

**Project Emissions**

1. Emissions from the combustion of fossil fuels for transportation of biomass			
Ny	AVDy(km)	EFkm	PETy (tCO2/year)
10000	100	0.000425	425

2. Methane emission from the combustion of biomass		
EFCH4	$\sum BFi,y * NCVi$	PEBiomass, CH4, y
0.0411	1172.7624	1012.211227

<b>Total Project Emissions (tCO2/yr)</b>	<b>1437.211</b>
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**Baseline Emissions**

1. Baseline emissions due to natural decay or uncontrolled burning of anthropogenic sources of biomass		
GWPCCH4	$\sum BFi,notused,y * NCVi * EF_{burning,CH4,i}$	BE <sub>Biomass,y</sub>
21	25.69400856	539.5741798

2. Baseline emissions from displacement of grid-electricity		
EGy	EFgrid,y	ERelectricity,y
38.87	914.88	35559.66563

3. Emission reductions or increases due to displacement of heat				
Qy	COEFi	$\epsilon_{boiler}$	NCVi	ERheat,y
147688	1.58	100%	4.64	50242.7
<b>Total Baseline Emissions (tCO2/yr)</b>				<b>86342</b>

<b>Emission Reductions of the project activity (tCO2/yr)</b>	<b>84904.7</b>
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