

TOP-FLIGHT POWER FOR OMAN'S NEXT- GENERATION AIRPORTS



ALWAYS ON



STANDBY POWER TO KEEP THREE OMAN AIRPORTS ALWAYS ON.

Continuous power is imperative in keeping airports operating. Cummins delivers with efficient standby generator sets that ensure maximum uptime, whatever the conditions.

Our standby power is proven many times over in the Sultanate of Oman. When its three major airports – Muscat, Salalah and Duqm – underwent expansion, local Cummins distributor Universal Engineering Services (UES) stepped up, delivering a total of 64 generator sets and around 99 MW of backup power to keep them running at peak capacity.

GLOBAL STRENGTH

Cummins' record in powering Oman's airports is founded on our proven global strength. As a worldwide power leader, our network extends to around 6,000 dealer and distributor locations in more than 190 countries. Combined with our power expertise, it allows us to supply power for all types of applications worldwide, all backed by our turnkey project capability and round-the-clock support.

PROVEN PERFORMANCE

Cummins generator sets offer top-flight durability and performance: qualities built on our single-source design and manufacture. All our generator set components are made by us, so they work seamlessly together to ensure critical infrastructure stays functioning at its best.

RELIABLE POWER FOR SALALAH AIRPORT

Opened in 2015, recently expanded **Salalah International Airport** is Oman's second biggest airport. Having served approximately 1.4 million passengers in 2018, the upgraded airport incorporates a new international terminal – designed to accommodate a projected six million future annual passengers – along with a new runway, Air Traffic Management (ATM) tower, and other buildings.

Awarded the contract based on Cummins support and its own impressive project management capabilities, distributor UES deployed 10 new emergency power generator sets across key facilities, including the new ATM building and a data centre, so ensuring the airport benefits from optimum power continuity as passenger numbers grow.



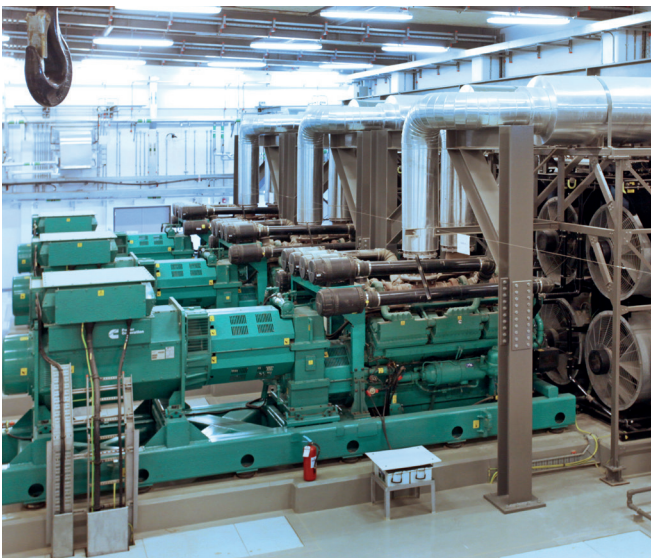
Salalah Airport uses Cummins standby generators to protect critical services

**SALALAH INTERNATIONAL AIRPORT,
OMAN**





MUSCAT INTERNATIONAL AIRPORT, OMAN



Cummins' Oman distributor UES supplied and installed Cummins standby generators and digital master controls

Muscat International Airport is Oman's largest airport and the result of a redevelopment of the Sultanate's former Seeb Airport. Located outside Muscat, the country's capital, the revamped airport opened in 2018 and catered for around 15 million passengers in its first year.

The expansion included a new \$1.8 billion passenger terminal, runway, taxiway, and apron; together with a new sea rescue and crash, fire and rescue station; cargo and maintenance facilities; and inflight catering premises.

STRONG RECORD

To ensure the airport could count on efficient backup power in any power loss, the contractor put the provision of standby power systems out to tender. Cummins' distributor, UES, was selected for its success in similar projects and its tried-and-tested local support. Other factors contributed: UES' ability to provide a single source of supply and also deliver Cummins systems similar to those at other Omani airports to ensure product commonality.

MEETING THE EMERGENCY POWER NEEDS OF MUSCAT AIRPORT

Given the go-ahead, UES designed, supplied, installed and commissioned the required power solutions for four client-defined projects: delivering 44 standby generator sets across the landside and runway works, rescue stations, and other areas as listed earlier. Key installations included twelve C3300D5 generator sets with Power Command® DMC 300 controls for the airport's primary substation and four C550D5e units for an airfield substation.

Today, these robust emergency power systems provide Muscat Airport with the infallible backup power it needs to stay Always On.



DELIVERING STANDBY POWER TO DUQM AIRPORT

In commissioning Oman's new **Duqm International Airport**, the country's Public Authority of Civil Aviation recognized the requirement for a failsafe source of standby power for its new regional hub. Part of a special Duqm zone designed to stimulate the local economy and tourism, it was vital the airport never faced a power outage and could serve its 500,000 annual passengers smoothly and without interruption.

Cummins local distributor, UES, won the project on the back of a strong technical submission, its expertise in similar works, and its ability to provide a single window for all major supplies. The teams succeeded in designing and installing the required standby power systems, including two C2250D5 generator sets for the primary substation and two C1100D5B generator sets for a cargo substation, within the client's tight timeframes.

Now in place, the units stand ready to provide critical emergency power the airport requires, whenever it's needed.



Duqm Airport relies on Cummins backup power to keep its operations flowing smoothly

CRITICAL BACKUP POWER FOR OMAN'S AIRPORTS

PROJECT	GENERATOR SET MODELS & QUANTITIES	TOTAL (MW)
Muscat International Airport		
Core Development of Airport	12 x C3300D5 with Digital Master Controller 300; 4 x C550D5e; 1 x C2250D5; 2 x C1100D5	
Sea Rescue Station & Crash, Fire & Rescue (CFR)	1 x C220D5e; 1 x C550D5e	
Inflight Catering	5 x C3000D5 with Digital Master Controller 300	53.2
Replacement of existing generators for MRO and Cargo	2 x C700D5	
Fuel Farm Facility at Muscat Airport	1 x C2250D5	
Salalah International Airport		
Core Development of Airport	5 x C3300D5 with Digital Master Controller 300; 1 x C2000D5; 1 x C1400D5; 2 x C700D5; 1 x C1100D5	18
Duqm International Airport		
Core Development of Airport	2 x C2250D5 (O); 1 x C1675D5 (O); 2 x C1100D5B (O); 1 x C550D5e	7.9
Fuel Farm for Duqm Airport	1 x C825D5A	
Cargo and MRO Hangars for Muscat and Salalah		
Cargo and MRO Hangars	5 x C3000D5 with Digital Master Controller 300; 3 x C2250D5 with Digital Master Controller 300; 1 x C38D5; 5 x C300D5; 1 x C90D5; 1 x C110D5; 2 x C550D5e	19.6
Total power supplied for above airports	64 Generator Sets	98.7

For more on Cummins airport power solutions, please contact your local Cummins distributor or visit cummins.com.



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 Bulletin 5600583 03/20
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