



Struthers Energy & Power List of Delivered Waste Heat Recovery and Steam Boiler Projects
Updated December 2023

Date	End User	Country	Platform/Projects	Heating Medium	Unit	Qt	Turbine	Duty kW
2023	Altera	UK	Rosebank	Thermal Oil	CWHRU	4	Titan 130	14,300
2023	Shell	GOM USA	Sparta	Water	CWHRU	4	Taurus 70	7,700
2022	LLOG Exploration	GOM USA	Salamanca	Water	CWHRU	2	Mars 100	9,900
2022	BOE Exploration	GOM USA	Shenandoah FPSO	Water	CWHRU	3	Taurus 70	5,700
2020	LLOG Exploration	GOM USA	Kings Quay FPSO	Water	CWHRU	3	Taurus 70	6,220
2020	Equinor	Norway	Snorre B Platform	Steam	CHRSO	1	2 x LM2500+	70,710 kg/hr, 17barg, 430C
2020	Shell	GOM USA	Whale FPSO	Water	CWHRU	4	Taurus 70	7,700
2017	Shell	GOM USA	Vito FPSO	Water	CWHRU	4	Taurus 70	7,700
2016	Earthworm	UK	Daventry	Steam	COTSG with SCS	1	Woodchip biomass	12,500kg/hr 20barg dry-sat
2016	Pemex	Mexico	BP-Abkatun-A2 Platform	Thermal Oil	CWHRU	3	Taurus 60	3,630
2016	Pemex	Mexico	BP-Abkatun-A2 Platform	Thermal Oil	CWHRU	3	Mars 100	3,630
2015	Solar 21	UK	Tansterne	Steam	COTSG with SCS	2	Woodchip biomass	45,000kg/hr, 65barg, 480C
2015	Total	Algeria	Timimoun	Thermal Oil	TWHRU Integral Bypass	3	Taurus 70	7,800
2014	BP	UK	ETAP Platform	Water Glycol	TWHRU Integral Bypass	1	Frame 6	24,500
2014	BOL (Conoco/Chevron)	UK	Britannia Platform	Water Glycol	TWHRU Integral Bypass	3	Mars 100	10,655
2014	Pemex	Mexico	Dos Bocas Terminal	Thermal Oil	CWHRU	3	Taurus 70	4,150
2013	Pemex	Mexico	CB Litoral A Platform	Thermal Oil	CWHRU	4	Centaur C50	3,870
2013	Pemex	Mexico	CB Litoral A Platform	Thermal Oil	CWHRU	3	Centaur C40	2,570
2013	Pemex	Mexico	CA Litoral A Platform	Thermal Oil	CWHRU	4	Titan 130	3,100
2013	Vietsovetro	Vietnam	White Tiger Platform	Thermal Oil	CWHRU	3	Taurus 60	3,200
2012	LLOG Exploration	GOM USA	Delta House Platform	Thermal Oil	CWHRU	3	Taurus 60	6,300
2012	Statoil	Norway	Kristin Platform	Water	TWHRU External Bypass	1	LM2500	25,000
2012	Petrobras	Brazil	Cherne Platform	Water	CWHRU	1	Titan 130	14,700
2012	Conoco Philips Norway	Norway	Eldfisk 2/7E Platform	Steam	CWHSO	1	2 x LM1600	28,494kg/hr, 16.2barg,
2012	Conoco Philips Norway	Norway	Eldfisk 2/7E Platform	Steam	CWHSO	1	1 x LM2500	23,925kg/hr, 16.2barg,
2011	Chinook Sciences	UK	IES Oldbury	Steam	COTSG with SCS	2	Onshore Gasification	60,000kg/hr, 40barg, 400C
2011	Saudi Aramco	Saudi Arabia	Shaybah NGL Power	Thermal Oil	TWHRU External Bypass	4	Frame 7	100,000
2011	Energy Transfer	USA	Chisholm Gas Plant Expansion	Thermal Oil	CWHRU	2	Centaur C50	4,600
2011	Petrojarl	Norway	Jordbaer FPSO	Thermal Oil	CWHRU	4	Titan 130	14,300
2010	Statoil	Norway	Gullfaks C Platform	Water	Waste Heat Unit	1	LM2500	23,000
2010	Statoil	Norway	Gullfaks B Platform	Water	Waste Heat Unit	1	LM2500	23,000
2009	Shell UK Ltd.	UK	Anasuria FPSO	Water/Glycol	TWHRU Integral Bypass	2	Mars 100	6,000
2008	Hamworthy	Middle East	NIOCC	Steam	HRSG	1	Refinery Thermal Oxidiser	65,000 kg/hr, 40barg, 400C