

ETHIOPIA

Table 1: Indigenous Energy Resources, their potential and annual exploitation

Source	Unit	Potential	Annual exploitation	Exploited percent
Woody biomass	Million tons/year	45	50	111%
Crop residue & cattle dung	Million tons/year	51	8	16%
Hydropower	GWh (Giga Watt hour)	159,300	3,600	2.4%
Wind	GWh	100,000	0.10–0.20	~0.0%
Solar	kWh/m ² .day (kilo Watt hour?)	5.5–6.5	10GWh	~0.0%
Geothermal	GWhe (GWh) (Giga Watt hour electricity)	3,000 (22,000)	0.0	0.0%
Natural gas	TCF (trillion cubic feet)	4.0	0.0	0.0%
Coal	Million tons or tonnes	199.0	0.0	0.0%
Oil shale	Million tons or tonnes	168.2	0.0	0.0%

Notes: Woody biomass stock and yield data is from MoARD (2002 or 2005); wind resource estimate is for a wind speed of 7.5 m/s and above wind at 50 m asl and at 5MW/km², and exploited energy is estimated for about 100 deep well wind pumps; solar energy use is based on 6MW installed capacity; geothermal resource is based on 700MWe and 5000MW total capacity at 50% plant factor

Sources: *Woody Biomass Inventory and Strategic Planning Project data in MoARD (2002 or 2005) for biomass energy; MoME (2007 in refs) Strategic Plan, 2008 for underground resources; EVDA (1990); EREDPC (2006) not in refs for solar and wind energy.*