Gökhan Güner
General Manager/Board Member
EMSA JENERATOR
Teraziler Cad., No.37, Sancaktepe
Istanbul 34788
Republic of Türkiye

22 January 2026

Dear Gökhan Güner,

The *Tier Standard: Topology* requires that Tier III and Tier IV engine generator systems are capable of supporting the design load for unlimited hours.

> *2.5.2 Engine generators for Tier III and Tier IV sites shall not have a limitation on consecutive hours of operation when loaded to 'N' demand. Engine generators that have a limit on consecutive hours of operation at 'N' demand are appropriate for Tier I or Tier II.*

Since this clarification to the Tier Standard, engine-generator manufacturers have been providing letters attesting to the continuous capacity of select engine-generator models.

EMSA JENERATÖR has introduced their Data Center Continuous Power (DCCP) engine-generator rating, defined as the maximum power that the engine generator is capable of delivering continuously to a constant or varying electrical load for unlimited hours in a data center application.

Considering this definition and the review of documentation provided by EMSA JENERATÖR on 2 September, 10 October, and 1 December 2025, I am pleased to inform you that Uptime Institute considers the EMSA JENERATÖR rating as acceptable for a Tier III or Tier IV objective for the units shown in Tables 1 and 2 at the baseline conditions of 25°C and an elevation of 110 meters (m) above sea level. However, as part of a Tier Certification of Constructed Facility review, the unit installed must contain a nameplate with the DCCP rating; if not, a letter would be required to verify the constant load unlimited runtime capacity of the unit. In addition, the rating will need to be confirmed on an individual project basis when site specific ambient temperatures and or elevation are above the baseline conditions identified or the units are installed in enclosures or semi enclosed environment or includes optional items such as remote radiator, exhaust silencer or air filter for alternators.

If there are questions on this matter, please bring them to my attention.

Sincerely,

Christopher Brown
Chief Technical Officer

Enclosure: Tables 1 and 2 Data Center Continuous Power (DCCP) Rating.

EMSA Jeneratör DCCP Rating							
Model Number		DCCP Rating (kilowatts [kW])	Voltage (V)	Engine		Alternator	
				Manufacturer	Model	Manufacturer	Model
50-Hertz (Hz), 3-Phase Engine-Generator Models	E BD ST 1110	808	230/400	Baudouin	12M26G1100/5	STAMFORD®	S6L1D-E4
	E BD ST 1500	1,100	230/400	Baudouin	12M33G1500/5	STAMFORD	S7L1D-C
	E BD ST 1650	1,200	230/400	Baudouin	12M33G1650/5	STAMFORD	S7L1D-C
	E BD ST 2000	1,500	230/400	Baudouin	16M33G2000/5	STAMFORD	S7L1D-G
	E BD ST 2500	1,800	230/400	Baudouin	20M33G2500/5	STAMFORD	S7L1D-J
	E BD ST 2750	2,000	230/400	Baudouin	12M55G2750/5	STAMFORD	S7L1D-K
	E CM ST 1100	800	230/400	Cummins®	KTA38-G14	STAMFORD	S6L1D-E4
	E CM ST 1400	1,020	230/400	Cummins	KTA50-G3	STAMFORD	S6L1D-H4
	E CM ST 1650	1,200	230/400	Cummins	KTA50-GS8	STAMFORD	S7L1D-C
	E CM ST 2000	1,440	230/400	Cummins	KTA50-G23	STAMFORD	S7L1D-F
	E CM ST 2250	1,624	230/400	Cummins	QSK60-G4	STAMFORD	S7L1D-G
	E CM ST 2500	1,800	230/400	Cummins	QSK60-G8	STAMFORD	S7L1D-J
	E CM ST 2750	2,000	230/400	Cummins	QSK60-G23	STAMFORD	S7L1D-J
	E MH ST 1905	1,388	230/400	Mitsubishi	S16R-PTA	STAMFORD	S7L1D-F
	E MH ST 2250	1,600	230/400	Mitsubishi	S16R-PTAA2	STAMFORD	S7L1D-G
	E MH ST 2750	2,000	230/400	Mitsubishi	S16R-PTAW2-E	STAMFORD	S7L1D-J

Table 1. 50-Hz Engine-Generator Models

EMSA Jeneratör DCCP Rating							
Model Number		DCCP Rating (kW)	Voltage (V)	Engine		Alternator	
				Manufacturer	Model	Manufacturer	Model
60-Hertz (Hz), 3-Phase Engine-Generator Models	E CM ST 0750-6	540	230/400	Cummins	VTA28-G5	STAMFORD	S5L1D-G4
	E CM ST 1010-6	736	230/400	Cummins	QSK23-G3	STAMFORD	S6L1D-D
	E CM ST 1265-6	920	230/400	Cummins	KTA38-G14	STAMFORD	S6L1D-F
	E CM ST 1575-6	1,120	230/400	Cummins	KTA50-G3	STAMFORD	S7L1D-C
	E CM ST 1915-6	1,280	230/400	Cummins	KTA50-G9	STAMFORD	S7L1D-F
	E CM ST 2500-6	1,800	230/400	Cummins	QSK60-G6	STAMFORD	S7L1D-J
	E BD ST 1125-6	800	230/400	Baudouin	8M33G900/6	STAMFORD	S6L1D-E
	E BD ST 1375-6	1000	230/400	Baudouin	12M33G1100/6	STAMFORD	S6L1D-H
	E BD ST 1625-6	1,164	230/400	Baudouin	12M33G1300/6	STAMFORD	S7L1D-C
	E BD ST 1875-6	1392	230/400	Baudouin	16M33G1500/6	STAMFORD	S7L1D-E
	E BD ST 2050-6	1,480	230/400	Baudouin	16M33G1650/6	STAMFORD	S7L1D-F
	E BD ST 2500-6	1,796	230/400	Baudouin	20M33G2000/6	STAMFORD	S7L1D-J
	E BD ST 2750-6	2,000	230/400	Baudouin	20M33G2200/6	STAMFORD	S7L1D-K
	E BD ST 3300-6	2,400	230/400	Baudouin	16M55G2640/6	STAMFORD	S9L1D-E
	E MH ST 1850-6	1,360	230/400	Mitsubishi	S12R-PTAA2	STAMFORD	S7L1D-D
	E MH ST 2000-6	1,456	230/400	Mitsubishi	S16R-PTA	STAMFORD	S7L1D-F
	E MH ST 2250-6	1,636	230/400	Mitsubishi	S16R-PTA2	STAMFORD	S7L1D-G
	E MH ST 2500-6	1,816	230/400	Mitsubishi	S16R-PTAA2	STAMFORD	S7L1D-J

Table 2. 60-Hz Engine-Generator Models