NeuraGrid (NRG) White Paper

Version 1.0 | June 2025

Tagline: Powering AI with Clean Energy. Investing in the Future.

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

1. Al Compute Centralization

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

2. Environmental Impact

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

3. Barrier to Green Investment

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

The NeuraGrid Solution

NeuraGrid introduces a decentralized protocol combining:

Al 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

1. Infrastructure Layer

Renewable energy-powered AI compute centers

Partnership with solar/wind farm operators

Carbon offsets verified via Chainlink oracles

2. Protocol Layer

Smart contracts on Ethereum or Layer 2 (Base/Arbitrum)

ERC-20 \$NRG token

Revenue-sharing smart contracts

DAO governance voting

3. Application Layer

Investor dashboard Al model hosting market Staking interface Yield analytics

Tokenomics

Category Allocation Vesting Airdrop Campaign 10% Instant Treasury (DAO) 30% 10% unlocked, 2 years linear Al 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:

Airdrop Pool Description

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.

Al 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:

Al 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

Phase Milestones

Q2 2025 Whitepaper, Tokenomics Finalized, Airdrop Launch

Q3 2025 Mainnet Token Launch, Node Partnership Program

Q4 2025 Al 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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