

**NPV,IRR, NET B/C Ratio PLTA MAUNG PT. Indonesia Power**

Asumsi 1\$= 13.382  
dalam juta Rupiah

Usia	Capital	Cost			Total Cost	Benefit	DF	Capital	Cost	Benefit	Net Benefit
		Pemeliharaan	Operational	Total Operasional			10.69%				
0	<b>Rp4,014,600</b>	Rp0	Rp0	Rp0	<b>Rp0</b>	<b>Rp0</b>	1	Rp4,014,600	Rp0	Rp0	-Rp4,014,600
1	<b>Rp1,672,750</b>	Rp100	Rp68,900	Rp98,700	<b>Rp167,700</b>	<b>Rp60,140</b>	0.90342	Rp1,511,189	Rp151,503	Rp54,331	-Rp1,608,360
2	<b>Rp1,003,650</b>	Rp180	Rp88,900	Rp195,260	<b>Rp284,340</b>	<b>Rp112,578</b>	0.81616	Rp819,139	Rp232,067	Rp91,882	-Rp959,324
3	<b>Rp0</b>	Rp287	Rp99,600	Rp289,480	<b>Rp389,367</b>	<b>Rp532,800</b>	0.73733	Rp0	Rp287,093	Rp392,850	Rp105,758
4	<b>Rp0</b>	Rp0	Rp103,000	Rp488,780	<b>Rp591,780</b>	<b>Rp1,799,642</b>	0.66612	Rp0	Rp394,195	Rp1,198,772	Rp804,578
5	<b>Rp0</b>	Rp338	Rp110,000	Rp662,590	<b>Rp772,928</b>	<b>Rp4,487,308</b>	0.60178	Rp0	Rp465,133	Rp2,700,375	Rp2,235,242
6	<b>Rp0</b>	Rp322	Rp118,500	Rp810,720	<b>Rp929,542</b>	<b>Rp4,787,047</b>	0.54366	Rp0	Rp505,353	Rp2,602,517	Rp2,097,164
7	<b>Rp0</b>	Rp0	Rp128,280	Rp937,960	<b>Rp1,066,240</b>	<b>Rp8,184,432</b>	0.49115	Rp0	Rp523,683	Rp4,019,778	Rp3,496,095
8	<b>Rp0</b>	Rp0	Rp137,340	Rp2,830,150	<b>Rp2,967,490</b>	<b>Rp4,382,605</b>	0.44371	Rp0	Rp1,316,711	Rp1,944,615	Rp627,904
9	<b>Rp0</b>	Rp0	Rp142,710	Rp2,615,260	<b>Rp2,757,970</b>	<b>Rp4,582,639</b>	0.40086	Rp0	Rp1,105,550	Rp1,836,980	Rp731,430
10	<b>Rp0</b>	Rp0	Rp147,390	Rp2,658,400	<b>Rp2,805,790</b>	<b>Rp6,113,235</b>	0.36214	Rp0	Rp1,016,089	Rp2,213,847	Rp1,197,758
11	<b>Rp0</b>	Rp2,409	Rp153,410	Rp2,918,550	<b>Rp3,074,369</b>	<b>Rp5,406,328</b>	0.32716	Rp0	Rp1,005,820	Rp1,768,750	Rp762,931
12	<b>Rp0</b>	Rp12,620	Rp164,780	Rp2,702,180	<b>Rp2,879,580</b>	<b>Rp4,543,189</b>	0.29556	Rp0	Rp851,101	Rp1,342,804	Rp491,703
13	<b>Rp0</b>	Rp6,678	Rp172,520	Rp2,843,910	<b>Rp3,023,108</b>	<b>Rp7,101,827</b>	0.26702	Rp0	Rp807,222	Rp1,896,311	Rp1,089,089
14	<b>Rp0</b>	Rp0	Rp180,650	Rp2,658,240	<b>Rp2,838,890</b>	<b>Rp6,486,418</b>	0.24123	Rp0	Rp684,819	Rp1,564,703	Rp879,885
15	<b>Rp0</b>	Rp0	Rp199,180	Rp2,838,460	<b>Rp3,037,640</b>	<b>Rp5,581,409</b>	0.21793	Rp0	Rp661,989	Rp1,216,350	Rp554,361
16	<b>Rp0</b>	Rp29,579	Rp215,910	Rp2,797,100	<b>Rp3,042,589</b>	<b>Rp7,190,847</b>	0.19688	Rp0	Rp599,026	Rp1,415,737	Rp816,711
17	<b>Rp0</b>	Rp0	Rp224,270	Rp2,934,340	<b>Rp3,158,610</b>	<b>Rp6,077,804</b>	0.17786	Rp0	Rp561,806	Rp1,081,027	Rp519,222
18	<b>Rp0</b>	Rp0	Rp248,630	Rp3,187,220	<b>Rp3,435,850</b>	<b>Rp6,978,235</b>	0.16069	Rp0	Rp552,093	Rp1,121,304	Rp569,211
19	<b>Rp0</b>	Rp0	Rp269,440	Rp3,401,050	<b>Rp3,670,490</b>	<b>Rp8,358,298</b>	0.14517	Rp0	Rp532,831	Rp1,213,342	Rp680,511
20	<b>Rp0</b>	Rp0	Rp289,710	Rp3,836,770	<b>Rp4,126,480</b>	<b>Rp8,855,820</b>	0.13115	Rp0	Rp541,169	Rp1,161,400	Rp620,231
<b>Total</b>	<b>6691000</b>				<b>Rp45,020,753</b>			<b>Rp6,344,928</b>	<b>Rp12,795,251</b>	<b>Rp30,837,676</b>	<b>Rp11,697,498</b>
<b>NPV</b>											<b>6,691,000</b>
<b>IRR</b>											<b>0.253</b>
<b>Net BC Ratio</b>											<b>1.058</b>



