		Single Pole	79 Loc-79/3	294 AP-79
Remarks	Village Name	Crossing Details	Description of Land	Co-Ordinates ude Longitude	Latitude	Cumm, Span (m)	Span Length	Angle of Deviation	Extn.	-	1	SL. No. Point
	EG-DMS-01	PACKAGE:MEC-DMS-01	(Supply) cs)	LUA KCI.N0; 1.CC-CS/474-NEK/KEW-2449/1/G5/NOA-I/6849;dated:13.07.2016(Supply) 2.CC-CS/474-NER/REW-2449/1/G5/NOA-II/6850;dated:13.07.2016(Services)	A-1/6849;date 0;dated:13.07	0A-11/685	EW-2449	ER/REW-244	: 1.CC-C	.UA Kel.No 2.CC-0		
A LIMITED	OWER & INFR.	CONTRACTOR: NECCON POWER & INFRA LIMITED	and an annual ga	LIMITED	OF INDIA I	ORATION	D CORPO	CLIENT: POWR GRID CORPORATION OF INDIA LIMITED	CLIENT:			
			nkre to Sutanea	33kV S/C Line Mynkre to Su	33kV							

THENT, NOWE GEND CORRULATION OF INALIA UNITED CONTRACTORE, NECCONFERENCE ON TOURN OF BUIND TOURN OF AND ADDRESS OF AND ADDRESS OF ADDR	Khlieh		335 AP-95	334 L	AP-94		AP-93	330 AP-92	AP-91	AP-90			326 AP-89		hct	323	TT	321 AP-88	320	319	318	317 AP-87		210	SL. No. Point	-		
	riat Di		AP-95 D	-		++-						++			-	Loc-88/3 1	Loc-88/2	-		-		-		++	-		5	
	stributio	3	ouble Pole	ouble Pole	ouble Pole	ouble Pole	ounte Pole	Jouble Pole	Jouble Pole	Jouble Pole	Jouble Pole		Jouble Pole	Jouble Pole	×	Jouble Pole	Double Pole	Double Pole	Double Pole	Double Pole	Double Pole	Double Pole	Double Pole	LOUDIC POIC	Pole Type	2.CC-C	C C	
	ineer on Divis	• ~																							Extn.	3/474-NER	LIENT: P	
Surfanga Vacant Land-Pvt. Sacant Land-Pvt. Vacant Land-Pvt. Sacant Land-Pvt.	sion		40°37"78"	2°51'69"	53°48'50"	5-0073"	17-14'53"	24°66'94"	24°06'72"	14°66'94"	100679"	1 41 23	200715.1º	20/21/19"		4°91'12"	4º70'75"	8°35'93"	16°95'03"	5°49'00"	6°18'73"	9°35'77"	6°36'86"	10"81'42"	Deviation	VREW-244	OWR GRI	
Surfanga Vacant Land-Pvt. Sacant Land-Pvt. Acaant Land-Pvt. Sacant Land-Pvt.			-	50	65	53	61	51	53	55	56	59	63	58	56	6/	1	59	72	54	69	81	67	74	Length	19/1/G5/NG	D CORPO	
Surfanga Vacant Land-Pvt. Sacant Land-Pvt. Acaant Land-Pvt. Sacant Land-Pvt.	1	~	-	17274		17156	17095 0	17044	0 16691	16936	16880	0 17001	16758	16700	0	0 16644	16577	16519	16447	16393	16324	16243	16176	16102	Span (m)	DA-11/6850	RATION	
Suitanga Vacant Land-Pvt. Acaant Land-Pvt.		P	25.370280	25.370051	25,369820	25.369360	25.368840	25,368380	25.367950	25.367630	25.367220	09/000.02	25.366360	25,365940		25.365457	25,364870	25,364400	25.363860	25.363550	25.363110	25.362540	25.362150	25.361780	Latitude	;dated:13.0	OF INDIA	33k7
Sutanga scriptionof Land Vacant Land-Pvt. Vacant Land-Pvt. Acaant Land-Pvt. Acaant Land-Pvt. Sacant Land-Pvt.			92.427340	92.426815	92.426220	92,426100	92.425910	92,425900	92.425670	92.425250	92.424930	92,424000	92,424180	92.423840		92.423687	92.423493	92,423320	92,422930	92,422520		92.421540	-			ted:13.07.2016 07.2016(Servic	LIMITED	V S/C Line My
CONTRACTOR: NECCO PACKAG Crossing Details		Je.	Vacent Land-Pvt.	Forest Land-Pyt.	Forest Land-Pvt.	Forest Land-Pvt.	Vacant Land-Pyt.	Vacant Land-Pvt;	Vacant Land-Pvt.		Vacant Land-Per	Vacant Land-Pvt.		Vacant Land-Pvt.		Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Vacant Land-Pvt.	Descriptionof Land	(Supply) es)		nkre to Sutanga					
		a mora																							Crossing Details	PACKAGI	CONTRACTOR: NECCO	The second se
	(Jeff																							Remarks		A LIMITED	

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C111	NITE BOTTO		33kV S/C Line Mynkre to Sutanga	nkre to Sutanga			
TOA BANNA 10	NT: POWR GRID	CLIENT: POWR GRID CORPORATION OF INDIA LIMITED	F INDIA LIMITED		CONTRACTOR: NECCON POWER & INFRA LIMITED	OWER & INFR	A LIMITED
LUA Kef.No: 1.C 2.CC-CS/47	C-CS/474-NER/RE 14-NER/REW-2449	/W-2449/1/G5/NOA-L /1/G5/NOA-II/6850:d	LUA KeLN0: 1.CC-CS/474-NER/REW-2449/1/G5/NOA-I/6849;dated:13.07.2016(Supply) 2.CC-CS/474-NER/REW-2449/1/G5/NOA-II/6850:dated:13.07.2016(Services)	(Supply) es)	PACKAGE:MEG-DMS-01	EG-DMS-01	
SL. No. Angle Loc. No Pole Type I	Extn. Angle of Deviation	Span Cumm. Length Span (m)	Co-Ordinates	Description of Land	Crossing Details	Village Name	Remarks
		0	-		33KV		Gunzd Domino
336 AP-96 Double Pole	22°67'69"	17390	25.370750 92.427570	Vacant Land-Pvt.	1.1100	Sutanga	Ouard Require
337 AP-96 Loc-96/1 Single Pole	9°52'21"	49 0 17439 2	25.371190 92.427580	Forest Land-Pet		0	
-		+	Η			nărrence	
TANGAR LANDER	0.7432	62 0	25.371670 92.427690	Forest Land-Pvt.	WILL ATTING & L	Sutanga	
339 AP-97 Double Pole	26°51'16"	17556	25,372200 92,427880	Vacant Land-Pvt.	Nala (Width-3m)	Sutanga	Guard Require
340 AP-97 Loc-97/1 Single Pole	6°45'18"	34 0 17610 2	25.372680 92.427800	Vacant Land-Pvt.		Sutanoa	
341 Lac-97/2 Sinele Pole	#\$C40000	-					
	C796.6	51 0 2	23.373170 92.427780	Vacant Land-Pvt.		Sutanga	
342 AP-98 Double Pole	10°48'46"	17716	25.373621 92.427849	Vacant Land-Pvt.		Sutanga	
343 Loc-98/1 Double Pole	92.68°6	17767	25.374054 92.428008	Vacant Land-Pvt.		Sutanga	
344 AP-99 AP-99 Double Pole	\$9,65,65	61 17832 2	25.374567 92.428326	Vacant Land-Pvt.		Sutanga	
345 AP-100 AP-100 Double Pole	41°27'42"	17893	25.374578 92.428932	Vacant Land-Pvt.	Sulanga Road -(10m)	Sutanga	Guard Require
346 AP-101 AP-101 Double Pole	34°26'93"	17947	25.374905 92.429328	Vacant Land-Pvt.		Sutanea	
347 AP-102 AP-102 Double Pole	29°54'64"	17981	25.375203 92.429406	Vacant Land-Pvt.	likv	Sulanon	Guard Require
348 AP-103 AP-103 Double Pole	10°97'58"	45 0 18026 24	25.375502 92.429713	Vacant Land-Pvt.		D	
349 AP-104 AP-104 Double Pole	35°25'12"	62 0 25	-	Vacant Land-Del		outatiga	
350 AP-105 AP-105 Four Pole	77020152"	44 0	++	17 · 7 15 ·		outanga	
			0+cuch-26 002010-02	v acant Land-PVL		Sutanga	
AP-106 Four Pole	68°36'17"	18197	25.376185 92.430992	Vacant Land-Pvt.		Sutanga	
352 Loc-106/1 Single Pole	I°99992"	18230	25:376456 92.431120	Vacant Land-Pvt.		Sutanga	
353 AP-107 AP-107 Double Pole	13°89'38"	18271	25.376800 92.431267	Vacant Land-Pvt.		Sutanga	
354 AP-108 AP-108 Double Pole	17/28/81"	42 0 18313 25	25.377171 92.431319	Vacant Land-Pvt.		Sulanca	
355 AP-109 AP-109 Double Pole	30°08'66"	54 0 18367 25	25.377613 92.431542	Vacant Land-Pvt.		Cutoma	
356 AP-110 AP-110 Four Pole		30 / 0/ 25	25 377771 02 431788	Weeksel 1 and 10.4			
1		1.11	ł	TANK TANK		Sutanga	
		1 Old	nina initian Asia		-	POWI	POWFRAGPUD
Khliehriat 11 Thution Division	sion	East Jaintia Hills	District	THE ISR. ENCINEER	दी साविना () () () () () () () () () (वि मीवि । B	日本18. 長田の() (+)
È		Kniennar	पावरप्रिड जिल्लाका स्व		Antio Aline I of Culture	प्रबन्धक / M	11. Defene

ANNEXURE – 4

NoC FROM LAND OWNERS/VILLAGE COUNCILS

OFFICE OF THE DORBAR SHNONG OF RYMBAI VILLAGE P.O. LAD-RYMBAI, PIN. NO. 793160 East Jaintia Hills District, Meghalaya

Ref. No. DSRV/Genl/2016-2017/18-31

Date: .8/.9/17

To,

The Manager NERPSIP POWERGRID, Khliehriat

Sub: - NOC for Construction of 132 KV Transmission Line

Sir,

This is in reference to your request letter no <u>NERPSIP/Khliehriat/2017/180 dated</u> <u>10.07.2017</u> construction of two 132 KV Double Circuit transmission line (132 KV D/C MLHEP-Khliehriat Loop in, Loop Out) emnationg from Rymbai village to Mynkre associated wi5th NERPSIP project. The Dorbar shnong of <u>Rymbai</u> Village, East Jaintia Hills District, Meghalaya is pleased to intimate you that it has no Objection for whatsoever to the construction of 132 KV D/C line under the jurisdiction of Rymbai Village.

Therefore, you are hereby allowed to start the construction activities of the said transmission line within the jurisdiction of <u>RYMBAI</u> Village. However necessary compensation will be made as per prevailing norms.

(Shri. Swash East Jaintia Hills Dist

(Shri. Blastus

Secretary Rymbai Village East Jaintia Hills District

UMSATAI VILLAGE P.O. LAD RYMBAI, EAST JAINTIA HILLS DISTRICT, MEGHALAYA - 793160

To

The Manager, NERPSIP POWERGRID, Khliehriat

Subject: - "NOC for Construction of 132 KV Transmission Line".

Sir,

This is in reference to your request letter no. NERPSIP/KHLT/2017/248 dated 2/11/17 regarding construction of two 132 KV Double Circuit transmission line (132 KV D/C MLHEP-Khliehriat Loop in Loop Out) emanating from Rymbai village to Mynkre associated with NERPSIP project. The Dorbar Shnong of Umsatai Village, East Jaintia Hills District, Meghalaya is pleased to intimate you that it has No Objection for whatsoever to the construction of 132 KV D/C line under the jurisdiction of Rymbai Village.

Therefore, you are hereby allowed to start the construction activities of the said transmission line within the jurisdiction of Umsatai village. However necessary compensation will be made as per prevailing norms.

Dated-Umsatai The 16th December, 2017

h. Shylle

(Shri. Lowel Shylla) Waheh Shnong Umsatai Village East Jaintia Hills District

Waheh Shnor Umsata: Elaka Rym: East Jaintia Hilis -

OFFICE OF THE ELAKA RYMBAI DOLLOISHIP



Head Quarter,Rymbai P.O. Ladrymbai East Jaintia Hills District, Meghalaya - 793 160

Reference No. OERD/EJHD/2016-17 No - 01

To,

The Manager, NERPSIP POWERGRID, Khliehriat

Sub - NOC for Construction of 132KV Transmission Line

Sir,

This is in reference to your request letter no NERPSIP/KHLT/2017/301 dated 9th December 2017 regarding construction of two 132 KV Double Circuit Transmission line (132 KV D/C MLHEP – Khliehriat Loop In Loop Out) emanating from Rymbai village to Mynkre associated with NERPSIP project. The Dorbar Elaka of Elaka Rymbai, East Jaintia Hills District, Meghalaya is pleased to intimate you that it has No Objection for whatsoever to the construction of 132 KV D/C line at Umlaper Village which is under the jurisdiction of Elaka Rymbai.

Therefore, you are hereby allowed to start the construction activities of the said transmission line within the jurisdiction of Rymbai Elaka. However necessary compensation will be made as per prevailing norms.

> (Shri Elios Swer) Dolloi Elaka Rymbai East Jaintia Hills District E. Swersky Dolloi Elaka Rymbai

ANNEXURE – 5

DETAILS OF PUBLIC CONSULTATIONS

Details of Consultations

	Public	Consultation Mee	eting
Date of meeting	Venue of Meeting	No. of Persons attended	Persons Attended
10.11.2014	Village- Mynkre, East Jaintia Hills	21	Members of Jaintia Hill Council, Senior members & General Public



MEGHALAYA POWER TRANSMISSION CORPORATION LIMITED OFFICE OF THE SUPERINTENDING ENGINEER (T & T) CIRCLE LUM JINGSHAI : : Shillong : 793001.

Minutes of Public Hearing held on 10th Nov 2014 at Hotel Lyngwiar, Mynkre, E. Jaintia Hills.

- Subject Construction of LILO of existing 132 KV D/C MLHEP Khliehriat line at MYNKRE (under WORLD BANK assistance) and associated 33 KV distribution networks under NERPSIP in Meghalaya.
- Annexure Signatures of members of the public/village council and officials of Meghalaya Power Transmission Corporation Limited (MePTCL) and Power Grid Corporation of India Limited (PGCIL) who attended the meeting.

The public and officials of MePTCL and PGCIL who attended the meeting is enclosed in Annexure.

The Superintending Engineer, T&T of MePTCL, Shillong chair the hearing and welcomes all the public and officials who had spare there valuable time to attend the hearing. The Superintending Engineer gave a brief description about the project and he also inform that the project will be funded by the World Bank and the Central Government of India. He apprised the public that the project is He urged the public to co-operate and inform that the officials of PGCIL will brief them about the project.

Shri Dipjyoti Baruah of PGCIL also brief the public about the necessity of the project and inform the public that the corridor of the line is 27 mts for each line. He sought the co-operation of all the public to make this project successful. He lnform that this line (132 KV) will be loop in loop out from the existing 132 KV D/C MLHEP – Khliehriat line. He also inform that care will be taken to construct the line in such way as to avoid human habitat, but in case it is unavoidable, sufficient compensation will be paid by PGCIL.

The public enquired whether the compensation will be paid in the same manner as was done during the construction of 400 KV pallatana line and the PGCIL replied in the affirmative and they also inform that rate will be fix by the Deputy Commissioner.

The SE T&T, Shillong explain the tentative route of the line in the topo sheet to the public. The public want that during the final i.e check survey, the PGCIL should consult the respective headmen so that minimum damage to the properties is achieved. Some public also want to know, whether any contract work will be given to them, but it was explain that the contract will be awarded through the tender and it is upto the contractor to decide. They also want that before the work started, NOC from the villages and land owner should be obtained. The SE T&T, Shillong explain to the public about the benefit which will derived from the construction of this line and Sub station at Mynkre.

In conclusion, the public agreed that the construction of the transmission line and sub-stations is for the benefit of the State and the public, but care should be taken to inflict minimum damage to crops, forests and any structure during construction.

The hearing concluded with the vote of thanks from the Superintending Engineer and also assured that all stake holder will be taken into confident during the construction.

> Shri M.Marbaniang Superintending Engineer (T & T) MePTCL, Lumjingshai, Shillong.

MEMBERS PRESENT DURING THE PUBLIC HEARING HELD ON 10TH Nov 2014 FOR DRAWING OF 132Kv LILO LINE AT PROPOSED 132/33Kv MYNKRE SUBSTATION.

Venue:Mynkre

SI.No	Name & designation	Signature
1.	Sher' Preshos Symphi (Healman)	p. sympli
2.	Shey: Kerlbey Pala (member)	K. Pala
3.	Shei Pinlung regitale	A
4.	Shi Therber Rapasan (Mongthym	nei) T-Cary
5.	Shi Cosiphin Murcson.	12 Milles
6.	Shi Lasting Muscour.	L. My Kson
7.	Mattbiany KI Baleh	Mall
8.	S. Kharkayn.	Story
9.	Sillang	flong
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13	M. Marbanian	MA-
14	K-lyrgua	Leg.
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1	5. 12. Palmitera.	W.

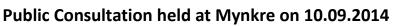
A DIPJYOTI BARVAH (PGOL) 17. SULAGNA SARMA (PGCIL) SK PAL (POWALGNO) Shri Pileoarspplicaing 18. Sulaque Sarana 19. END. 20. n 21. Shri llanc sta dei --12 22 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35

Photographs of Public Consultation held at Mynkre on 10.09.2014











	Inforr	nal Group Meetir	ng
Date of meeting	Venue of Meeting	No. of Persons attended	Persons Attended
23.11.2017	Sutnga village, East	32	Project affected families, Village
	Jaintia Hills		headman & general public
26.03.2018	Mynkre village,	16	Project affected families, Village
	East Jaintia Hills		headman & general public
28.05.2018	Village- Mynkre, East	27	Members of Jaintia Hill Council,
	Jaintia Hills		Senior members & General Public











