Everlight Shards

By **BITCOIN** EVERLIGHT

THE EVOLUTION TO V2

Bitcoin Everlight was originally built on a robust framework of Transaction Validation Nodes — the technical backbone of the network.

These nodes power validation, routing, and reward distribution, forming the core infrastructure described in the whitepaper.

As the presale progressed and the community expanded, it became clear that while the underlying system was strong, the experience could be simplified.

Most users do not want to manage infrastructure.

- They want clarity.
- They want transparency.
- They want participation without friction.

V2 introduces Everlight Shards.

Shards preserve the full node framework while abstracting the complexity.

The infrastructure remains intact.

The interface evolves.

WHAT IS AN EVERLIGHT SHARD?

Each Shard represents an activation tier within the Transaction Validation Node network, allowing users to participate without directly operating infrastructure.

- Users do not run hardware.
- Users do not configure servers.
- Users do not manage validation software.

Instead, participation is simplified into a single activation layer.
Shards preserve the full node framework described in the whitepaper — while abstracting technical complexity from the user experience.

Nodes power the network.
Shards power participation.

ACQUIRE BTCL

↓

SHARD ACTIVATES

↓

VALIDATION
INFRASTRUCTURE

↓

EARN
REWARDS

SHARD ACTIVATION DURING PRESALE

During presale, users acquire BTCL tokens.
Shards are not purchased directly.
Instead, Shards activate automatically when total USD committed reaches defined thresholds.
Tier activation is based on the USD value committed at the time of purchase.

Azure

Up to 12%
During Presale

Earn BTC at Launch

$500

Violet

Up to 20%
During Presale

Earn BTC at Launch

$1,500

Radiant

Up to 28%+
During Presale

Earn BTC at Launch

$3,000

PRESALE REWARD MECHANICS

While presale is active, Shards earn fixed BTCL rewards.
Rewards begin immediately upon activation and are distributed continuously throughout the presale period.
During this phase:

• Rewards are paid in BTCL
• APY is fixed per tier (12%, 18%, 28%)
• Rewards begin at the moment a Shard activates
• Tokens cannot be transferred during presale
• Commitments are final and non-reversible

Because tokens remain locked during presale, Shard downgrades do not occur during this phase.

$$\text{BTCL Rewards} = \text{Stake} \times \text{APY} \times (\text{Time Active} + 365)$$

TRANSITION TO MAINNET

When mainnet launches, the role of Shards evolves.
During presale, Shards earn fixed BTCL incentives.

After launch, Shards participate in live network economics.
Rewards shift from fixed incentives to performance-based BTC distribution.

There is no fixed post-mainnet APY.
Returns are derived from real network activity.

PRESALE

- Fixed APY
- Rewards Paid in BTCL
- Locked Tokens
- Incentive Alignment

MAINNET

- Variable Yield
- Rewards Paid in BTC
- Balance-Based Tier Maintenance
- Fee-Driven Distribution

BTC REWARD DISTRIBUTION MODEL

After mainnet launch, rewards are no longer fixed incentives.
They are derived from real network activity.

Shards participate in the Transaction Validation Node network and receive a share
of BTC-denominated transaction routing fees.

Rewards scale based on network usage.

$$\text{BTC Rewards } \alpha \frac{(\text{Network Volume} \times \text{Fee Rate})}{\text{Active Shards}}$$

- Higher transaction volume increases total fee generation

- Fee rates determine total BTC available for distribution

- Total active Shards influence individual allocation

More usage → More fees → Greater distribution potential

MAINTAINING AN ACTIVE SHARD

During presale, Shard tiers are activated based on the total USD value committed at the time of purchase.
After mainnet launch, Shards remain active only while the required USD-equivalent BTCL balance is maintained.
Shard status is tied to maintained economic alignment with the network.
If balance falls below a tier threshold, the Shard automatically downgrades.
If balance falls below the minimum threshold, the Shard becomes dormant.

Example Scenario

A user activates Azure by committing $500 during presale.
After mainnet launch:

• If BTCL declines and holdings are worth $400 → Azure downgrades
• If BTCL appreciates and holdings are worth $600 → up to $100 may be sold while maintaining Azure
• If balance drops below $500 equivalent → tier adjusts accordingly

Shard status reflects maintained participation — not permanent entitlement.

ECONOMIC DYNAMICS

Shard activation is balance-based.
Because tiers are maintained through USD-equivalent BTCL balance, distribution naturally adjusts with market conditions.

If BTCL appreciates, maintaining higher tiers becomes easier.
If BTCL declines significantly, downgrades may occur as balances fall below required thresholds.

This dynamic ensures participation reflects ongoing economic commitment rather than static guarantees.
Shard tiers are maintained through alignment — not permanence.

GOVERNANCE & NETWORK BALANCE

Shard tier thresholds are initially defined at set USD levels.
To preserve long-term sustainability and economic integrity, thresholds may be adjusted through formal protocol governance if necessary.

Any adjustments would be:

• Transparent
• Proposal-based
• Structured through governance process
• Designed to maintain fairness and ecosystem balance

This flexibility ensures Bitcoin Everlight can adapt responsibly to evolving market conditions while preserving core mechanics.

WHY EVERLIGHT SHARDS MATTER

Everlight Shards unify two distinct phases of the ecosystem:

- Presale incentive alignment
- Mainnet economic participation

They remove infrastructure friction while preserving the strength of the underlying Transaction Validation Node framework.
Shards simplify participation without compromising technical integrity.

The result is a system that evolves:

From fixed incentives
To performance-based distribution

From abstraction
To live network economics

Lock → Activate → Validate → Earn

That is Bitcoin Everlight V2.