

ALTERNATE ROUTE JUSTIFICATION

S. N	Name of Alternate Route	Total Route Length of the route (km)	Total Route Length in Non-Forest (km)	Total involvement of Route Length in Forest Area (km)	Justification
1	Alternate Route -I	99.16	70.93	28.23	The alternate route - I length is the longest route among all the alternate routes examined. Further, the route passes the maximum forest area of 28.23 KM, as well as the route, crosses the Wildlife Sanctuary Area. So the Alternate route – I is avoided.
2	Alternate Route -II	50.43	30.22	20.23	The alternate route - II length is the second longest route among all the alternate routes examined. Further, the route passes 20.23 KM of forest area which is not feasible in respect of the cost of the project implementation as well as forestry point of view. So the alternate route – II is avoided.
3	Final Route	40.72	34.36	6.36	The final route is the shortest route among all the routes examined. The route is feasible in respect of the cost of project implementation. The important part of the route is that the route passes a minimum forest area of 6.36 KM only is unavoidable as well as feasible and shortest to reach the final destination of the project.


Assistant General Manager
220 KV Grid Sub-Station
AEGCL Samaguri