TOWER SCHEDULE

PROPOSED 132KV D/C FROM PROPOSED 400/132KV UMANGRASO SS TO EX. 132/33KV AEGCL'S UMANGRASO GRID SUB - STATION

SL.NO	TOWER	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)			WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	GPS COORDINATES	REMARKS
					LEFT	RIGHT	TOTAL					
1	**PROP. 132KV GNATRY**										N25.52548° E92.76820°	
		51								**WALL**		
2	**AP1**		**D+3**	42°42'34"LT				150	**DRY**		N 25.52584° E92.76789°	
		249										
3	**AP2**		**D+0**	09°42'22" LT				144.5	**DRY**		N 25.526224° E92.765454°	
		40										
4	**GT1**			00°00'00"				45	**DRY**		N25.526224° E92.765056°	
		50								**440KV SCL-MISA LINE**		
5	**GT2**			00°00'00"				45	**DRY**		N 25.526223° E92.764559°	
		40										
6	**AP3**		**D+0**	65°39'26"LT				171.5	**DRY**		N25.526222° E92.764161°	**BOX X-ARM**
		303										
7	**AP4**		**B+6**	02°50'27"RT				268	**DRY**		N25.523769° E92.762835°	
		233										
	AP5		**D+12**	10°38'43"LT				219.5	**DRY**		N25.521963° E92.761648°	
		206										
	AP6		**220KV DD+18**	29°12'22"RT				361.5	**DRY**		N 25.520213 ° E92.76094°	

TOWER SCHEDULE

PROPOSED 132KV D/C FROM PROPOSED 400/132KV UMANGRASO SS TO EX. 132/33KV AEGCL'S UMANGRASO GRID SUB - STATION

SL.NO	TOWER	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)			WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	GPS COORDINATES	REMARKS
					LEFT	RIGHT	TOTAL					
		517										
	AP7		**220KV DD+12**	39°56'18"LT				375	**DRY**		N25.517184° E92.757029°	
		233										
	AP8		**B+6**	25°00'40"LT				255	**DRY**		N25.515106° E92.756643°	
		277										
	AP9		**D+0**	26°45'11"RT				187	**DRY**		N25.512692° E92.757378°	
		97										
	AP10		**D+3**	56°05'22"LT				96	**DRY**		N25.511829° E92.757209°	
		95										
	AP11		**D+0**	31°58'48"LT				67.5	**DRY**		N25.511233° E92.757889 °	
		40										
	GT3			00°00'00"				30	**DRY**		N25.511159° E92.758275°	
		20								**132KV HAFLONG LINE**		
	GT4			00°00'00"				24.5	**DRY**		N25.511121° E92.75847°	
		29										
	AP12		**D+0**	87°41'12"LT				26	**DRY**		N25.511067° E92.758749°	**3RD X-ARM**
		23										

TOWER SCHEDULE

PROPOSED 132KV D/C FROM PROPOSED 400/132KV UMANGRASO SS TO EX. 132/33KV AEGCL'S UMANGRASO GRID SUB - STATION

SL.NO	TOWER	SPAN (M)	TYPE OF TOWER	ANGLE OF DEVIATION	WEIGHT SPAN (M)			WIND SPAN (M)	TYPE OF FOUNDATION	CROSSING	GPS COORDINATES	REMARKS
					LEFT	RIGHT	TOTAL					
	132KV GANTRY										N25.511273° E92.758805°	
	TOTAL	**2503**										

SUMMARY OF TOWERS:

NEW TYPE OF TOWERS (AS PER NEW CONCEPT) :
A TYPE 0° - 2°
B TYPE 2°-15°
C TYPE 15°-30°
D TYPE 30° - 60°

1. QTY. OF TOWERS (AS PER NEW CONCEPT) :	
B+6	**2**
D+0	**5**
D+3	**2**
D+12	**1**
220KV DD+12	**1**
220KV DD+18	**1**
TOTAL	**12**

GANTRY 4 NOS
8.4M COLUMN 12NOS
12M BEAM 8NOS

ALL DRY FOUNDATION

PREPARED BY: HI-TECH DESIGN ENGINEERING & CONSTRUCTION
Dated 15-09-2026