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ABBREVIATIONS

A_a	=	Aperture area
A_r	=	Receiver area
AUES	=	Altai-Uliastain Energy System
BCR	=	Benefit to cost ratio
C	=	The concentration ratio
$^{\circ}\text{C}$	=	Unit of degree Celsius
CES	=	Central Energy System
CDM	=	Clean Development Mechanism
CHP	=	Coal-fired heat power plant
CSP	=	Concentrated Solar Power
DNI	=	Direct Normal Irradiance
E	=	East
EES	=	Eastern Energy System
ERA	=	Energy Regulatory Authority of Mongolia
FIT	=	Feed-In Tariffs
G_{sc}	=	Solar constant
G_{on}	=	The extraterrestrial radiation
G_{cnb}	=	Clear sky beam radiation
HPP	=	Hydro power plant
IRR	=	Internal rate of return
km	=	Kilometer
kV	=	Kilovoltage
kWh	=	Kilowatthour
LCOE	=	Levelized costs of electricity
m	=	Meter
m^2	=	Squaremeter
m^3	=	Cubicmeter
MW	=	Migawatt
N	=	North

ABBREVIATIONS (CONT.)

NAMEN	=	National Agency for Meteorology and Environment Monitoring
NPV	=	Net present value
O&M	=	Operation and maintenance
PBP	=	Payback period
P_{elec}	=	Power output
S	=	South
t_s	=	Solar time
U_L	=	Overall Heat loss coefficient
W	=	Western Energy System
WES	=	West
α_s	=	Solar altitude angle
β	=	Slope
γ	=	Surface azimuth angle
γ_s	=	Solar azimuth angle
δ	=	Declination
$\eta_{thermal}$	=	The thermal efficiency
θ	=	Angle of incidence
θ_z	=	Zenith angle
τ_b	=	The atmosphere transmittance for beam radiation
φ	=	Latitude
ω	=	Hour angle
ω_s	=	Sunset hour angle
%	=	Percent
\$c	=	US dollarcent (currency)
€c	=	Eurocent (currency)