

Justification for clubbing RoU of MUW Pipeline Corridor and RoW of 132 kV Transmission line of Darlipali STPP

In order to minimise the forest area to be diverted for non-forest purpose it has been intended to accommodate both MUW pipeline corridor and 132 kV transmission line in one diversion proposal. The detail analysis is as follows:

A- If separately processed

1. MUW Pipeline Corridor of 32.5 m
2. 132 kV transmission line corridor of 27 m

The total cumulative width is 59.5 m.

B- If both the proposals clubbed

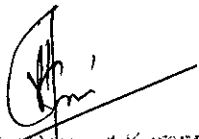
Total width of corridor is 50 m (Drawing attached).

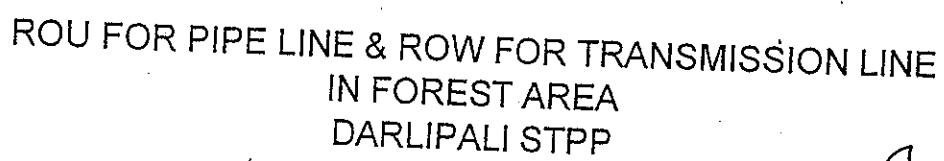
% Reduction of area due to clubbing of proposal:

$$\{(59.5-50)/59.5\} \times 100 = 16\%$$

Reason of Reduction in Area

The corridor for pipeline is required mainly during laying of underground pipeline. After laying of pipe, no over ground structure will be there. Hence some of the overlapping corridor can be used for ROW purpose of 132 KV transmission line resulting into 16% reduction in overall requirement.


प्रमोद कुमार / Pramod Kumar
महा प्रबंधक (प्रभारी) / General Manager (I/C)
दरिपल्ली सुपर थर्मल पावर प्रोजेक्ट / Darlipali STPP
एनटीपीसी लिमिटेड / NTPC LTD.
सुन्दरगढ़ / Sundargarh



प्रमोद कुमार / Pramod Kumar
महा प्रबंधक (मणारी) / General Manager (I/C)
दरिपाली सुपर थर्मल पावर प्रोजेक्ट / Darlipali STPP
एनटीपीसी लिमिटेड / NTPC LTD.
सुन्दरगढ़ / Sundargarh