

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	Solid Waste Management and Landfill Gas Capture and Utilization	-	2.400*	102.611
2	DOĞU STAR ELEKTRİK ÜRETİM A.Ş. Malatya-1 Biogas	Solid Waste Management and Biogas Plant Capture and Utilization	2.400	2.400	26.565
3	NOV ENERJİ ELEKTRİK ÜRETİM A.Ş. Sivas Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	2.826	2.826	147.692
4	NOVTEK ENERJİ ELEKTRİK ÜRETİM A.Ş. İskenderun Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	4.239	4.239	322.395
5	NOVTEK ENERJİ ELEKTRİK ÜRETİM A.Ş. İnegöl-1 Landfill	Solid Waste Management and landfill Gas Capture and Utilization	2.400	2.400	189.259
6	İZMİR NOVTEK ENERJİ ELEKTRİK ÜRETİM A.Ş. Harmandalı Landfill	Solid Waste Management and Landfill Gas Capture	39.690	32.340	2,256.744
7	LANDFILL ENERJİ SANAYİ TİCARET A.Ş. Balıkesir Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	14.140	11.312	475.867
8	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	224.700
9	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	456.595
10	BİYOMEK ELEKTRİK ENERJİSİ ÜRETİMİ SANAYİ VE TİCARET A.Ş. Aydın Project	Biomass Power Plant	13.600	13.600	1,134.641
11	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	333.523
12	SERENTİ ENERJİ A.Ş. Giresun Sorting, Composting and Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	4.242	1.414	119.329
13	MD BİYOKÜTLE ENERJİ ÜRETİM A.Ş. Aksaray Sorting, Composting and Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	5.656	1.414	57.076
14	DOĞU STAR ELEKTRİK ÜRETİM A.Ş. Malatya-2 Landfill	Solid Waste Management and Landfill Gas Capture and Utilization	4.242	2.828	-
15	MERSİN ELEKTRİK ÜRETİM VE ENERJİ YATIRIMLARI A.Ş. Ezine Project	Biomass Power Plant	30.000	1.000	-
16	YILBATU ELEKTRİK ÜRETİM A.Ş. Menderes Sorting, Biogas, Landfill and Composting	Solid Waste Management, Biogas Plant and Landfill Gas Capture and Utilization	24.038**	-	-
17	BIOTREND AYVACIK YENİLENEBİLİR ENERJİ ELEKTRİK ÜRETİM SANAYİ VE TİCARET A.Ş. Ayvacık Sorting, Composting and Landfill	Ayvacic Çöp Gaz Elektrik Üretim A.Ş.	4.242**	-	-
TOTAL			181.251	99.225	5,987.503

*refers to the unlicensed

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