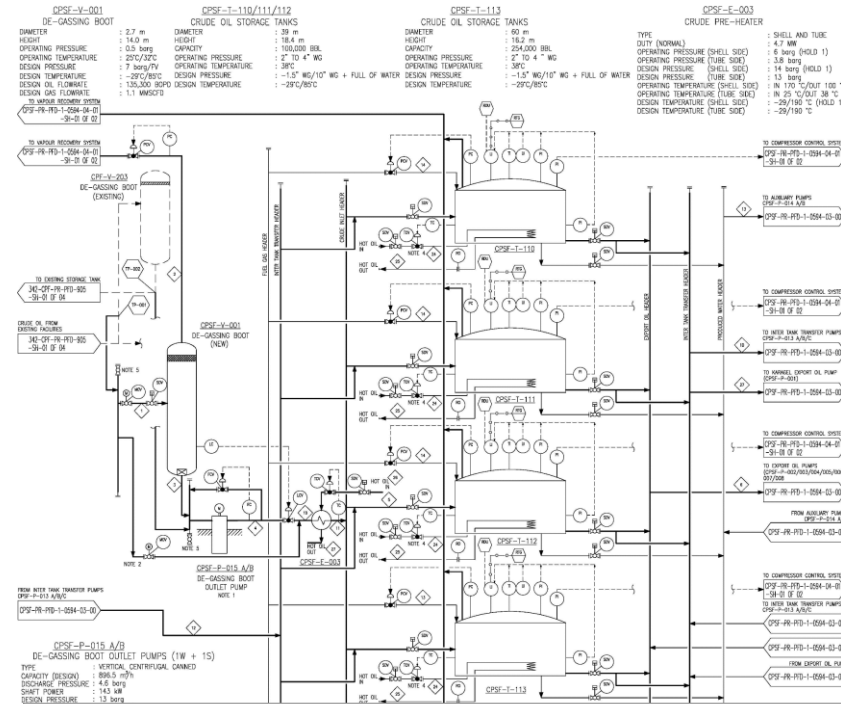


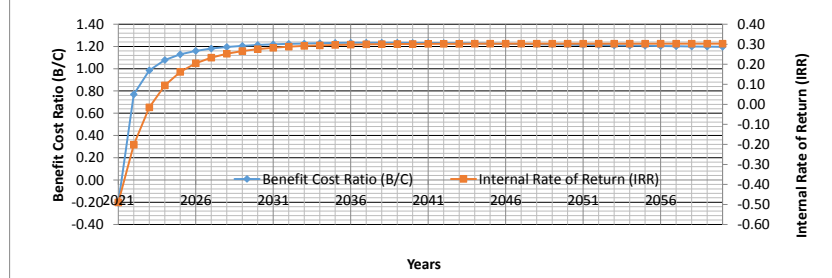
Malaysia Green Field Crude Oil Tank Farm for 5,350,000BBL

Description	Values	Unit
Work Start Year	2018	Years
Operating Year	2021	Years
Location of Tank Farm	Green Field	<-Green Field, Brown Field
Site and Contry for Project	Malaysia	
Sensitivity of Golobal Financial Crisis	0	Years- Active Crisis Year, Otherwise = 0
Assumed Product Storage Capacity	5,350,000	BBL
Storage Tank Capacity	850,582	m³
Required Electric Power(Diesel fired generator)	1.0007	MTPA
Power Supply System	14.55	MW
Power Supply Unit Price	0	0 for Power Outer Supply, 1 for Site Power Generation
Assumed Crude Oil Density	0.11	USD/kwh for Power Outer Supply only
Purchased Crude Oil Unit Cost	850	kg/m³
Tanker Speed	28.10	USD/BBL
Tanker Transportation Distance	16	Knots
Transportation Period	10000	km
Tanker Chatering Price per Day	32	Day
Transportation Crude Oil Cost	30,000	USD/day
Sale for Crude Oil Unit Price	2,732,303.49	USD/Year
Unit CAPEX ofCrude Oil Tank Farm	77.97	USD/BBL for Over Charge for 177.5% of Purchase Price
Yearly Purchased Crude Oil Cost	67	USD/BBL
Yearly Sale for Crude Oil Cost	153,067,303	USD/Year(including transportation)
Facilities Area	417,139,500	USD/Year
Crude Oil Storage Area	190,687	m²
Unit Space Acquisition Cost	96,162	m²
CAPEX of Area Acquisition Cost	16	USD/m² in Malaysia
CAPEX for Crude Oil Tank Farm	4,586,714	USD
CAPEX for Break Water Length is	359,216,612	USD - 삼억오천구백이십일만육천육백십이달러
CAPEX for SPM & PLEM of 350k DWT	0	USD 100,000USD/m
CAPEX for Berthing Dolphine	50,400,000	USD 144,000USD/k DWT
CAPEX for Trestle and Piers of Pipe x 42.00inch	0	USD 176,471k DWT
CAPEX for subsea Crude Oil	0	USD 14,273USD/m
CAPEX for onshore Crude Oil	33,134,809	USD 27,612USD/m
CAPEX for Transmission Line Length is	1,491,352	USD 1,491USD/m
Total CAPEX for Fabrication and Installation	1,788,338	USD -13.8Kv --Single Circui 1 - Circuit
Construction and Fabrication Period	450,617,825	USD - 사억오천육십일만칠천팔백이십오달러
Interest FEE during Construction and Fabrication	3	Years
TOTAL CAPEX AND INTREST FEE DURING CONSTRUCTION	33,796,337	USD
Fixed and Various OPEX	484,414,162	USD - 사억팔천사백사십일만사천일백육십이달러
Fund Interest	19,190,999	USD/Year
Return rate on investment of Net Profit, r	5	%
Operating Periods	0	%
Project Design Life	40	Years
Benefit Cost Ratio (B/C)	50	Years
IRR(Internal Rate of Return)	1.20	≥ 1.1 GOOD For 40Years Operating
NPV(Net Present Value)	30.30%	> 0 GOOD For 40Years Operating
Inflation of Crude Oil Purchased Price	4,913,616,502	USD with Asset value of Project for 40Years
1. Sale Cost of Stock Crude Oil is not applicable for Forecast Price after X-years from Crude Oil Purchasing Cost or Applicable.	0	%, If Inflation = 0, the Crude Oil Unit price shall be quoted Forecast Price, otherwise consider inflation based on 2021Years Sale Cost, If no consider Inflation, the value=10E-11
2. These Inflatons are only considered each year inflation based on initial cost of 78USD/BBL, Crude Oil Re-Sale Price Inflation to be considered in years(Increased	10Years	Year, 0 : Not Applicable, Year Number: Applicable of Sale for after each X-years from Crude Oil Purchasing Cost
	from 2021Years to 2023 Years	0 % from 1Years to 3 Years
	from 2024Years to 2027 Years	0 % from 4Years to 7 Years
	from 2028Years to 2030 Years	0 % from 8Years to 10 Years
	from 2031Years to 2035 Years	0 % from 11Years to 15 Years

LNG ONSHORE STORAGE TANK						
Storage	Nos of Tank	1 Nos-Storage	Diameters	Center Gap	Edge gap	Required Space
850,582m³	16	53,161.4m³	44.3m	0.5D	0.5D	96,162.0m²



MALAYSIA TANK FARM



Previous Inflation)	from 2036Years	to 2060 Years	0	%	from 16Years	to 40 Years
Income tax rate for government			15	%		
Inflation of Space Acquisition			1	%		
First Project residual value			286,512,217		USD after 10 Years	
Second Project residual value			118,136,006		USD after 30 Years	
Final residual value on Design Life			52,146,566		USD after 50 Years	
Net Payback Turn Over Periods			3.006		Years	

Actual Payback turn Over Years	14Years	14Years	해 찾기
Initial Value(min 0%, max 7.143%)	4.878%	4.878%	116,268,206 Good
Limit of Initial Value	≤ 7.143%	≤ 7.143%	

End of Year	①% of Return of Equity	②% of Return of FUND	③Return of Equity (USD)	④Return of FUND(USD)	⑤Remain Cost(USD)	⑥Fund Interest 5%(USD)	⑦OPEX(USD)	⑧Yearly Revenue(USD) W/ Inflation	⑨Yearly Purchased Price of Crude Oil(USD) W/ Inflation	⑩(순이익)Net Profit(USD)	⑪(현재자산가치)Asset value-Residual Value(USD)	⑫(순현재가치)Net Present Value	⑬Benefit Cost Ratio (B/C)	⑭(내부수익률)Internal Rate of Return (IRR)	
			20% of Equity	80% of FUND							⑪(현재자산가치)Asset value-Residual Value(USD)	⑫(순현재가치)Net Present Value		⑭(내부수익률)Internal Rate of Return (IRR)	
2021	1	4.88%	4.88%	4,725,992	18,903,967	484,414,162	24,220,708	19,190,999	443,653,208	153,067,303	190,012,603	430,668,662	-237,239,964	-0.21	-0.49
2022	2	5.23%	5.23%	5,063,563	20,254,251	460,784,203	23,039,210	19,190,999	459,306,417	305,506,637	73,313,994	411,459,280	-125,670,392	0.77	-0.20
2023	3	5.57%	5.57%	5,401,134	21,604,534	435,466,389	21,773,319	19,190,999	474,959,625	321,159,845	72,955,325	393,218,794	-12,834,931	0.99	-0.02
2024	4	5.92%	5.92%	5,738,704	22,954,817	408,460,722	20,423,036	19,190,999	490,612,833	336,813,053	72,668,390	375,870,837	101,350,815	1.08	0.09
2025	5	6.27%	6.27%	6,076,275	24,305,101	379,767,200	18,988,360	19,190,999	506,266,042	352,466,262	72,453,189	359,415,416	216,971,236	1.13	0.16
2026	6	6.62%	6.62%	6,413,846	25,655,384	349,385,824	17,469,291	19,190,999	521,919,250	368,119,470	72,309,721	343,406,502	334,110,726	1.16	0.20
2027	7	6.97%	6.97%	6,751,417	27,005,668	317,316,594	15,865,830	19,190,999	537,572,458	383,772,678	72,237,987	328,290,134	452,853,678	1.18	0.23
2028	8	7.32%	7.32%	7,088,988	28,355,951	283,559,509	14,177,975	19,190,999	553,225,667	399,425,887	72,237,987	313,620,283	573,284,484	1.20	0.25
2029	9	7.67%	7.67%	7,426,559	29,706,234	248,114,571	12,405,729	19,190,999	568,878,875	415,079,095	72,309,721	299,842,986	695,487,536	1.21	0.27
2030	10	8.01%	8.01%	7,764,129	31,056,518	210,981,778	10,549,089	19,190,999	584,532,083	430,732,303	72,453,189	286,512,217	819,547,229	1.21	0.28
2031	11	8.36%	8.36%	8,101,700	32,406,801	172,161,131	8,608,057	19,190,999	600,185,292	446,385,512	72,668,390	274,074,011	945,547,954	1.22	0.28
2032	12	8.71%	8.71%	8,439,271	33,757,084	131,652,629	6,582,631	19,190,999	615,838,500	462,038,720	72,955,325	262,082,344	1,073,574,103	1.22	0.29
2033	13	9.06%	9.06%	8,776,842	35,107,368	89,456,274	4,472,814	19,190,999	631,491,708	477,691,928	73,313,994	250,537,219	1,203,710,071	1.23	0.29
2034	14	9.41%	9.41%	9,114,413	36,457,651	45,572,064	2,278,603	19,190,999	647,144,917	493,345,137	73,744,397	239,438,642	1,336,040,249	1.23	0.29
2035	15	0.00%	0.00%	0	0	0	0	19,190,999	662,798,125	508,998,345	114,417,464	228,786,619	1,470,649,031	1.23	0.30
2036	16	0.00%	0.00%	0	0	0	0	19,190,999	678,451,333	524,651,553	114,417,464	219,027,185	1,605,257,812	1.23	0.30
2037	17	0.00%	0.00%	0	0	0	0	19,190,999	694,104,542	540,304,762	114,417,464	209,714,314	1,739,866,593	1.23	0.30
2038	18	0.00%	0.00%	0	0	0	0	19,190,999	709,757,750	555,957,970	114,417,464	200,401,981	1,874,475,374	1.23	0.30
2039	19	0.00%	0.00%	0	0	0	0	19,190,999	725,410,958	571,611,178	114,417,464	191,536,223	2,009,084,156	1.23	0.30
2040	20	0.00%	0.00%	0	0	0	0	19,190,999	741,064,167	587,264,387	114,417,464	183,117,044	2,143,692,937	1.23	0.30
2041	21	0.00%	0.00%	0	0	0	0	19,190,999	756,717,375	602,917,595	114,417,464	175,144,451	2,278,301,718	1.23	0.30
2042	22	0.00%	0.00%	0	0	0	0	19,190,999	772,370,583	618,570,803	114,417,464	167,618,449	2,412,910,500	1.23	0.30
2043	23	0.00%	0.00%	0	0	0	0	19,190,999	788,023,792	634,224,012	114,417,464	160,539,042	2,547,519,281	1.23	0.30
2044	24	0.00%	0.00%	0	0	0	0	19,190,999	803,677,000	649,877,220	114,417,464	153,460,207	2,682,128,062	1.23	0.30
2045	25	0.00%	0.00%	0	0	0	0	19,190,999	819,330,208	665,530,428	114,417,464	146,827,979	2,816,736,844	1.23	0.30
2046	26	0.00%	0.00%	0	0	0	0	19,190,999	834,983,417	681,183,637	114,417,464	140,642,365	2,951,345,625	1.22	0.30
2047	27	0.00%	0.00%	0	0	0	0	19,190,999	850,636,625	696,836,845	114,417,464	134,457,339	3,085,954,406	1.22	0.30
2048	28	0.00%	0.00%	0	0	0	0	19,190,999	866,289,833	712,490,053	114,417,464	128,718,939	3,220,563,188	1.22	0.30
2049	29	0.00%	0.00%	0	0	0	0	19,190,999	881,943,042	728,143,262	114,417,464	123,427,169	3,355,171,969	1.22	0.30
2050	30	0.00%	0.00%	0	0	0	0	19,190,999	897,596,250	743,796,470	114,417,464	118,136,006	3,489,780,750	1.22	0.30
2051	31	0.00%	0.00%	0	0	0	0	19,190,999	913,249,458	759,449,678	114,417,464	113,291,486	3,624,389,532	1.21	0.30
2052	32	0.00%	0.00%	0	0	0	0	19,190,999	928,902,667	775,102,887	114,417,464	108,447,584	3,758,998,313	1.21	0.30
2053	33	0.00%	0.00%	0	0	0	0	19,190,999	944,555,875	790,756,095	114,417,464	104,050,337	3,893,607,094	1.21	0.30
2054	34	0.00%	0.00%	0	0	0	0	19,190,999	960,209,083	806,409,303	114,417,464	99,653,721	4,028,215,876	1.21	0.30
2055	35	0.00%	0.00%	0	0	0	0	19,190,999	975,862,292	822,062,512	114,417,464	95,703,773	4,162,824,657	1.21	0.30
2056	36	0.00%	0.00%	0	0	0	0	19,190,999	991,515,500	837,715,720	114,417,464	91,754,469	4,297,433,438	1.20	0.30
2057	37	0.00%	0.00%	0	0	0	0	19,190,999	1,007,168,708	853,368,928	114,417,464	87,805,814	4,432,042,220	1.20	0.30
2058	38	0.00%	0.00%	0	0	0	0	19,190,999	1,022,821,917	869,022,137	114,417,464	84,303,847	4,566,651,001	1.20	0.30
2059	39	0.00%	0.00%	0	0	0	0	19,190,999	1,038,475,125	884,675,345	114,417,464	80,802,542	4,701,259,782	1.20	0.30
2060	40	0.00%	0.00%	0	0	0	0	19,190,999	1,054,128,333	900,328,553	114,417,464	77,747,938	4,835,868,564	1.20	0.30
2061	41	0.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0.00	0.00
2062	42	0.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0.00	0.00
2063	43	0.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0.00	0.00
2064	44	0.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0.00	0.00
2065	45	0.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0.00	0.00
2066	46	0.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0.00	0.00
2067	47	0.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0.00	0.00
2068	48	0.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0.00	0.00
2069	49	0.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0.00	0.00
2070	50	0.00%	0.00%	0	0	0	0	0	0	0	0	0	0	0.00	0.00

Summation	100%	100%	96,882,832	387,531,329	4,017,093,049	200,854,652	767,639,941	29,955,630,833	23,666,853,514	4,110,488,279	77,747,938	4,913,616,502	1.20	0.30	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Natural Gas Markets Prices and FSRU or Onshore LNG Terminal CAPEX is referred to David Carroll(President of the International Gas Union), 2016, "IGU World Gas LNG Report", LNG 18 Conference & Exhibition Edition, pp.52 to pp.53
CAPEX of Power types and Environmental Emissions are referred to U.S. Energy Information Administration, 2013, "Updated Capital Cost Estimates for Utility Scale Electricity Generating Plants", pp.2-10, Table 2-5 Technology Performance Specifications