

# Energenius

Structured AI. Smarter Insights. Lower Cost.

By: Chinwendu Iwuorie, Shanthan Reddy, Iyneshdurai S, Ramkumar R

Built with: Copilot Studio · Power BI · Power Automate · Teams

Team Energenius | Microsoft Reactor Hackathon 2025



# Data-rich, Insight-poor: A Modern Grid Challenge



## Fragmented energy dashboards

Missed cost-saving opportunities



## Manual reporting & slow decisions

Operator inefficiency



## AI unreliability

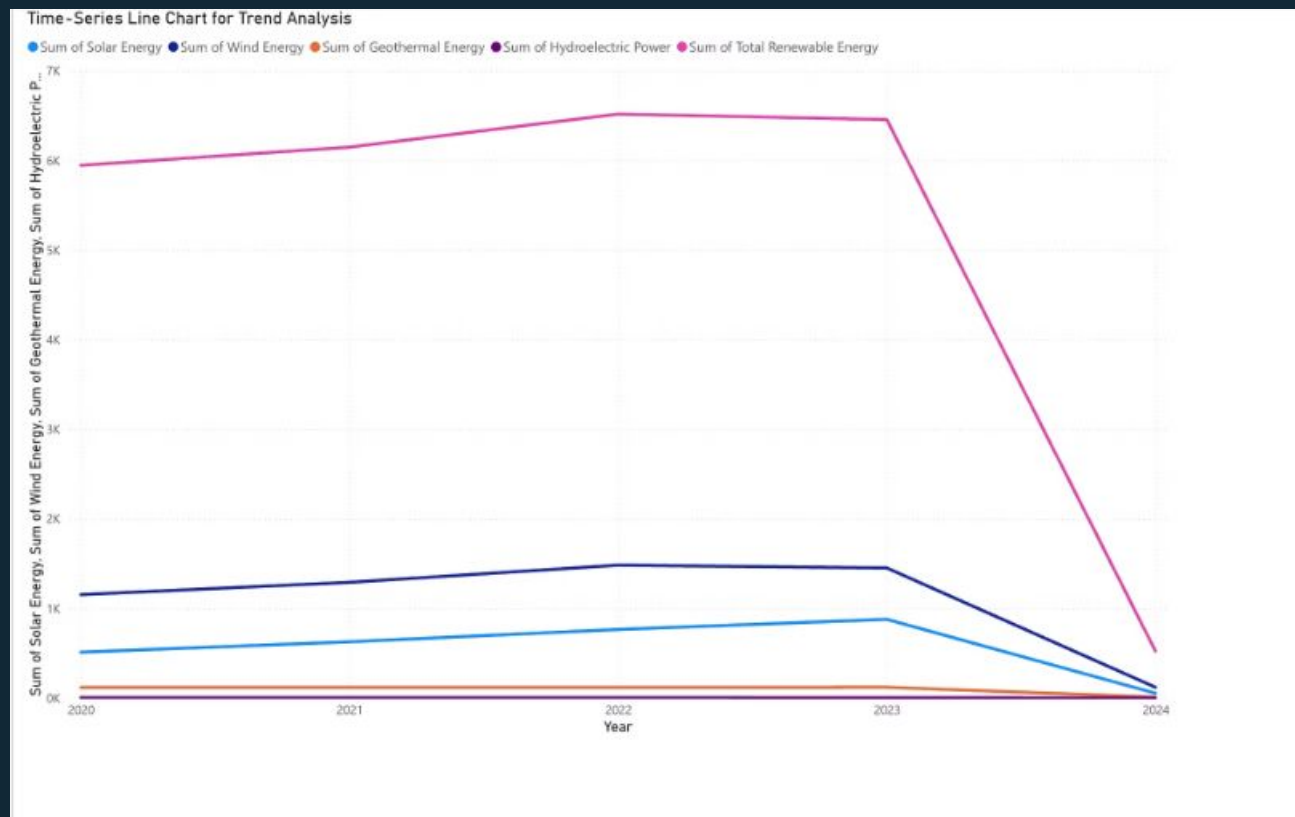
Hallucinated answers = business risk



## Renewable waste

Underused clean energy capacity

# A Declarative AI Copilot Built for Action, Not just Chat



## Key Value Props

- Structured queries from curated datasets
- Power BI-powered insights in seconds
- Automates reports and alerts via Power Automate
- Embedded in Teams and M365 Copilot with no app switching

# Real Operators. Real Questions. Real Results.



**"What's the grid efficiency today?"**

Power BI chart returned



**"Forecast failure risk this week?"**

Power BI shows predictive report



**"Send solar performance to Ops."**

Auto-posts via Power Automate

Everything grounded in Microsoft 365 — no hallucinations, no manual work.

# Secure. Scalable. Microsoft-Native.



## Copilot Studio

Knowledge base  
(Dataverse, DOCX, Excel)



## Power BI

Real-time trend data



## Power Automate

Alerts, reports, and  
workflows



## Teams

Operator interaction

- Microsoft Entra ID for authentication



# Energenius Targets What Matters Most

## Energy Recovery

Unused renewables flagged and reallocated

## Workforce Safety

Real-time failure alerts sent to Teams

## Grid Reliability

Load forecasting using weather + historical BI

## CO<sub>2</sub> Tracking

Auto-reports aligned to sustainability goals

# Built for the Enterprise. Powered by Microsoft.



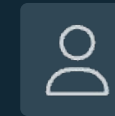
## Power BI

Analytics engine



## Power Automate

Task & alert orchestration



## Teams

Operator interface



## Entra ID

Secure access & RBAC

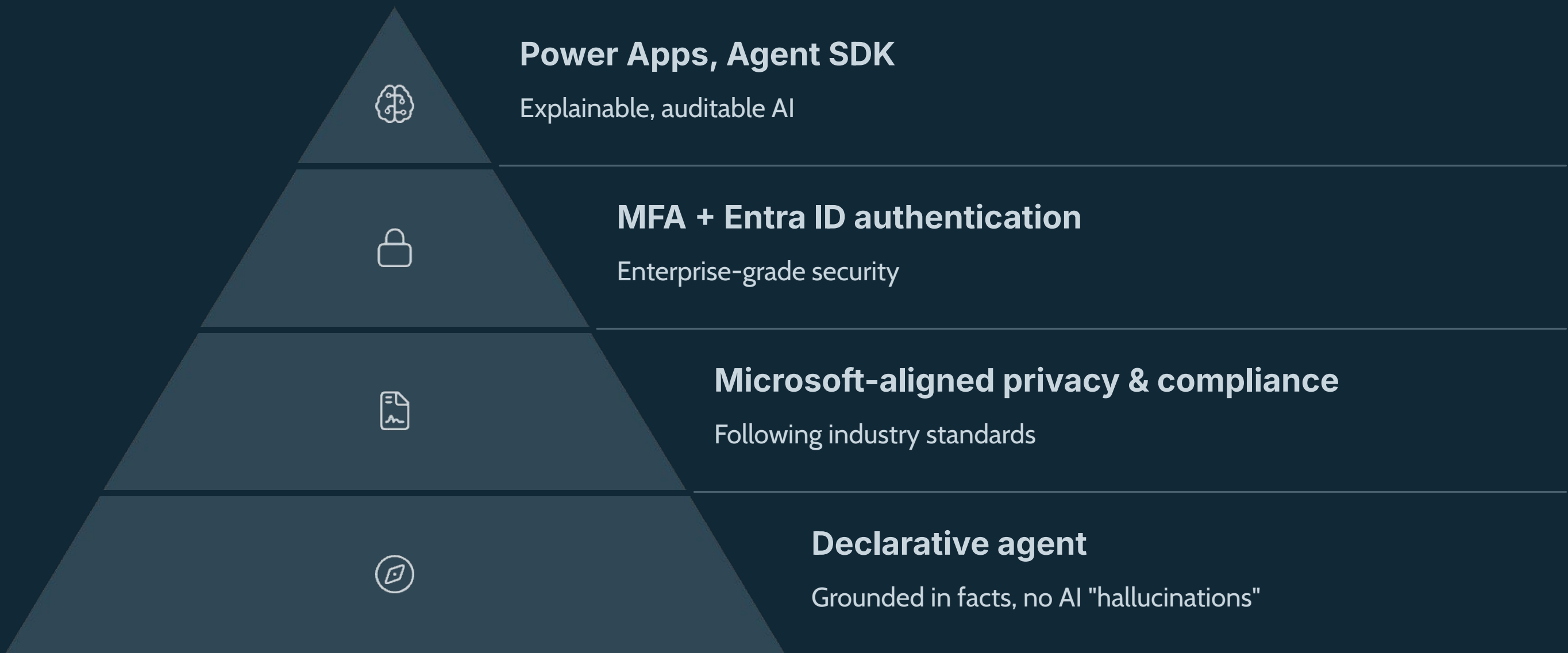


## No third-party tools

Or code dependencies

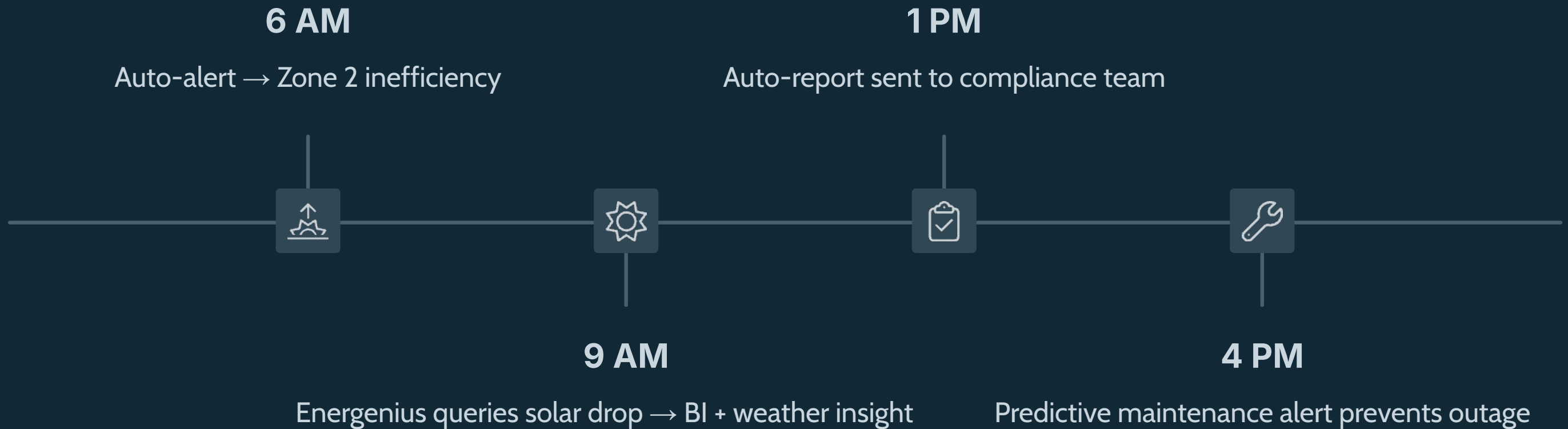


# Trust Built In





# Energenius in Action



- Energenius saves time, reduces emissions, and avoids risk—all through chat.

# Ready for Enterprise Deployment



## Microsoft-native

Seamless integration



## Cost-saving

Proven ROI



## AI you can trust

Reliable and secure

"Energenius turns renewable data into reliable action—seamlessly, securely, and at scale."