Cosmic Coin — Block Validation Process

1. Block Emission

- A new block opportunity is emitted every **10 minutes**, fixed by protocol time.
- Emission is independent of mining difficulty — every slot is available for competition.

2. Orbit Queue (Entropy Delay)

- Submitted blocks enter an **Orbit Queue** where entry order is randomized using:
- Wallet nonce
- Timestamp hash
- Protocol entropy variables
- Purpose: Prevent spam, remove unfair advantage from low-latency actors, and equalize access.

3. Dual Consensus Validation (Both must pass in sequence)

A. Micro PoW (Proof-of-Work)

- Lightweight, CPU-bound computation.
- Designed for mobile and standard hardware — no ASIC/GPU dominance.
- Difficulty adjusts automatically to maintain fair solve times.
- **Fail → Blackhole Burn penalty** (see burn mechanics).

B. Micro PoS (Proof-of-Stake)

- Entropy-weighted selection using wallet activity/uptime rather than pure balance.
- Encourages circulation and active participation instead of passive hoarding.
- **Fail → Blackhole Burn penalty**.

4. Block Acceptance

- **Pass both checks:**
- Block added to chain.
- Full block reward issued to the successful submitter.
- **Block reward rules:**
- Starts at **25 coins per block**.
- Halving every **210,000 blocks**, but only at the end of the current ERA.
- If at ERA end reward $\leq$ 1 coin → reset to 25 coins and restart ERA 1.

5. Key Principles

- **No external validators** — proposer and validator are the same entity.
- **Pure burns** — all penalties strengthen scarcity for everyone.
- **Economic fairness** — mobile-friendly, capital-light participation.

• **Transparency** — all burns visible in public explorers.