

**400kV D/C Quad Tumkur (Vasantanarsapur) - Yelahanka Transmission line  
Diversion of 0.98Ha of Deemed Forest / Plantation area in Sonnenahalli Village,  
Yelahanka Taluk, Bangalore Urban District.**

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This 400 kV D/C Quad transmission line is being constructed from Tumkur (Vasantanarsapur) to Yelahanka by POWERGRID under the Southern Region System Strengthening Scheme 13 (SRSS-13) vide Ministry of Power approval No.11/4/2007-PG dated 03.12.2009.

The environmental impacts from the transmission lines are minimal compared to many development projects of similar scale. The main impacts anticipated from these projects are removal/pruning of trees along the transmission line corridor and usually considered as environmentally clean projects. The Electricity Act of 2003 has among its stated objectives the 'promotion of efficient and environmentally benign policies' and as a part of this clearing of vegetation below transmission line leading to fragmentation of forests is avoided and natural habitats are retained.

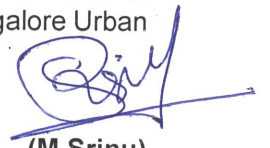
Further the route is also finalized by considering the following factors:

1. Transmission line projects are linear in spatial distribution and minimally invasive of permanent land use changes and are drawn substantially high above the ground avoiding possible encounter with ecological sensitive areas as well as habitations.
2. As a rule, alignments are generally cited 10 -15 km away from major towns, whenever possible, to account for future urban expansion.
3. Forests are avoided to the extent possible, and when it is unavoidable, a route is selected with bare minimum forest involvement & with minimum damage to the forest resources.
4. The route is finalized by avoiding large habitations, densely populated areas, animal / bird sanctuaries, national parks, eco sensitive areas, to the extent possible.
5. The route is finalized considering the approach and future maintenance.
6. The distance between the terminal points is kept as shortest as possible considering the techno economic factors.

The route selection for this line is also carried out considering the above factors and is made by carrying out walk over survey and superimposing the data over the topo map. The route is finalized considering the techno economic feasibility and after assessing the forest involvement in all routes / alternate routes. Out of 3 alternative routes considered initially for route alignment, this route of 73km was selected as the forest area involved was 'NIL'. Subsequently the line construction work was commenced.

However, the work in this line was stalled from 2014 to December 2017 due to stiff Right of Way problems in Tumkur & Bangalore urban districts from the public and no further activities could be taken up by POWERGRID. Out of 73kms only 7kms was completed and balance 66kms was held up due to RoW. Subsequently, with the intervention of state and district administrations the work was commenced in 2018 and presently it's on the verge of completion. However, in Sonnenahalli Village after erection of towers on either side of a plantation area (Survey No. 79/P1 as per RTC a revenue/Govt. land but being maintained by Forest department) it was informed by forest department that this plantation area is under notification to become a 'Deemed Forest' and they have demarcated the same, recently with chain link fencing. Hence, crossing this bare minimum stretch of only 213m (0.98Ha) on the fringe of this plantation area has now become unavoidable and absolutely necessary to complete the project.

In view of the above, due to non-availability of alternate route without involvement of forest, this proposal is being submitted for obtaining forest clearance for diversion of 0.98Ha of deemed forest (under notification) in Sonnenahalli Village, Yelahanka Taluk, Bangalore Urban District/Division. .



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