

Biomass Residue Production

Bioenergy production in the state of Karnataka is estimated to be around 1.15 TWh/year most of which comes from small plants which produce biogas, and a small quantum from solid biomass based plants. Main source of bioenergy in the state are agricultural and forest residue which contributes to around 99% of total bioenergy production (agriculture and forest residue production was around 26 and 6 million tons per annum respectively in 2015). Further, productivity of agricultural residue is projected to grow incrementally across the four levels.

Level 2
In level 2, agricultural residue production increases with annual growth rate of 1.3%. Further, forestry residue is projected to increase at 0.1% per annum.

Level 1
Level 1 assumes that agricultural residue production increases with annual growth rate of 0.9%. Forestry residue remains at the same level as 2015.

Level 3
Level 3 assumes that agricultural residue production increases with annual growth rate of 1.7%. Forestry residue is projected to increase at 0.2% per annum.

Level 4
Level 4 is a more aggressive scenario which assumes that agricultural residue production increases with annual growth rate of 2.1%. Forestry residue is projected to increase at 0.3% per annum.

