

# The stand-alone plan to stop coal in emerging markets

Zero Emissions Conference  
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The logo for Differ, featuring the word "DIFFER" in a bold, black, sans-serif font. The letter "I" is stylized with a green vertical bar on its right side. The logo is set against a white rectangular background.

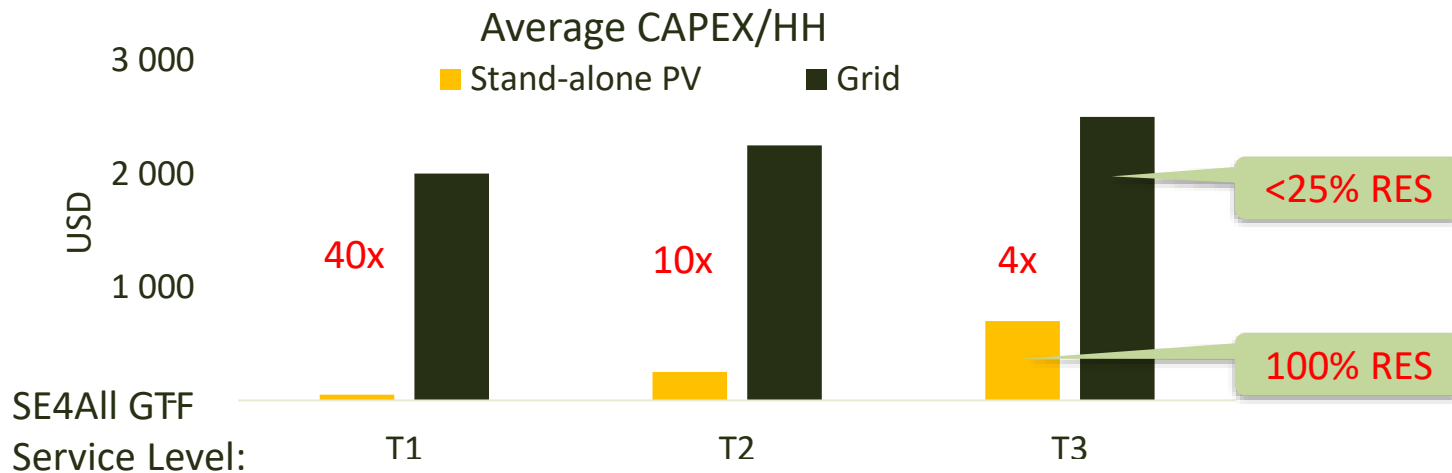
**DIFFER**

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# The current energy access plan is suboptimal

– both for financial and carbon budgets

- > **IPCC:** Carbon budget running out fast
- > **SDG 7.1:** 1.3 bn people to get access to electricity by 2030
- > **New baseline:** With no subsidies, stand-alone solar PV + battery is by far the cost effective option for nearly all of these

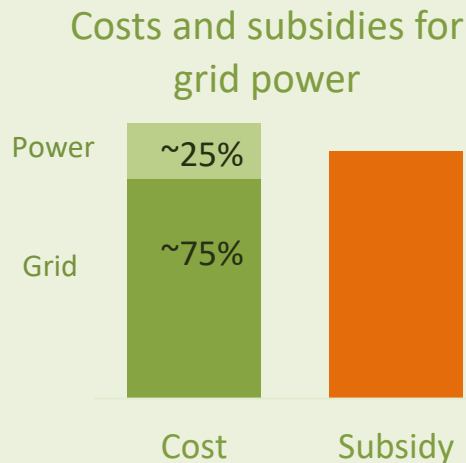


IEA New Policies Scenario still expects:  
> 40% of new power generation by 2030 to be fossil  
**WHY?**

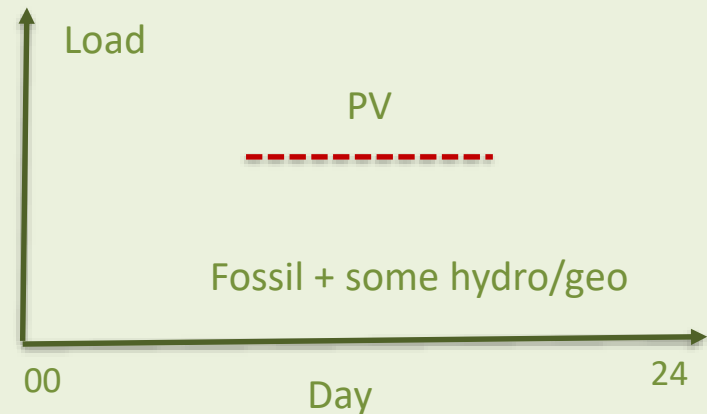
# Building grid = Stimulating coal power

## Current plan (IEA NPS): ~80% grid and mini-grids

Building grid requires **large subsidies for grid development** - draining public funds



Only after the grid is built, coal beats PV+battery



**New coal built as base-load**

***Grid extensions are locking in coal for the long term  
Should subsidies for grid also classify as fossil fuel subsidies?***

# The two-step stand-alone action plan

1

Increase the share of stand-alone solutions in rural electrification plans and SKIP planned coal power plants



*Reduced need for new grid and coal power!  
Enormous grid subsidies saved!  
More people get energy access !*

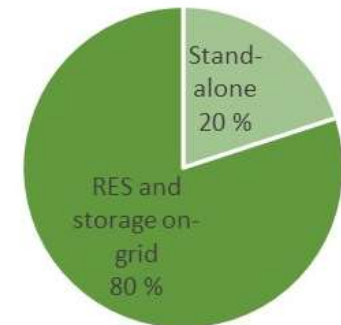
2

Redirect grid subsidies saved into incentives to SWITCH planned coal to RES and energy storage on the remaining grid



*More renewables!  
..and less coal!*

Use of saved grid subsidies



- > **Achieving “Energy Access for all” (SDG. 7.1)**
  - With substantial contributions also towards other SDGs



+

- > **Avoiding to build and lock in coal for the long term**
  - Large share of households with 100% renewable energy
  - Higher share of renewables on a smaller grid



- > **With the same amount of public funding!**



SKIP & SWITCH

Sounds like a plan!

**DIFFER**