

**REHABILITATION WORKS / MODERNIZATION IN THE CLASSIC ENERGY FIELD**

Plant	Country	Turbogenerator type	Year	Activity	Unit producer
ROVINARI	ROMANIA	F1C330 – Unit 6 F1C330 – Unit 5 F1C330 – Unit 4 F1C330 – Unit 3	1996, 2007 1999, 2019 2000, 2014 2004	Overhaul Modernization	GT
TURCENI	ROMANIA	F1C330 – Unit 4, 5 F1C330 – Unit 1 F1C330 – Unit 3	2003 2002 2003	Overhaul Modernization	GT
TURCENI	ROMANIA	F1C330 – Unit 7	2017, 2018	Overhaul	GT
ISALNIȚA	ROMANIA	F1C330 – Unit 7	2012	Overhaul Modernization	GT
GOVORA	ROMANIA	DSL 50 Unit 4 Unit 3 Unit 6	2010 2012 – 2014 2015 – 2017	Overhaul Modernization	GT
DROBETA	ROMANIA	DSL 50 Unit 5 Unit 4 DKUL 50 – Unit 2	2010 2012 2006 2011	Overhaul Modernization	GT
CRAIOVA II	ROMANIA	F1L 150 – Unit 2	2007	Overhaul Modernization	GT
SUCEAVA	ROMANIA	8,5 MW	2006	Reparație capitală	SKODA
BANIYAS	SYRIA	CTR12 – Unit 1, 2, 3, 4	2000 – 2004	Overhaul Modernization	GT
KIRIKKALE	TURKEY	CTR12 – Unit 1, 2	2005	Overhaul	GT
BAKONY	HUNGARY	32 MW Unit 5 Unit 6	2005, 2016 2006, 2013, 2016	Overhaul	LANG
DEVNIA	BULGARY	P8.5-90/36 Unit 5	2011	Overhaul	LANG
DEVNIA	BULGARY	PT25-90/10 Unit 1	2012	Overhaul	KALUGA
DEVNIA	BULGARY	PR21-90/21/6 Unit 6	2012, 2018	Overhaul	LANG
SOFIA	BULGARY	R25	2012	Overhaul	SKODA
PLOVDIV	BULGARY	30 MW	2013, 2015	Overhaul	BRNO
BUCUREȘTI SUD	ROMANIA	VT-100 – Unit 3 VT-100 – Unit 4	2002 2003	Overhaul Modernization	LMZ LMZ
GROZĂVEȘTI	ROMANIA	VT-50 – Unit 1 VT-50 – Unit 2	2002 2003	Modernization of the adjustment system	LMZ LMZ
ORADEA	ROMANIA	60 MW – Unit 1, 2, 3	2001	Modernization of the adjustment system	CZECH REPUBLIC
MUREȘ	ROMANIA	K210 – Unit 5, 6	2001 – 2003	Modernization of the adjustment system	LMZ
BORZEȘTI	ROMANIA	K210 – Unit 8	2003	Modernization of the adjustment system	LMZ
BRĂILA	ROMANIA	K210 – Unit 2	2004	Modernization of the adjustment system	LMZ
DEVA	ROMANIA	K210 – Unit 5, 6	2004	Modernization of the adjustment system	LMZ
TURCENI	ROMANIA	F1C330 – Unit 5	2017	Modernization of the adjustment system	GT
ARAD	ROMANIA	DSL 50-1 – Unit 1	2019	Modernization of the adjustment system	GT
**** Rotori turbină	ROMANIA BULGARY	30...330 MW	2000 – 2019	Overhaul Modernization	SKODA, GT, ALSTOM
IȘALNIȚA	ROMANIA	Electric pumps (EPA1 and EPA2) for water supply to boilers related to block 7	2019	Modernization	***

ANWIL	<b>POLAND</b>	Turbine TC-1501	2020	Specifications for repair of rotor disc tr.2 and calculation of blade resistance damaged area	***
București Sud	<b>ROMANIA</b>	Turbine VT 100–Unit 4	2020	Expertise and repair of IP, MP and JP turbine rotors VT 100	LMZ
ARAD	<b>ROMANIA</b>	DSL 50-1 – Unit 1	2021	Expertise and repair of DSL 50-1 turbo unit	GT
AB ORLEN	<b>LITHUANIA</b>	Turbine K-6-30P	2021	Calculations of the resistance of the damaged area of the 8th stage K-6-30P turbine rotor disk	***
Solvay Chimica	<b>ITALY</b>	Rotor TSGR 2	2022	Rotor repair expertise/specification	***
Al Mussaib	<b>IRAQ</b>	Turbine TA 320 MW – Unit 4	2022	Expertise/repair of IP, MP and JP rotors	Parson
ANWIL	<b>POLAND</b>	Gas Turbine T-2101	2023	Gas turbine rotor technical expertise/documentation	ENSA
GROZĂVEȘTI	<b>ROMANIA</b>	VT-50 – Unit 2	2023	NDT checks rotors and housings	LMZ
TURCENI	<b>ROMANIA</b>	F1C330 – Unit 5	2023	IP turbine body repair. Disassembly/assembly of JP body Sensor installation project for special measurements	GT
ANWIL	<b>POLAND</b>	Steam turbine TC-2101 type TR9/160	2024	Construction documentation new rotor TC-2102 steam turbine	***