

COMPARATIVE STATEMENT OF THE ROUTES

Sr. No.	Description	Alt-II(Proposed) (Red)	Alt-2 (Green)	Alt-3 (Blue)
1	BEE Line	19.873 KM	19.873 KM	19.873 KM
2	Line Length	24.454 KM	26.245 KM	28.564 KM
3	Total Angle Points	55	67	68
4	Total Tower Approx.	90	93	97
5	Details of Forest			
a	Forest in Nature (USF)	AP-1-AP17-4.241KM		
b	Reserve Forest Area	AP18-AP51-17.594 KM	AP1-AP67--46.682 KM	AP1-AP68-45.922 KM
c	Forest Plantation Area (USF)	AP51-AP54-1.201 KM		
6	Power Line Crossing			
a	132 kV	NIL	NIL	NIL
b	220 kV	NIL	NIL	NIL
c	400 kV	NIL	NIL	NIL
d	765 kV	NIL	NIL	NIL
7	Railway Crossing	NIL	NIL	NIL
8	Highway			
a	National Highway	NIL	NIL	NIL
b	SH	1	1	1
		AP5-AP6 (SH)	AP5-AP6 (SH)	AP5-AP6 (SH)
9	River crossings			
a	Major	5Nos.	4 nos	4 nos
i	Siji River	AP4-AP5 River Span 65m	AP4-AP5 River Span 65m	AP4-AP5 River Span 65m
i	Ghagara Stream Crossing	AP17-AP18--Stream Span 30mtr	AP17-AP18--Stream Span 30mtr	AP13-AP14--Stream Span 30mtr
ii	Jipu Stream Crossing	AP19-AP20--Stream Span 25 mtr	AP23-AP24--Stream Span 25 mtr	

for Angelique International
Deepanker Srivastava

132 KV S.C. Tower
STEEL CHARGE
TOWER LIKAB
150 TON
TRANSMISSION LINE

ARVIND KANEL
FS (ELECT.), PGCIL
LIKABALI, A.P.
EMP. No.-90086846

PRAFUL RAY CHAURS
FE (ELECTICAL), POCIL
LIKABALI, A.P
EMP No -90086905

**Executive Engineer (E)
Basar Electrical Division,
Department of Power,
Basar**

	AP22-AP23--Stream Span 25mtr		
v	Sili Stream Crossing	AP28-AP29--Stream Span 20mtr	
vi	Kuntor Stream Crossing	AP36-AP37--Stream Span 20mtr	AP38-AP39--Stream Span 20mtr
vii	Dimow Gulai Stream Crossing	AP41-AP42--Stream Span 20mtr	
viii	Stream Crossing	AP45-AP46--Stream Span 20mtr	
ix	Simen Stream Crossing	AP50-AP51--Stream Span 20mtr	
x	Simen Stream Crossing	AP51-AP52--Stream Span 20mtr	AP61-AP62--Stream Span 20mtr
xi	Stream Crossing	AP55-AP56--Stream Span 25mtr	
10	Altitude of the Tower		
a	Minimum	134 mtr	149 mtr
b	Maximum	325 mtr	513 mtr
11	Longest Approach to the Location	Location No 26-891 mtr	Location 88-3.540 km
12	Nearest Air Port	27.6 KM Away (Mohanbari Airport-Dibrugarh Assam)	27.6 KM Away (Mohanbari Airport-Dibrugarh Assam)

Surveyed By	Submitted By	Checked By	Recommended By	Approved By
<i>h. Monma</i>	<i>Deepanker Srivastava</i>	<i>Arvind Kanel</i>	<i>Praful Ray</i>	<i>K. K. Das</i>
FOR ANGELIQUE INTERNATIONAL 132 KV S/C (On D/C Tower) LIKABALI SITE-IN-CHARGE NIG' OK TRANSMISSION LINE	ARVIND KANEL FS (ELECT.), PGCIL LIKABALI, A.P. EMP. No.-90086846	FOR PGCIL LIKABALI, A.P. EMP. No.-90086905	PRAFUL RAY CHAURSIYA P.G.C.I.L. DIBRUGARH 27.6 KM Away (Mohanbari Airport-Dibrugarh Assam)	PRASAD K. DAS/A.K. Das Asst. G.M. PGCIL LIKABALI 27.6 KM Away (Mohanbari Airport-Dibrugarh Assam)

K. K. Das
Executive Engineer (E)
Basar Electrical Division,
Department of Power,
Basar

COMPARATIVE STATEMENT OF THE ROUTES

Sr. No.	Description	Alt-I (Proposed) (Red)	Alt-2 (Green)	Alt-3 (Blue)
1	BEE Line	58.979 KM	58.979 KM	58.979 KM
2	Line Length	66.052 KM	67.324 KM	67.460 KM
3	Total Angle Points	89	121	136
4	Total Tower Approx.	238	254	256
5	Details of Forest			
a	Reserve Forest Area	AP1-AP66--34.389 KM	AP1-AP96--46.682 KM	AP1-AP89-37.922 KM
b	Non Reserve Forest	AP66-AP74--12.200 KM	AP97-AP107--9.454 KM	AP90-AP103-9.205 KM
c	Private Land	AP75-AP90-13.969 KM	AP108-AP122--11.188 KM	AP104-AP137--20.333 KM
6	Power Line Crossing			
	132 kV	NIL	NIL	NIL
	220 kV	NIL	NIL	NIL
	400 kV	NIL	NIL	NIL
	765 kV	NIL	NIL	NIL
7	Railway Crossing			
8	Highway			
a	National Highway	NIL	NIL	NIL
b	SH	1	1	1
9	River crossings			
a	Major	5Nos.	4 nos	4 nos
i	Siji River	AP4-AP5 River Span 65m	AP4-AP5 River Span 65m	AP4-AP5 River Span 65m
ii	Simen River	AP53-AP54-River Span 35m	AP65-AP66-River Span 35m	AP65-AP66-River Span 35m
iii	Potty River Crossing	AP65-AP66-River Span 68m		
iv	Diker River	AP68-AP69-River Span 118m	AP94-AP95-River Span 118m	AP98-AP99-River Span 118m
v	Dibing River	AP78-AP79-River Span 98m	AP106-AP107-River Span 98m	AP120-AP121-River Span 98m
b	Minor Stream Crossing	17 nos	11 nos	7 nos
i	Ghagara Stream Crossing	AP17-AP18--Stream Span 30mtr	AP17-AP18--Stream Span 30mtr	AP13-AP14--Stream Span 30mtr
ii	Jipu Stream Crossing	AP19-AP20--Stream Span 25 mtr	AP23-AP24--Stream Span 25 mtr	

AL 8/9

Ritobrata Das
FS (Elect.), PGCIL
Likabali, A.P.
EMP. No.-9008657 Z

SUSEN PEGU
FF (ELECT), PGCIL
LIKABALI, A.P
EMP. NO.-90086713

Sr. Engineer (PGCIL)
PGCIL, Likabali
Arunachal Pradesh

जे.डि.शर्मा/J.D. Sharmah
प्रबंधक/Manager
व्यापक योजना/Comp. Scheme
पावरग्रिड लिकाबाली, अरुणाचल प्रदेस
LIKABALI

iii	Jipu Stream Crossing	AP22-AP23--Stream Span 25mtr		
iv	Jipu Stream Crossing	AP23-AP24--Stream Span 26mtr		
v	Sili Stream Crossing	AP28-AP29--Stream Span 20mtr	AP38-AP39--Stream Span 20mtr	
vi	Kun'tor Stream Crossing	AP36-AP37--Stream Span 20mtr	AP46-AP47--Stream Span 20mtr	AP38-AP39--Stream Span 20mtr
vii	Dimow Gulai Stream Crossing	AP41-AP42--Stream Span 20mtr	AP51-AP52--Stream Span 20mtr	
viii	Stream Crossing	AP45-AP46--Stream Span 20mtr		
ix	Simen Stream Crossing	AP50-AP51--Stream Span 20mtr		
x	Simen Stream Crossing	AP51-AP52--Stream Span 20mtr	AP64-AP65--Stream Span 20mtr	AP61-AP62--Stream Span 20mtr
xi	Stream Crossing	AP55-AP56--Stream Span 25mtr	AP68-AP69--Stream Span 25mtr	
xii	Stream Crossing	AP57-AP58--Stream Span 25mtr		
xiii	Stream Crossing	AP60-AP61--Stream Span 20 mtr	AP72-AP73--Stream Span 20 mtr	AP75-AP76--Stream Span 20 mtr
xiv	Simen No 2 Stream Crossing	AP64-AP65--Stream Span 25 mtr	AP82-AP83--Stream Span 25 mtr	AP83-AP84--Stream Span 25 mtr
xv	Sikari Stream Crossing	AP73-AP74--Stream Span 25 mtr	AP98-AP99--Stream Span 25 mtr	AP110-AP111--Stream Span 25 mtr
xvi	Stream Crossing	AP81-AP82--Stream Span 20mtr	AP110-AP111--Stream Span 20mtr	AP126-AP127--Stream Span 20mtr
xvii	Ramto Stream Crossing	AP83-AP84--Stream Span 20mtr		
10	Altitude of the Tower			
a	Minimum	134 mtr	141 mtr	149 mtr
b	Maximum	325 mtr	438 mtr	513 mtr
11	Longest Approach to the Location	Location No 26-891 mtr	Location No 84-2.732 KM	Location 88-3.540 KM
12	Nearest Air Port	27.6 KM Away (Mohanbari Airport-Dibrugarh Assam)	27.6 KM Away (Mohanbari Airport-Dibrugarh Assam)	27.6 KM Away (Mohanbari Airport-Dibrugarh Assam)

Amurhans
A/L 8/9

Ritumoni Das
08/09/17
FS (Elect.), PGCIL
Likabali, A.P.
EMP.No.-90086677

SUSEN PEGU
(ELECT), PGCIL
LIKABALI, A.P.
EMP. NO.-90086713

Engineer (Asst.)
PGCIL, Likabali
Arunachal Pradesh

जे. डि. शर्मा/J.D. Sharmah
प्रबंधक/Manager
व्यापक योजना/Comp. Scheme
पावरग्रिड लिकाबली/PGCIL LIKABALI

08/09/17

2