PROJECT TITLE	Predicting Investment Feasibility in Perumda Establishment
PROJECT MANAGER	Marshitah Binti Azhar
GROUP NAME	Group 6
COMPANY NAME	The Gojess Sdn Bhd
DATE	25.11.2023

CaLculate Net Present Value (NPV)

Year		**0**	**1**	**2**	**3**	**4**	**5**
		Actuals	*Plan*	*Plan*	*Plan*	*Plan*	*Plan*
Cash Flows		$ (1,590,320,000)	$2,060,312,296	$2,163,327,911	$2,271,494,307	$2,385,069,022	$2,504,322,473
Discounted Rate (Risk)		6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
NPV (Formula)							
NPV (Manual)		$ (1,590,320,000)	$ 1,943,690,845	$ 1,925,354,139	$ 1,907,190,421	$ 1,889,198,059	$ 1,871,375,435
The higher the NPV, the better means the return from a project exceeds the cost of capital							

Net present value (NPV) the difference between the present value of cash inflows and the present value of cash outflows over a period of time.

$$\mathrm{NPV} = \frac{R_t}{(1+i)^t}$$

NPV = net present value
R_t = net cash flow at time t
i = discount rate
t = time of the cash flow

```
NPV (Manual)    =SUM(D9:J9)     =D7/(1+$B$8)^(D3-$C$3)   ^ (raised denominator)
NPV (Formula)   =NPV(B8,D7:J7)
```

$7,496,687,642	
$7,946,488,900.26