

Biomass Residue Production

Bioenergy production in the state of Assam is estimated to be around 0.28 TWh, most of which comes from biogas, and a small quantum from biomass based plants. Main sources 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 approximately 10.2 and 3.2 million tons per annum in 2015). Further, productivity of agricultural residue is projected to increase from 1.5% to 3.5% (annual) across the four levels.

Level 2

In level 2, agricultural residue production increases with annual growth rate of 2.5%. 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 1.5%. Forestry residue remains at the same level as 2015.

Level 3

Level 3 assumes that agricultural residue production increases with annual growth rate of 3.0%. Forestry residue is projected to increase at 0.2% per annum.

3

Level 4 is a more aggressive scenario which assumes that agricultural residue production increases with annual growth rate of 3.5%. Forestry residue is projected to increase at 0.3% per annum.

