

**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**              | -                           | -                                         |
| <b>TOTAL</b> |                                                                                                                       |                                                                               | <b>181.251</b>       | <b>99.225</b>               | <b>5,987.503</b>                          |

\*refers to the unlicensed

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