



Arab Academy for Science, Technology and Maritime Transport

College of Engineering and Technology

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Irrigation system combined with solar panel

Presented By:

Ibrahim Mohamed Ibrahim

Marko Emad Abdou Amin

Mohmed Ayman Kassem

Ahmed Sharif Gamal

Ahmed Sameh Tawifk

Abdel-Rahmen Mohamed Al-said

Supervised By:

Prof . Kamal Abdelaziz

Prof. Ayman Bakry

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DECLARATION

Solar-powered water pumping systems can find application in town water supply, livestock watering and irrigation. Solar-powered irrigation system is an application of solar-powered water pumping system used in paddy fields, gardens for watering the plants, vegetables, etc.

Student Name: Marko Emad Abdou
Registration Number: 17100222

Signed: _____

Date: 06-07-2022

Student Name: Mohamed Ayman Kassem
Registration Number: 16104285

Signed: _____

Date: 06-07-2022

Student Name: Ahmed Sameh Tawfik
Registration Number: 17100637

Signed: _____

Date: 06-07-2022

Student Name: Ibrahim Mohamed Ibrahim
Registration Number: 14100278

Signed: _____

Date: 06-07-2022

Student Name: Ahmed Sherif Gamal
Registration Number: 16100792

Signed: _____

Date: 06-07-2022

Student Name: Abdel-Rahman Al-Said
Registration Number: 12101412

Signed: _____

Date: 06-07-2022

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By:

Ibrahim Mohamed Ibrahim

Marko Emad Abdou Amin

Mohmed Ayman Kassem

Ahmed Sharif Gamal

Ahmed Sameh Tawifk

Abdel -rahmen Mohamed Al-Said

Chapter	Title	Contributors
1	Introduction	Mohmed Ayman Kassem
2	Theoretical analysis	Marko Emad Abdou Ibrahim Mohamed Ibrahim
3	Component	Ahmed Sherif Gamal Ahmed Sameh Tawifk
4	Conclusion	Abdel-rahmen Mohamed

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Abstract

Cost effective solar power can be the answer for all our energy needs. Solar powered smart irrigation systems are the answer to the Egyptian farmer. This system consists of solar powered water pump. It is the proposed solution for the present energy crisis for the Egyptian farmers. This system conserves electricity by reducing the usage of grid power and conserves water by reducing water losses.

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