



**NEW HORIZON**  
COLLEGE OF ENGINEERING

Department of Electrical and Electronics Engineering

# TEDx Talk

(RECORDED)

**Welcome to the Era of Energy Disruption**

## Section A

📅 10 April 2025

🕒 02:00 PM - 03:00 PM

📍 Room No: B-203

👥 V ISem

Speaker: Mr. Gerard Reid

## Section B

📅 10 April 2025

🕒 11:00 AM - 12:00 PM

📍 Room No: B-204

👥 V ISem

Speaker: Mr. Gerard Reid



Faculty Coordinator

**Ms. Kavitha C H**

Senior Assistant Professor - EEE

Convenor

**Dr. Sakthivel Aruchamy**

HoD - EEE



## “Welcome to the Era of Energy Disruption”

-Gerald Reid

Date: 10 April 2025

Venue: B203

Timings: 02:00PM – 03:00PM

Faculty Coordinator

Prof. Kavitha C.H

# TEDx





-Gerard Reid

Gerard Reid is a leading expert and financier in the energy transition world, widely recognized for his insights at the intersection of finance, technology, and regulation. As the co-host of the popular Redefining Energy podcast, he explores how these forces are reshaping the global energy landscape. With over 20 years of experience in finance and a following of more than 175,000, Gerard advises Senior Industry Leaders, Policymakers, and Investors.

Reid is a key member of the Energy Transition Forum Leadership and the co-founder of several companies, including Alexa Capital. Renowned for his passion for sustainable innovation, Gerard frequently offers strategic advisory services and delivers impactful talks to inspire transformative solutions. This talk was part of a TEDx event organized independently in the spirit of TED's mission of "ideas worth spreading."

## Summary

"Welcome to the Era of Energy Disruption" is a compelling presentation that explores how solar power, battery technology, and energy intelligence are revolutionizing the global energy landscape. Gerard Reid highlights China's pivotal role in scaling clean technologies and driving costs down, enabling wider global adoption. The talk outlines key trends such as the accelerating deployment of solar energy, rapid innovation in battery storage, and the growing influence of smart energy systems. Reid forecasts a major shift in global wealth from fossil fuels to renewables, envisioning a future where the Global South, rich in solar potential and rising energy demand, can leapfrog traditional, centralized energy models and embrace decentralized, sustainable solutions.

In his presentation “Welcome to the Era of Energy Disruption,” Gerard Reid explores how solar energy, battery advancements, and energy intelligence are transforming the global energy system.

He emphasizes China’s key role in accelerating clean technology adoption and predicts a major shift in global wealth from fossil fuels to renewables. Reid also highlights how the Global South, with its abundant solar resources and rising energy needs, has the potential to leapfrog traditional energy pathways and lead in the renewable energy era.







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## Department of Electrical & Electronics Engineering TEDx Talk -Report 2024-25

Sem/Sec	Room Number Faculty Coordinator	Date	Time	Topic	Link
VI/A	B-204 Prof.Kavitha.C H	10.4.2025	3.00pm- 4.00pm	Welcome to the Era of Energy Disruption   Gerard Reid   TEDxBerlinSalon	<a href="https://www.youtube.com/watch?v=VXwGvLj4rak&amp;t=21s">https://www.youtube.com/watch?v=VXwGvLj4rak&amp;t=21s</a>

NAME:	Chayam.D.S. Yathishkumar.D.R
USN:	1NH23EE403 410
SEMESTER/SECTION:	6th / A
SIGNATURE OF STUDENT:	Yathish.D.R (Chayam)

### TEDx Talk Report

In the TEDx talk, Gerard Reid explains how the way we produce and use energy is changing fast. He talks about 4 big reasons for this change. 1. Solar energy is getting cheaper & more powerful. 2. Batteries are improving, so we can store energy better. 3. Electronics are helping us use energy more smartly & efficiently. 4. China is leading in making & using clean energy technologies. Overall he says we are moving away from fossil fuels & entering a new era where clean & smart & affordable energy is becoming the norm.



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NAME:	G.R. Yashwanth
USN:	1NH22EE045
SEMESTER/SECTION:	6A
SIGNATURE OF STUDENT:	G.R. Yashwanth

### TEDx Talk Report

Gerard Reid is a leading expert & financier in energy transition, with over 175K followers & more than 20 years of experience in finance, Gerard advises top industry leaders etc.  
He talks about:

- ① Rapid Advancement of solar technology
- ② Revolution in Battery Technology
- ③ Emergence of Energy intelligence
- ④ China's leadership in Clean Energy
- ⑤ Shift in Global Energy Investment





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NAME: <u>PONITH KUMAR.D ANDREJU V. KIRAN</u>
USN: <u>19H03EE107, 100, 108</u>
SEMESTER/SECTION: <u>VI<sup>th</sup> 'A'</u>
SIGNATURE OF STUDENT: _____

### TEDx Talk Report

# The Point is about the Batteries how the technology is going on and the cost of the batteries increases Year to Year. # Solar Energized technology which is TESLA where it come with latest Energized panel. The future of Energy is increasing Year to Year & Scale always. # Electrification installation and it cannot be recycled. # Electrify global Energy System it is low cost., it is very difficult to install.

# The global South has changed.



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NAME: AKSHAT CHOPRA

USN: 1NH22EE010

SEMESTER/SECTION: 6-A

SIGNATURE OF STUDENT: *Akshat Chopra*

### TEDx Talk Report

Primary drivers were outlined namely four of them consisting of solar, battery, Energy Intelligence and China's Leadership.

Rapid advancements of solar power, global power output. Lithium ion batteries has revolutionized energy storage used massively in EV. Advancements in connectivity, software and AI.. China's significant role in energy revolution and leadership.





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Department of Electrical & Electronics Engineering

## ATTENDANCE SHEET

Event: Welcome to the Era of Energy Disruption

Date:   /  /  

S. No.	Name of Participant	Student / Staff	Department	Signature
1	BARU. TEJESH	Student	EEE	B. Tejesh
2	Pavan Kumar M	Student	EEE	Pavan
3	Dhananjaya. A	Student	EEE	Dhananjaya
4	R. Kiran Kumar	Student	EEE	R. Kiran
5	Ponith Kumar. D	Student	EEE	Ponith
6	Adarsh V	Student	EEE	Adarsh
7	Aniket. N. misri	Student	EEE	Aniket
8	CHARAN. D.S	Student	EEE	Charan
9	YATHISH KAMAR. D.R	Student	EEE	Yathish
10	Dhanyashree. S	Student	EEE	Dhanyashree
11	Gowthami. K	Student	EEE	Gowthami
12	Aishwarya. C.S	Student	EEE	Aishwarya
13	Deepthi. R	Student	EEE	Deepthi
14	Bhavana. C	Student	EEE	Bhavana
15	Chandini. N	Student	EEE	Chandini
16				
17				

Sign. of Coordinator(s): Ch. Karan  
Name of Coordinator(s): Ch. Karan

Sign. of Head: [Signature]  
Name of Head: Dr. SAKTHIVEL A



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18	Dinakar, K.L.	Student	EEE	<i>[Signature]</i>
19	Bharath Kumar	Student	EEE	<i>[Signature]</i>
20	Dhanesh	Student	EEE	<i>[Signature]</i>
21	AKSHAT CHOPRA	Student	EEE	<i>[Signature]</i>
22	Aditya Prasad	Student	EEE	<i>[Signature]</i>
23	Abhishek	Student	EEE	<i>[Signature]</i>
24	Abhinav. A. Gowda	Student	EEE	<i>[Signature]</i>
25	Basavaprabhu. K. Kumbhar	Student	EEE	<i>[Signature]</i>
26	Chethan. S	Student	EEE	<i>[Signature]</i>
27	Charan. Kona	Student	EEE	<i>[Signature]</i>
28	Aditya Narayan Sasmal	Student	EEE	<i>[Signature]</i>
29	Iqra Bashir	Student	EEE	<i>[Signature]</i>
30	Achutha E.B	Student	EEE	<i>[Signature]</i>
31	AASHISH THOMAS OOMMEN	STUDENT	EEE	<i>[Signature]</i>
32	Bhuvan. R	STUDENT	EEE	<i>[Signature]</i>
33	G.R. Yashwanth	Student	EEE	<i>[Signature]</i>
34				
35				
36				
37				
38				

Sign. of Coordinator(s) : *[Signature]*  
Name of Coordinator(s): *Ch. Laksh*

Sign. of Head: *[Signature]*  
Name of Head: *Dr. Sankarvel D*