

LIST OF ABBREVIATIONS

HEMS	Home Energy Management System
PLTS	Solar Power Plant
CoE	Cost of Energy
NPC	Net Present Cost
PV	Photovoltaic
IRENA	The International Renewable Energy Agency
G-20	Group of Twenty
RUPTL	Electricity Supply Business Plan
PLN	State Electricity Company of Indonesia
Perpres	Regulation of the President of the Republic of Indonesia
RI	Republic of Indonesia
E-commerce	Electronic Commerce
kW	KiloWatt
kWh	KiloWatt hours
MWh	MegaWatt Hours
Wp	Watt-peak
PLH	Hybrid Power Generation
TDL	Electricity Basic Tariff
L/s	Liter/second
ICPEI	International Conference on Power, Energy and Innovations
PSO	Particle Swarm Optimization
FLC	Fuzzy Logic Control
ICETIR	International Conference on Engineering, Technology and Innovative Researches.
VA	Volt Ampere
W	Watt
JTIM	Journal of Information Technology and Multimedia
AMI	Advanced Metering Infrastructure

LIST OF ABBREVIATIONS

AC	Alternating Current
DC	Direct current
LC Filter	Filter combines inductors (L) and capacitors (C)
SHS	Solar Home System
AMI	Advanced Metering Infrastructure
NREL	National Renewable Energy Laboratory
MRI	Midwest Research Institute
DOE	Department of Energy
BPP	Cost of supply
Permen	Regulation of the Minister of the Republic of Indonesia
Persero	limited liability company
Ah	Ampere hours
VRLA	Valve Regulated Lead Acid
MPPT	Maximum Power Point Tracking
UPS	Uninterruptible Power Supply
IDR	Indonesia rupiah
B-1/TR	Houses with a power of 450 VA to 5,500 VA
TAC	Total Annualized Cost
DOD	Deep Of Discharge