



Rethinking Energy
Solutions for
Lebanon: Toward
Stable and
Sustainable Supply

SERMED

Responsible
Solutions

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The Core Challenges



Only 4-6 hrs/day

EDL delivers less than a quarter of daily power needs – leaving homes and businesses in the dark.



\$0.27-

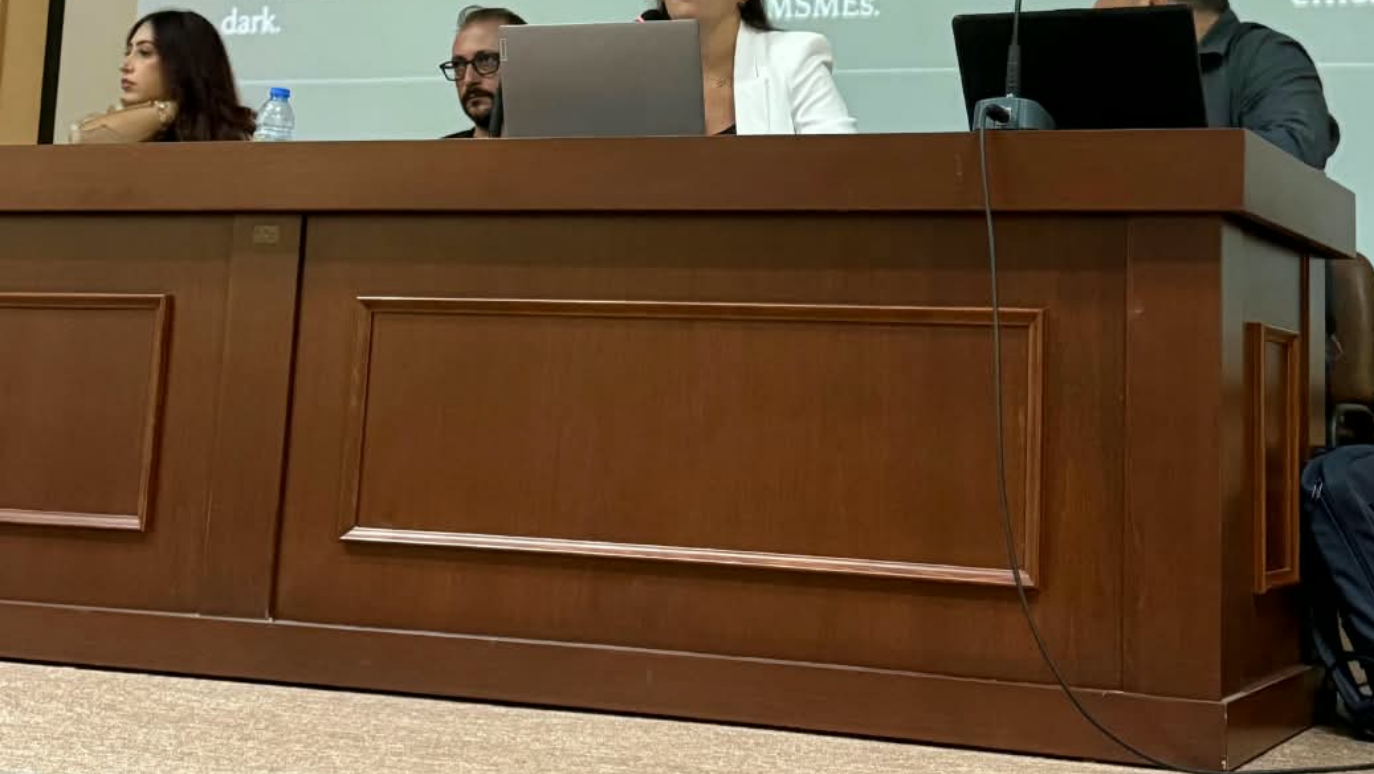
\$0.65/kWh

Private diesel generators fill the gap at more than 4x the cost – crippling households, industries, and MSMEs.



20+ Years Stalled

Law 462/2002 not implemented – competitive market efficiency standards









SERMED X LEBANESE UNIVERSITY

Powering Through the Crisis

Practical Energy Efficiency and Solar in Lebanese Industry

Joyce Saade



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THE CHALLENGE
Lebanon's Energy Insecurity

2-4 hrs

of state grid power per day in most
areas, 2024

97%

of Lebanon's energy is imported

~50%

of national debt linked to the power
sector

20%

of Lebanon's CO₂ emissions are from
power generation

\$1.40/L

cost of diesel which has doubled since
beginning of 2024

\$0.50/kWh

last month's difference between EDC
and generators



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20+ Years

Stalled

Law 162/2002 never implemented – no regulator, no competitive market, no binding efficiency standards.

