

PROJECT SUMMARY

AREL MILAS LFG & BIOMETHANISATION PLANT PROJECT

Project holder	Arel Çevre Yatırımları Enerji ve Elektrik Üretimi A.Ş.
Legal representative of the project holder	Halim Dugan
Email address of the project holder	damla@arelenerji.com
Phone number of the project holder	+90 533 236 77 89
Contact person of the project holder	Damla Yiğit

Account holder	Arel Çevre Yatırımları Enerji ve Elektrik A.Ş.
Legal representative	Halim Dugan / Bilgi Safak Dugan
Tax Identification Number (NIT)	0740649942
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Phone	+90 (312) 435 80 32
Address	Mutlukent Mahallesi 1977. Sokak No:15 06810 Ümitköy / Çankaya / ANKARA
City	Ankara
Contact person	Damla Yiğit

Sector	Waste handling and disposal
Type of Project	Waste handling and disposal

Project description	Arel Milas LFG & Biomethanisation Plant Project is located at Milas Landfill Site in Yokuşaltı Locality, Burgaz Neighborhood, Milas District, Muğla Province Türkiye. The project is owned by Arel Çevre Yatırımları Enerji ve Elektrik Üretim A.Ş. . The project includes two components: (i) the capture and extraction of landfill gas (LFG) from the landfill site for electricity generation, and (ii) the anaerobic decomposition of organic waste in an anaerobic digester, leading to biogas generation and its use for electricity generation. Currently, only the first component is operational, while the second component has not yet been commissioned. Therefore, during this crediting period, credits will be claimed only from the electricity generation of the LFG, and no credits will be claimed from the second component. The plant started operation on 06.12.2019 with capacity of 1.45 MWm / 1.41 MWe with one gas engine. The total installed capacity is 2.90 MWm / 2.82 MWe with two gas engines.
Location	Milas/Muğla, Türkiye
Project participants	Arel Çevre Yatırımları Enerji ve Elektrik Üretimi A.Ş.
Special category	
ODS	Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all, Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all, Goal 13: Take urgent action to combat climate change and its impacts
Quantification period	2019-12-06 To 2026-12-05
Methodology	CDM - ACM0001_Flaring or use of landfill gas
Estimated amount of GHG reductions / removals (ton CO2e)	0.00
Project ID	BCR-TR-195-13-001

Inscription date (dd/mm/aaaa)	24/09/2025
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Verification Period (dd/mm/aaaa)	Verified GHG emission reductions or removals (t CO2e)	Conformity Assessment Body
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