# Digital Energy Grid Hackathon — Idea Submission Template

## 1. Team Information

- Team Name:
- Institution / Organization:
- Team Members (2–4): Name, Role(e.g., AI Engineer, Energy Analyst, UX Designer, Business Strategist)
- Contact Emails:
- Discord User names: (All of team members)

## 2. Problem Focus

Select one problem statement your solution addresses:
☐ **Problem 1:** Utility Interface with Agentic Orchestration for Grid-Scale Demand Flexibility
☐ **Problem 2:** Compute–Energy Convergence in a DEG World

## 3. Solution Overview (max 150 words)

Briefly describe your idea. What problem are you solving, and how does your agentic solution create value in the Digital Energy Grid ecosystem?

## 4. Technical Architecture (max 200 words or diagram)

Explain the AI agent you plan to build and how they will solve the problems and create value, while leveraging Beckn and DEG components.
 Include:

- Key agents and their roles
- Data sources / APIs / models used (e.g., Beckn Sandbox, AI models)
- Orchestration or coordination logic

Include all assumptions and references for your architecture design.

(Optional: include a simple diagram or link to a visual model in your submission)

## 5. Agent Workflow (max 150 words)

Describe how your agent works along with relevant Beckn protocol flows, where applicable in your context.

## 6. Business Model & Impact (max 150 words)

Outline the potential business model, value capture, and stakeholders who benefit (utilities, data centers, aggregators, consumers, etc.).
 Include any sustainability, scalability, or revenue aspects.

## 7. References / Inspiration (optional)

Mention any prior work, open datasets, or publications you're building upon.

## 8. Declarations

- IP & Licensing: Submitted under MIT Commons License
- Submission Format: 1-2 page PDF uploaded via Dora Hacks
- Deadline: 23/11/25 17:00 GMT