



SKELDON ENERGY INC.

"Building a Sustainable Energy Sector, Inspired by Renewable Energy Sources"

REPLACEMENT VALUES FOR DG ENGINES

SKELDON ENERGY INC

No 1 Wartsila DG Set 5 MW

Qty	Items	Unit Cost USD \$	Total Cost US \$
12	Connecting rod upper parts	\$7,659.00	\$91,908.00
12	Piston	\$12,790.00	\$153,480.00
12	Connecting rod bearings (lower part)	\$9,053.00	\$108,636.00
1	Crank shaft	\$548,642.00	\$548,642.00
7	Crank shaft Main journal bearings Pairs	\$892.50	\$6,247.50
2	Cam shaft	\$52,980.00	\$105,960.00
2	Turbo charger	\$96,436.05	\$192,872.10
1	Alternator		\$ -
12	Engine head (Cylinder Head)	\$17,074.48	\$204,893.76
12	Injection pump	\$4,485.00	\$53,820.00
2	Charge air cooler	\$25,860.00	\$51,720.00

No 2 & 3 Wartsila DG Set 2.5 MW Each

Qty	Items	Unit Cost USD \$	Total Cost US \$
6	Connecting rod upper parts	\$7,659.00	\$45,954.00
6	Piston	\$12,790.00	\$76,740.00
6	Connecting rod bearings (lower part)	\$9,053.00	\$54,318.00
1	Crank shaft	\$548,642.00	\$548,642.00
7	Crank shaft Main journal bearings Pairs	\$892.50	\$6,247.50
1	Cam shaft	\$52,980.00	\$52,980.00
1	Turbo charger	\$96,436.05	\$96,436.05
1	Alternator		\$ -
6	Engine head	\$17,074.48	\$102,446.88
6	Injection pump	\$4,485.00	\$26,910.00
1	Charge air cooler	\$25,860.00	\$25,860.00

Wartsila DG Set Auxiliaries

Qty	Items	
2	Start air compressor	\$165,000
1	Instrument air compressor	\$185,000
1	HFO Separator	\$170,000
3	Lube Separator	\$75,000
1	Booster unit	\$111,735.25

Package Boiler

Qty	Items	
1	Package Boiler	\$120,000
1	LFO Burner	\$6,685