

AES AgriVerde Project Costs Calculator

Project Name/ Description: PT Milano Pinang Awan AIN07-W-01

Source

DEVELOPMENT COSTS (2007) (IDR) **229,778,825** AES Agriverde

EQUIPMENT ASSUMPTIONS	Total for the Project in	
	IDR	
HDPE, Covers, Berms, Trench	1,017,928,656	Contract
Flares, Igniters, Electrodes	66,674,000	Contract
Flow Meters	24,757,500	Contract
Piping	757,432,665	Contract
Agitators, Motors, Floats, Frame, Pad	109,514,791	Contract
Blowers	198,920,580	Contract
Remote Monitoring	49,500,000	Contract
Electrical	72,500,000	Contract
Contingency, Ship, Insurance	809,694,715	Contract
Other Equipment (Fence, etc)	86,150,000	Contract
Site Prep	389,150,000	Contract
Renewable Energy Equipment	1,378,076,700	Contract
Total Equipment Costs per Palm Oil Site	(IDR) 4,960,299,607	Calculated

OPERATING COSTS (HOST COUNTRY)		2008
Year		
Budgeted Overhead for Indonesia	(USD\$)	2,230,000 AES Agriverde
Budgeted Overhead for Indonesia	(IDR)	20,368,151,000 AES Agriverde
Number of Sites Expected		30 AES Agriverde
OPERATING COSTS in IDR per site - 1 year	(IDR)	678,938,367 Calculated

OTHER COSTS		
Overhead allocation from International Operations - 1 year	(USD\$)	305,660 AES Agriverde
Overhead allocation from International Operations - 1 year	(IDR)	2,791,806,742 AES Agriverde
Project allocation overhead w/ RE	(IDR)	1,229,527,806 AES Agriverde
OTHER COSTS in IDR - 7 years	(IDR)	19,542,647,194 AES Agriverde

TOTAL COSTS (IDR) **7,098,544,605** Calculated

REVENUE ASSUMPTIONS		
Maximum Potential Yield	33,390	PDD v.6
Maximum RE Potential Yield	293	Calculated per AMS I.D
CER Price in USD	13	Conservative market
Exchange Rate	9,133.70	www.xe.com
Length of Crediting Period (years)	7	PDD
Annual Revenues (in IDR)	3,999,455,422	
Total Revenues over Crediting Period	27,996,187,956	

Project Name: PT Milano Pinang Awan AIN07-W-01

Year	Construction		Crediting Period						
	0	1	2	3	4	5	6	7	
Development Costs	229,778,825								
Equipment Costs	4,960,299,607								
Operating Costs	678,938,367	678,938,367	678,938,367	678,938,367	678,938,367	678,938,367	678,938,367	678,938,367	
Other Costs	1,229,527,806	1,229,527,806	1,229,527,806	1,229,527,806	1,229,527,806	1,229,527,806	1,229,527,806	1,229,527,806	
Total Costs (IDR)	7,098,544,605	1,908,466,173	1,908,466,173	1,908,466,173	1,908,466,173	1,908,466,173	1,908,466,173	1,908,466,173	
Total Costs (USD\$)	777,182	208,948	208,948	208,948	208,948	208,948	208,948	208,948	
Revenues without CDM	771,984,000	771,984,000	771,984,000	771,984,000	771,984,000	771,984,000	771,984,000	771,984,000	
Net Cash without CDM	(6,326,560,605)	(1,136,482,173)	(1,136,482,173)	(1,136,482,173)	(1,136,482,173)	(1,136,482,173)	(1,136,482,173)	(1,136,482,173)	
IRR without CDM	Unable to calculate IRR- Excessively negative cash flows								
Revenues with CDM		3,999,455,422	3,999,455,422	3,999,455,422	3,999,455,422	3,999,455,422	3,999,455,422	3,999,455,422	
Net Cash with CDM	(6,326,560,605)	2,862,973,250	2,862,973,250	2,862,973,250	2,862,973,250	2,862,973,250	2,862,973,250	2,862,973,250	
IRR with CDM	41%								

Diesel fuel offset from mill records
108,000 l/yr. @7148 IDR\$/liter