

BIOTREND CARBON EMISSION REDUCTION SITUATION

No.	Firms	GHG Reduction Technology	Licensed Power (MWe)	Total Installed Power (MWe)	GHG Annual Average Reduction (CO2 T/year)
1	DOĞU STAR ELEKTRİK ÜRETİM A.Ş. Malatya Landfill Without Licenced	Solid Waste Management and Landfill Gas Capture and Utilization	-	2.400	62.054
2	NOV ENERJİ ELEKTRİK ÜRETİM A.Ş. Sivas Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	2.826	2.826	114.864
3	NOVTEK ENERJİ ELEKTRİK ÜRETİM A.Ş. İskenderun Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	4.239	4.239	212.553
4	NOVTEK ENERJİ ELEKTRİK ÜRETİM A.Ş. İnegöl-1 Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	2.400	2.400	148.859
5	İZMİR NOVTEK ENERJİ ELEKTRİK ÜRETİM A.Ş. Harmandalı Landfill	Solid Waste Management and Landfill Gas Capture	39.690	32.340	1.416.134
6	LANDFILL ENERJİ SANAYİ TİCARET A.Ş. Balıkesir Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	14.140	11.312	440.313
7	UŞAK YENİLENEBİLİR ENERJİ ELEKTRİK ÜRETİM A.Ş. Uşak Sorting, Landfill and Biogas Plant	Solid Waste Management, Biogas Plant and Landfill Gas Capture and Utilization	5.498	4.084	155.524
8	İZMİR DOĞU STAR ELEKTRİK ÜRETİM A.Ş. Bergama Sorting, Landfill and Biogas Plant	Solid Waste Management, Biogas Plant and Landfill Gas Capture and Utilization	9.898	8.484	343.249
9	BİYOMEK ELEKTRİK ENERJİSİ ÜRETİMİ SANAYİ VE TİCARET A.Ş. Aydın Project	Biomass Power Plant	13.600	13.600	1.021.578
10	DOĞU STAR ELEKTRİK ÜRETİM A.Ş. İnegöl-2 Sorting, Landfill and Biogas Plant	Solid Waste Management, Biogas Plant and Landfill Gas Capture and Utilization	14.140	8.484	272.379
11	SERENTİ ENERJİ A.Ş. Giresun Sorting, Composting and Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	4.242	2.828	85.375
12	MD BİYOKÜTLE ENERJİ ÜRETİM A.Ş. Aksaray Sorting, Composting and Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	5.656	1.414	74.318
13	DOĞU STAR ELEKTRİK ÜRETİM A.Ş. Malatya-2 Kapıkaya Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	4.242	2.828	78.757
14	MERSİN ELEKTRİK ÜRETİM VE ENERJİ YATIRIMLARI A.Ş. Ezine Project	Biomass Power Plant	30.000	18.782	730.034
15	DOĞU STAR ELEKTRİK ÜRETİM A.Ş. Malatya Landfill Licenced	Solid Waste Management and Landfill Gas Capture and Utilization	2.400	4.800	48.094
TOTAL					5.204.087

*refers to the unlicensed

**refers to pre-license obtained while license obtaining process is ongoing.