

PRESUPUESTO DE INVERSIÓN

PLANTA	Santa Clara Energy Group	Resumén Costes TOTALES	
Potencia Nominal	84 MWP		
Potencia Generada	129323 MWh / año	<i>Fecha.:</i>	6/7/23

ID	Partida	Coste [U\$D]	
1.T	Campo de Captación.: Módulos Fotovoltaicos	28,241,080.00	
2.T	Cableado	6,418,685.61	
3.T	Inversores / Baterias	9,271,890.70	
4.T	Estructura Campo Captación (mesas)	4,239,499.00	
5.T	Comunicaciones	852,570.92	
6.T	Subestación / Montajes / Instalaciones	12,215,000.00	
7.T	Obra civil interna + vallado perimetral	2,814,179.66	
	TOTALES	64,052,905.89	

Input Data

	USD	Comments	
PV Power Plant			
Project Name	Santa Clara 84 MWp	Phase 1	
Location	Dominican Republic		
Site (kWp)	84.000,00		
Irradiation (kWh/kWp)	1.450,00		
Yearly Output (MWh)	121.800		
Degradation (annual %)	0,20%		
PPA (price/kWh)	0,1039		
Inflation till start of operations	0,2%		
Energy Price at operations start (price/kWh)	0,1041		
Investment Price/kWp	* 940		
Investment Power Plant	78.960.000		
Lease Cost in advanced	0		
Disagio	0		
DSRA financed (Debt Service Reserve Account)	0		
Miscellaneous (Bank Fees...)	0		
Total Investment	78.960.000		
Equity	20%		
Debt	80%		
		FAA	
Dates			
Weighted date of investment	2023	01.01.2023	
Date of commission	2024	01.01.2024	
End date of PPA (years from commission)	15	31.12.2038	
End of producton (Years of Operation)	30	31.12.2053	
Days operation fist year	1,003	366,00	
Days operation last year	1,000	365,00	
Operation			
Landlease (amount/year) (non indexed)		0	
O&M (amount/kWp) (indexed)	4,000	336.000	
Insurance (amount/kWp) (non indexed)	6,000	504.000	
Other operation costs (amount/kWp) (indexed)	5,000	420.000	
Other operation costs (amount/kWh) (non indexed)	0,000	0	
Total annual Operation Cost (1st full year)		1.260.000	
CO2 Saving CO2/t		84.000	
CO2 Certificates (amount/t)		0,00	
CO2 Annual remuneration Certificates		0	
DSRA (aprox 50% s/max capital service)	4.522.434	0	
DSRA Interest		0,70%	
Dividend Stop		1,10	
Tax			
Depreciation (volume/investment)		100%	
Depreciation volume		78.960.000	
Period of depreciation (years)		20,0	
Type of depreciation		linear	
Tax rate		25,00%	
Tax free period	2023	0,0	
Other Data			
PPA (price/kWh) 2027 en adelante	2027	0,1039	
PPA increase (incremento lineal anual)		0,0000	
Inflation for Costs		4,00%	
Sales price after PPA period		0,1000	
Expenses for Simulations		100%	
Costs for simulations		100%	
Financing			
	Debt 1	Debt 2	Debt 3
Debt Volume	63.168.000	0	0
Nominal	100%	100%	100%
Payment (start of financing)	01.01.2023	01.01.2023	01.01.2023
Interest	4,50%	1,00%	1,00%
Repayment (linear or "")	linear	linear	linear
Duration in years	10,0	12,0	12,0
Number of Payments per year	12,0	4,0	4,0
Period without Repayment (years)	0,0	0,0	0,0
Maturity	31.12.2032	31.12.2034	31.12.2034



Overview

USD

PV Power Plant

Project Name	Santa Clara 84 MWp	
Location	Dominican Republic	
Size (kWp)	84.000	
Irradiation (kWh/kWp)	1.450	
Yearly Output (MWh)	121.800	
Degradation (annual %)	0,20%	
PPA (price/kWh)	0,1039	
Investment Power Plant	78.960.000	
Lease Cost in advanced	0	
Disagio	0	
DSRA financed (Debt Service Reserve Account)	0	
Miscellaneous (Bank Fees...)	0	
Total Investment	78.960.000	
Investment Price/kWp	940	

Financing

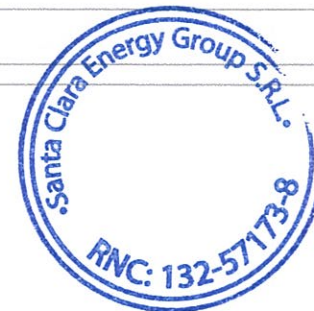
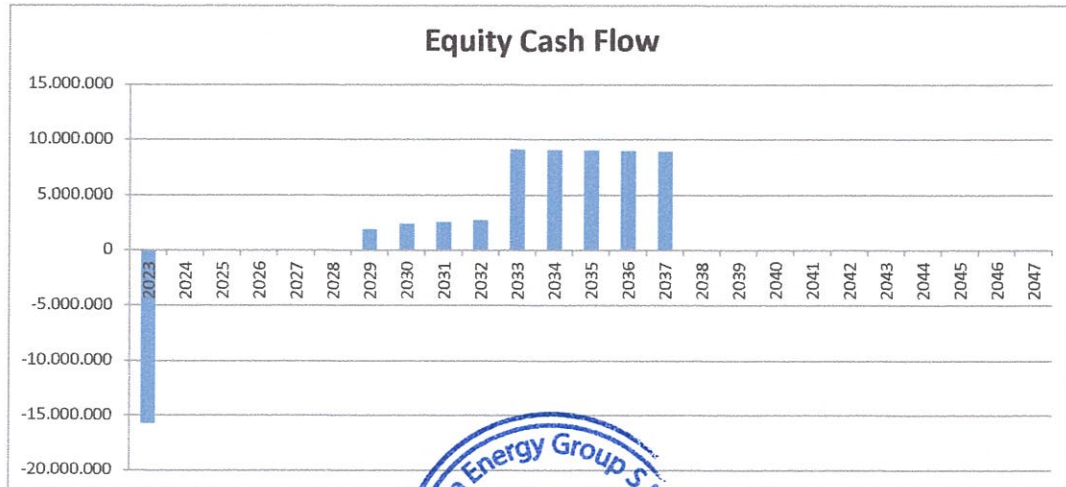
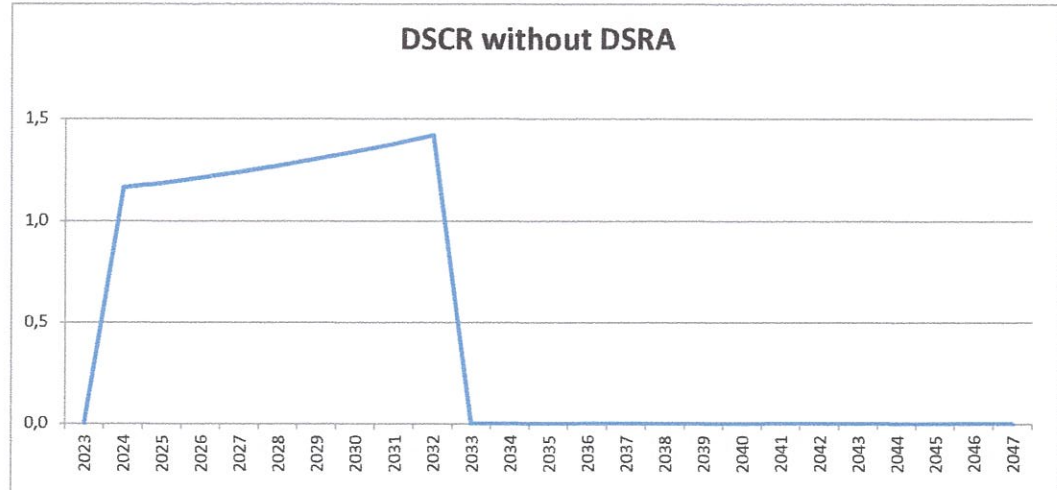
Equity	20%	15.792.000
Debt	80%	63.168.000
DSRA (aprox 50% s/max capital service)		0,00
Weighted Interest rate		4,50%

Operation

Date of commission	01.01.2024	
PPA term	15	
Inflation PPA	0,00%	
Landlease (amount/year)	0	
O&M (amount/kWp)	336.000	
Insurance (amount/kWp)	504.000	
Other operation costs (amount/kWp)	420.000	
Other operation costs (amount/kWh)	0	
Total annual Operation Cost	1.260.000	

Financial Ratios

IRR EBITDA (PPA term)	10,67%	
IRR unlevered after Taxes (PPA term)	8,00%	
IRR Equity after Taxes (PPA term)	11,98%	
ROI Equity after Taxes (PPA term)	1086%	
Bruto Multiplier (average)	9,38	
Pay Back CF before DS (years)	10	
Pay Back Equity CF (years)	11	
DSCR without DSRA (avg./ min.)	1,15	0,00
DSCR with DSRA (avg./ min.)	1,15	0,00



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