**EE463-HW3**

# Understanding Power and Controlled Rectifiers

Preparers:

Onur Toprak

Çağlar Umut Özten

# Introduction

# Question 1- Active Power Creation

## a-)

## b-)

# Question 2- Single Phase Controlled Rectifier

## a-)

## b-)

## c-)

# Question 3- Alternative Rectifier Topologies

## a-)

## b-)

# Conclusion