NeuraGrid (NRG) White Paper

Version 1.0 • June 2025 • Powering AI with Clean Energy

Executive Summary

NeuraGrid is a decentralized infrastructure protocol combining artificial intelligence (AI) compute with renewable energy, enabling tokenized ownership and passive income for global investors. The $NRG token represents fractional ownership in clean energy-powered AI compute nodes. Through tokenization and airdrops, NeuraGrid democratizes access to two of the most disruptive innovations of our time: AI and renewable energy.

Vision & Mission

Vision:

To decentralize and democratize access to AI computation while driving a global transition to renewable energy.

Mission:

To build a network of AI inference nodes powered by clean energy, where anyone can invest, earn yield, and shape the future of intelligent, sustainable infrastructure through tokenized ownership.

Problem Statement

• AI Compute Centralization
• Environmental Impact
• Barrier to Green Investment

Current AI infrastructure is controlled by Big Tech. Individuals and small enterprises have limited access to model training and inference at scale.

Traditional data centers consume massive amounts of energy, largely powered by fossil fuels—counteracting progress toward net-zero goals.

Most people cannot afford or access direct investment in clean energy infrastructure.

The NeuraGrid Solution

NeuraGrid introduces a decentralized protocol combining:

• AI Compute Nodes: Dedicated infrastructure to run inference and serve models.
• Green Energy Sources: Data centers powered by solar, wind, or hydro.
• Tokenized Ownership: $NRG token holders earn a share of income and vote on governance decisions.

Real Assets + Real Compute + Tokenized Economy = Scalable Impact

Technology Architecture

• Infrastructure Layer
• Protocol Layer

• Application Layer
Renewable energy-powered AI compute centers
Partnership with solar/wind farm operators
Carbon offsets verified via Chainlink oracles
Smart contracts on Ethereum or Layer 2 (Base/Arbitrum)
ERC-20 $NRG token
Revenue-sharing smart contracts
DAO governance voting
Investor dashboard
AI model hosting market
Staking interface
Yield analytics

Tokenomics

• Airdrop Campaign — 10% — Instant
• Treasury (DAO) — 30% — 10% unlocked, 2 years linear
• AI Yield Pool — 25% — 1-year lock, then monthly
• Dev & Core Team — 15% — 1-year cliff, 3-year linear
• Green Energy Network — 10% — 1-year linear
• Strategic Partners/VCs — 10% — 6-month cliff, 18-month linear
Total Supply: 1,000,000,000 $NRG
Ticker: $NRG
Standard: ERC-20

Airdrop Campaign

NeuraGrid will kickstart its community through a strategic airdrop:
• Early Users — Verified wallets who sign up pre-launch
• Referral Program — Invite-based rewards
• Community Builders — Content creators, Discord mods, translators
• Developers — Tooling and integrations contributors
• Partners & Advocates — ESG & tech partners
Claiming is via a Merkle Tree airdrop contract with wallet signature verification and anti-Sybil protection.

Use Cases

Investors stake $NRG and earn yield from AI compute usage and energy resell.
AI Developers rent compute power with $NRG.
Energy Providers onboard their grid to the NeuraGrid marketplace.
Communities launch new nodes via DAO proposals and funding.

Governance Model

$NRG is a governance token.
DAO members vote on:

• New infrastructure onboarding
• Revenue allocation strategies
• Token emission adjustments
• Treasury usage and grants
Governance will be executed via Snapshot + Gnosis Safe multisig.

Revenue Model

Revenue Streams:
• AI model hosting fees (e.g., inference tasks)
• Energy surplus sales to national/regional grids
• Enterprise partnerships (MLaaS APIs)
• Marketplace commission from node operators
Distribution:
• 60% to $NRG stakers
• 25% to DAO treasury
• 15% to maintenance and ops reserve

Roadmap

• Q2 2025 — Whitepaper, Tokenomics Finalized, Airdrop Launch
• Q3 2025 — Mainnet Token Launch, Node Partnership Program
• Q4 2025 — AI Job Marketplace Beta, DAO Bootstrapped
• Q1 2026 — Revenue Sharing Launch, Green Node Expansion
• Q2 2026 — Full-scale AI compute rollout, Multi-chain expansion

Partnerships & Integrations

• Chainlink (Proof of Reserve, weather feeds)
• Solar/wind farm operators (Africa, Southeast Asia)
• Cloud compute providers (for fallback compute)
• ESG certifiers and sustainability DAOs

Team & Advisors

Names hidden for stealth launch — core contributors include experts from AI infrastructure, energy trading, Ethereum development, and token economics. Full team will be revealed post-DAO launch.

Legal Disclaimer

NeuraGrid is not an investment vehicle or security. $NRG is a utility token designed for access and participation in the NeuraGrid ecosystem. Regulatory compliance and KYC/AML will be applied where legally required. Please consult with your local jurisdiction before participating.

Contact & Community

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