

LIST OF FIGURES

Figure I- 1 Presidential Regulation No. 5 Year 2006	1
Figure I- 2 Energy Consumption for Electricity and Its Share	2
Figure I- 3 Electrification Rate for Banten Province in 2021	4
Figure I- 4 Greenhouse Gas Emission Projection	6
Figure I- 5 Cikamunding MHPP Project Site.....	8
Figure I- 6 Catchment Area of Cikamunding MHPP	8
Figure III- 1 Conceptual Model	24
Figure IV- 1 Working Principles of the MHPP	36
Figure IV- 2 Climate Data at Lebak Station.....	37
Figure IV- 3 Rainfall Data of Lebak Regency in 2023	38
Figure IV- 4 Daily Flow of Cibareno River	39
Figure IV- 5 Drawing of General Low Pressure Conduit used for MHPP	40
Figure IV- 6 Proposed Headpond, Powerhouse, and Penstock Alignment	44
Figure IV- 7 Types of Water Turbine	45
Figure IV- 8 Location and Topography Map of Cikamunding MHPP.....	53
Figure IV- 9 Cikamunding MHPP Location	54
Figure IV- 10 The Feeder Distribution of PT PLN South Banten Area	55
Figure IV- 11 Alternative Point of Connection for Cikamunding MHPP	56
Figure IV- 12 The Comparison of Three Transmission Alternatives for Cikamunding MHPP.	57
Figure IV- 13 Cikamunding MHPP Location in Topography Map.....	87
Figure IV- 14 Interconnection Map of Cikamunding MHPP.....	88