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FINAL PROJECT

OPTIMIZATION OF PHOTOVOLTAIC (PV) HOSTING CAPACITY IN 20 KV DISTRIBUTION SYSTEM USING GREY WOLF OPTIMIZER (GWO) ALGORITHM

By:
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APPLIED BACHELOR'S DEGREE PROGRAM
ELECTRICAL ENGINEERING TECHNOLOGY
DEPARTMENT OF ELECTRICAL ENGINEERING AND INFORMATICS
VOCATIONAL COLLEGE
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Final Project
Electrical Engineering Technology Study Program

Submitted to fulfill one of the requirements for obtaining an Applied Engineering Bachelor's Degree in Electrical Engineering Technology Study Program Department of Electrical Engineering and Informatics Vocational College Universitas Gadjah Mada

By:
SYAH RIDHO NATIQOH
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APPROVAL PAGE

FINAL PROJECT

Title	:	Optimization of Photovoltaic (PV) Hosting Capacity in 20 kV Distribution System Using Grey Wolf Optimizer (GWO) Algorithm
Name	:	Syah Ridho Natiqoh
Study Program	:	Electrical Engineering Technology
Supervisor	:	Dr. Ir. Atikah Surriani, S.T., M.Eng
Examination Schedule	:	Wednesday, May 13, 2026. Room CM 102, at 09:00 WIB

Has been reviewed and evaluated by the Examination Committee and approved and certified as a requirement for completion of the Applied Bachelor's Degree Program in Electrical Engineering Technology Vocational College Universitas Gadjah Mada

Yogyakarta, May 13, 2026

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