

DAFTAR ISI

HALAMAN JUDUL.....	i
DAFTAR ISI.....	v
DAFTAR TABEL.....	vii
DAFTAR GAMBAR	viii
ABSTRAK.....	ix
<i>ABSTRACT</i>	x
BAB I PENDAHULUAN.....	I-1
1.1 Latar Belakang	I-1
1.2 Perumusan Masalah.....	I-2
1.3 Batasan dan Asumsi Penelitian	I-3
1.4 Tujuan Penelitian.....	I-3
1.5 Manfaat Penelitian.....	I-4
1.6 Sistematika Penulisan.....	I-4
BAB II STUDI PUSTAKA.....	II-1
2.1 Pengertian Kelayakan	II-1
2.2 Pengertian Investasi	II-2
2.3 <i>Direct Purchase</i>	II-3
2.4 <i>Revenue</i>	II-3
2.5 <i>Bill of Quantity</i> (BoQ).....	II-5
2.5.1 Modul Surya	II-5
2.5.2 Inverter	II-7
2.5.3 Kabel penghantar	II-8
2.5.4 Alat proteksi	II-9
2.5.5 <i>Combiner box</i>	II-10
2.5.6 <i>Mounting sistem</i>	II-10
2.6 Analisa Kelayakan Investasi	II-11
2.6.1 <i>Levelized Cost of Energy</i> (LCOE)	II-11
2.6.2 <i>Net Present Value</i> (NPV)	II-13
2.6.3 <i>Internal Rate of Return</i> (IRR).....	II-14
2.6.4 <i>Profitability Index</i> (PI)	II-15
2.6.5 <i>Discounted Payback Period</i> (DPP)	II-15

BAB III METODE PENELITIAN.....	III-1
3.1 Objek Penelitian	III-1
3.2 Pengumpulan Data	III-1
3.3 Kerangka Penelitian	III-1
3.4 Pengolahan Data.....	III-4
3.5 Analisis Hasil	III-7
 BAB IV HASIL DAN PEMBAHASAN	IV-1
4.1 Pengumpulan data	IV-1
4.1.1 Lokasi Gudang Karawaci	IV-1
4.1.2 Atap Gudang Karawaci	IV-1
4.1.3 <i>Layout</i> Gudang Karawaci	IV-2
4.1.4 Biaya dan beban kelistrikan Gudang Karawaci.....	IV-3
4.2 Pengolahan Data.....	IV-3
4.2.1 Kapasitas PLTS	IV-4
4.2.2 Perancangan PLTS atap di Gudang Karawaci	IV-4
4.2.3 Simulasi perancangan PLTS atap	IV-8
4.2.4 <i>Bill of Quantity</i> (BOQ)	IV-8
4.2.5 Analisa kelayakan investasi.....	IV-13
4.2.5.1 <i>Levelized cost of energy</i> (LCOE)	IV-13
4.2.5.2 <i>Net present value</i> (NPV)	IV-15
4.2.5.3 <i>Internal rate of return</i> (IRR)	IV-17
4.2.5.4 <i>Profitability Index</i> (PI)	IV-18
4.2.5.5 <i>Discounted payback period</i> (DPP)	IV-19
4.3 Analisis Hasil	IV-20
4.3.1 <i>initial investment</i>	IV-20
4.3.2 Analisa kelayakan investasi.....	IV-21
 BAB V PENUTUP.....	V-1
5.1 Kesimpulan.....	V-1
5.2 Saran	V-1