

Biomass Residue Production

Bioenergy production in the state of Maharashtra is estimated to be around 2.44 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 43 and 8.7 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.

