Grok brief: NEAR Protocol live investment dashboards

Prepared 14 Nov 2026. Paste everything from “Prompt” onward into Grok. Attach the six chart images in this PDF (or from the repo’s `out/` folder) as visual references.

How to use this document

- Section 1 is the prompt itself.
- Sections 2-9 are the facts, data, formulas and specs Grok needs. Paste them with the prompt.
- Section 10 shows the six reference charts from our build.
- Section 11 is the checklist to judge what Grok gives back.

1. Prompt

You are building a set of live, interactive web dashboards for an institutional investment thesis on NEAR Protocol. The audience is hackathon judges and crypto fund analysts. They will check every number. Accuracy and honesty matter more than visual flair.

Build a single-page web app (React or plain HTML + JavaScript, one file if possible) with the views listed in Section 5. Fetch live data from the public APIs in Section 2 on load and on a refresh button. Every number on screen must come from a live API call, from a formula in Section 4 applied to live data, or from the frozen snapshot in Section 3, clearly labelled as a snapshot with its date. Never invent a number. If an API call fails, show the snapshot value with a visible “snapshot, 13 Nov 2026” tag and the error, not a blank or a guess.

The thesis in one paragraph: NEAR is now a bet on one product, NEAR Intents, a cross-chain swap and settlement network that runs on NEAR. Since 23 Feb 2026 a fee switch sends protocol revenue into buying NEAR on the open market. The question is whether that revenue can grow to match or exceed new token issuance. Today it covers about 19% on the best recent 30 days and 5-11% on full quarters. Our view is constructive, conditional, and not cheap. All four of our quantitative kill rules fired in the first half of 2026. We restated the thesis as a fresh call from Q4 2026, with rules frozen on 14 Nov 2026. Coverage of issuance gets no reset: if Q4 2026 coverage is below 15% at a frozen $3.51 price, the token case is dead.

The dashboards must make three things obvious at a glance: 1. Is Intents volume growing, and in steps or smoothly? 2. How much of each fee dollar does the protocol keep, and is that share rising? 3. How far is protocol revenue from covering issuance, and what volume and take rate close the gap?

They must also show, honestly, which kill rules fired in 2026 and the live status of each forward rule.

Follow the design rules in Section 7. Follow the honesty rules in Section 8. Use the chart specs in Section 6. Match the layout ideas in the reference images, but improve them.

2. Live data sources

Source	Endpoint	What it gives	Notes
DefiLlama volume	`https://api.llama.fi/summary/dexs/near-intents`	`totalDataChart` = [[unix seconds, USD], …] daily volume; `total24h`, `total7d`, `total30d`, `totalAllTime`	No key. CORS open. Sum daily points into calendar months yourself
DefiLlama fees	`https://api.llama.fi/summary/fees/near-intents?dataType=dailyFees`	Daily gross fees, same shape	Gross = protocol fee plus partner (affiliate) fees
DefiLlama revenue	`https://api.llama.fi/summary/fees/near-intents?dataType=dailyRevenue`	Daily protocol revenue	This is what funds buybacks
DefiLlama holders revenue	`https://api.llama.fi/summary/fees/near-intents?dataType=dailyHoldersRevenue`	Daily revenue paid to token holders (buybacks)	Zero before Feb 2026. If empty, fall back to Section 3
DefiLlama protocol	`https://api.llama.fi/protocol/near-intents`	TVL history and metadata	Optional
DefiLlama chain fees	`https://api.llama.fi/summary/fees/near?dataType=dailyFees`	NEAR base-chain fees	Replaces our one-day $24.1K/day figure
CoinGecko NEAR	`https://api.coingecko.com/api/v3/coins/near/market_chart?vs_currency=usd&days=400`	Daily price, market cap	Free tier, rate limited. Cache for 10 minutes
CoinGecko simple price	`https://api.coingecko.com/api/v3/simple/price?ids=near,solana,hyperliquid,tron,ethereum&vs_currencies=usd&include_market_cap=true`	Live prices and market caps for NEAR and peers	One call for all peers
NEAR Intents Explorer	`https://explorer.near-intents.org/api/v0/transactions`	1Click swap records: `amountInUsd`, `createdAt`, `referral`, `status`	Needs a partner JWT (Bearer token), 1 request per 5 seconds, cursor paging with `lastDepositAddress` and `lastDepositMemo`. Make the key a user-entered setting stored only in memory. Without it, show the snapshot
NEAR RPC	`https://rpc.mainnet.near.org` method `validators` and `EXPERIMENTAL_genesis_config`	Total supply, epoch info, stake	Use to measure issuance instead of modelling it
NEAR BigQuery	`bigquery-public-data.crypto_near_mainnet_us`	Transactions, signers, receipts	Not callable from a browser. Show as “offline query, see repo”
revenue.near.org	`https://revenue.near.org`	Buyback wallet balance	Page marks its figures illustrative. Cross-check only

Buyback wallet: `buybacks.multisignature.near`. It appears in the Explorer as a 1Click referral (6,911 swaps in 24h on 13 Nov 2026).

Refresh: fetch on load, then every 10 minutes, plus a manual refresh button. Show “last updated” with a timestamp per source.

3. Frozen snapshot (13 Nov 2026)

Use these as fallbacks and as the frozen baseline for claims. Label them as snapshots.

Headline figures:

Metric	Value	Source
NEAR price	$3.51	CoinGecko
Circulating supply	1.312B NEAR	CoinGecko
Market cap	$4.61B	Computed
Intents volume, all-time	$37.61B	DefiLlama
Intents volume, 30d / 7d	$3.774B / $0.953B	DefiLlama
Gross fees, 30d / all-time	$6.05M / $60.75M	DefiLlama
Protocol revenue, 30d / all-time	$1.84M / $9.93M	DefiLlama
Holders revenue (buybacks), cumulative to 3 Nov	$7.58M	DefiLlama protocol page
Take rate, 30d	4.88 bp (0.0488%)	revenue / volume
Capture, 30d	30.5%	revenue / fees
Explorer 1Click volume, all-time / 30d	$32.63B / $2.54B	Explorer page
1Click share of DefiLlama volume	87% all-time, 67% 30d	Computed
Buyback wallet balance	1.77M NEAR	revenue.near.org (illustrative)
Issuance cap	2.5% a year now; 1.6% end state under HSP-029 (approved 2 Nov 2026, 24-month ramp)	The Block
NEAR chain fees	about $24.1K a day (one day, 12 Oct 2026)	DefiLlama via OurCryptoTalk, secondary

Monthly series (volume in $B; fees, revenue and holders revenue in $M; capture = revenue / fees; take rate = revenue / volume in basis points). The fee switch went live on 23 Feb 2026. November 2026 is partial, to 12 Nov.

Month	Volume $B	Fees $M	Revenue $M	Holders rev $M	Capture	Take bp
2025-09	0.48	0.71	0.000	0.000	0.0%	0.00
2025-10	1.72	2.50	0.000	0.000	0.0%	0.00
2025-11	3.66	7.76	0.768	0.000	9.9%	2.10
2025-12	2.01	4.12	0.177	0.000	4.3%	0.88
2026-01	2.72	4.41	0.359	0.000	8.1%	1.32
2026-02	2.38	4.13	0.663	0.197	16.1%	2.79
2026-03	2.08	3.59	0.563	0.563	15.7%	2.71

Month	Volume $B	Fees $M	Revenue $M	Holders rev $M	Capture	Take bp
2026-04	1.90	3.21	0.259	0.259	8.1%	1.36
2026-05	2.00	3.00	0.620	0.620	20.7%	3.10
2026-06	2.35	3.11	0.619	0.619	19.9%	2.63
2026-07	2.21	3.27	0.505	0.505	15.4%	2.29
2026-08	2.78	3.84	0.723	0.723	18.8%	2.60
2026-09	4.80	7.33	1.840	1.840	25.1%	3.83
2026-10	3.99	6.39	2.190	2.190	34.3%	5.49
2026-11	1.60					

Quarterly view (coverage = quarterly revenue / quarterly issuance at 2.5% and $3.51 = $28.78M a quarter):

Quarter	Volume	Capture	Take rate	Revenue / issuance	Buybacks / issuance
Q1 2026 (Jan-Mar)	$7.18B	13.1%	2.21 bp	5.5%	2.6%
Q2 2026	$6.25B	16.1%	2.40 bp	5.2%	5.2%
Q3 2026	$9.79B	21.2%	3.14 bp	10.7%	10.7%

Base chain (secondary sources):

Metric	Latest	Earlier
Transactions per day, 30-day average	685K (to 4 Nov 2026)	4.52M (Nov 2025)
Active accounts per day	61.6K	269K
Daily transactions, quarterly average	739K (Q3 2026)	854K (Q2), 4.2M (Q1)
Distinct daily signers	79.3K (Q3 2026)	121K (Q2)
HOT Wallet share of transactions	65% (Q2 2026, Nansen)	56% (Q3 2025)
DeFi TVL on NEAR	$188.5M (5 Nov)	$275M (12 Oct)
Stablecoins on NEAR	$128.5M	n/a

Peers (market cap over annualised quarterly revenue; peer revenue from Blockworks Research’s Q2 2026 comparison):

Asset	Basis	Quarter	Market cap	Multiple
NEAR	Gross (Intents fees + chain fees)	Q2 2026	$4.61B	100x
NEAR	Net (protocol revenue)	Q2 2026	$4.61B	769x
NEAR	Gross	Q3 2026	$4.61B	69x
NEAR	Net	Q3 2026	$4.61B	375x
NEAR	Net, best 30 days	Oct-Nov 2026	$4.61B	205x
Solana	Gross REV (fees + tips)	Q3 2026	$47.29B	156x (Q3 REV $75.7M)
Hyperliquid	Gross, mostly to buybacks	Q2 2026	$20.08B	35x (Q2 revenue $141.4M)
Tron	Gross fees	Q2 2026	$30.55B	85x (Q2 revenue $89.8M)

Asset	Basis	Quarter	Market cap	Multiple
Ethereum	Gross fees	Q2 2026	$252.25B	996x (Q2 revenue $63.3M)

Other facts for context panels: Bitwise NRR staking ETF listed 29 Sep 2026 with $58.89M first-week inflows. SVRN holds 55.5M NEAR. Brave Leo moved to NEAR AI Cloud on 15 Oct 2026. NEAR AI Cloud lists 51 models, 15 confidential. 750K+ NEAR staked for AI access (Nansen Q3). NEAR AI paused inference after unauthorised access on 9 Nov 2026. Confidential Intents held about $160M at end of Q3. Incidents in 2026: Litecoin reorg (~$600K exposure, April), SWEAT drain (April), NEAR AI breach (November).

4. Formulas

- Monthly issuance in dollars = supply x cap x price / 12. At $3.51: $9.59M at 2.5%, $6.14M at 1.6%.
- Quarterly issuance = supply x cap x price / 4.
- Take rate = protocol revenue / volume. Show in basis points (x 10,000).
- Capture = protocol revenue / gross fees.
- Coverage = protocol revenue / issuance in dollars, same window.
- Buyback coverage = holders revenue / issuance.
- Break-even monthly volume = monthly issuance in dollars / take rate. At 4.88 bp and $3.51: $19.65B at 2.5% (4.1x the $4.80B record), $12.58B at 1.6% (2.6x).
- Because issuance is in NEAR and buybacks are in dollars, break-even rises one-for-one with price.
- Annualised multiple = market cap / (quarterly revenue x 4), or market cap / (30-day revenue x 365 / 30).
- Q4 2026 coverage test uses the frozen price $3.51, not the live price.

Sensitivity grid under HSP-029 (1.6%): price, take rate (bp), break-even $B per month, multiple of the $4.80B record.

Price	Take bp	Break-even $B	x record
2.0	3.00	11.66	2.43
2.0	4.00	8.75	1.82
2.0	4.88	7.17	1.49
2.0	6.00	5.83	1.21
2.0	7.00	5.0	1.04
2.0	10.00	3.5	0.73
3.51	3.00	20.47	4.26
3.51	4.00	15.35	3.2
3.51	4.88	12.58	2.62
3.51	6.00	10.23	2.13
3.51	7.00	8.77	1.83
3.51	10.00	6.14	1.28
5.0	3.00	29.16	6.07
5.0	4.00	21.87	4.55

Price	Take bp	Break-even $B	x record
5.0	4.88	17.92	3.73
5.0	6.00	14.58	3.04
5.0	7.00	12.5	2.6
5.0	10.00	8.75	1.82
7.5	3.00	43.73	9.11
7.5	4.00	32.8	6.83
7.5	4.88	26.89	5.6
7.5	6.00	21.87	4.55
7.5	7.00	18.74	3.9
7.5	10.00	13.12	2.73
10.0	3.00	58.31	12.14
10.0	4.00	43.73	9.11
10.0	4.88	35.85	7.46
10.0	6.00	29.16	6.07
10.0	7.00	24.99	5.2
10.0	10.00	17.49	3.64

5. Dashboard views

1. Overview. Six KPI tiles: Intents 30d volume, 30d protocol revenue, take rate, capture, coverage of issuance, NEAR price and market cap. Each tile shows the value, its change against the frozen 13 Nov baseline, and its source and timestamp. Below: a one-line thesis status (“Fresh call from Q4 2026. Q4 coverage test: X% of the way to 15%”).
2. Intents volume. Monthly bars from Sep 2025, the current partial month hatched and labelled. A daily line with a 30-day average. A cumulative line. Annotate the Nov 2025 spike, the Dec 2025 to Aug 2026 plateau, and the Sep 2026 record.
3. Value capture. Monthly capture and take rate since Feb 2026, two stacked panels. Mark the fee-switch date. A waterfall from all-time gross fees to protocol revenue to buybacks.
4. Issuance vs buybacks. Monthly issuance at 2.5% and 1.6% against monthly revenue and holders revenue. A coverage line with the 15% kill line. A Q4 2026 progress bar toward the $4.32M quarterly revenue needed (15% of $28.78M), filled live from Oct, Nov and Dec revenue.
5. Break-even and sensitivity. Interactive heatmap of the grid. Sliders: NEAR price ($1 to $15), take rate (1 to 15 bp), issuance cap (2.5% or 1.6%). Output: break-even monthly volume and its multiple of the record. Highlight the current cell.
6. Valuation and peers. Grouped bars of multiples by basis and quarter. A toggle between gross and net. A clear note that no basis is fully like-for-like. Peer market caps refresh live from CoinGecko. Revenue stays at the stated quarter.
7. Kill-rule monitor. A table of all rules with level, Q1, Q2, Q3, Q4 to date, and status. History rows say FIRED in red. Forward rows show OK, WATCH (one quarter breached) or KILLED. Rules: quarterly volume below $8B; capture below 20%; take rate below 3 bp (each kills after two quarters in a row from Q4 2026); Q4 2026 coverage below 15% at $3.51 (single test); any quarter with volume up and revenue down; HSP-029 vetoed; loss of user funds; ex-HOT signers below 40K (provisional).

8. Claims ledger. Every claim with its frozen value, tolerance, kill and confirm levels, current value and status: BASELINE, HELD, BETTER, DRIFTED, KILLED, CONFIRMED, UNMEASURED, FIRED. Plus the first draft's record: 6 of 8 testable claims held, coverage and valuation missed.
9. Base chain. Transactions and active accounts, then and now, with HOT Wallet's share. Mark all as secondary sources.
10. Scenarios. Bear, base and bull to end-2028 with editable inputs. Defaults: bear $3.9B a month at 3 bp = $14M a year (19% of issuance); base $6B at 5 bp = $36M (49%); bull $10B at 7 bp = $84M (114%). Yearly issuance under HSP-029 at $3.51 = about $74M.
11. Sources and method. Every source with link, fetch time and tier: live API, snapshot, or secondary. A list of what is not measured: BigQuery signers, HOT share and measured issuance; Explorer route split; independent buyback series; NEAR AI revenue.

6. Chart specs

- One chart answers one question. Put the answer in the title as a sentence, for example "Capture ran 15-21% for seven months, then 25% and 34%".
- Highlight only what matters, in one accent colour. Everything else in grey.
- Label values directly on bars and line ends. Avoid legends where labels work.
- Y axes start at zero for bars. Use $B for volume, $M for fees and revenue, bp for take rate, % for capture and coverage.
- Mark partial periods with hatching and the cut-off date.
- Draw kill levels as dashed horizontal lines with a short label.
- Tooltips show the exact value, the date range and the source.
- Charts must read in light and dark mode.

7. Design rules

- Clean, institutional look. Neutral background, one accent colour (a calm blue), red only for kills and fired rules, green only for passes.
- A left navigation with the 11 views. A top bar with the last-updated time, a refresh button, and a "data status" pill (all live, partly snapshot, offline).
- Plain English everywhere. Short sentences. No hype words. No em dashes.
- Mobile friendly: tiles stack, charts resize.
- Fast: cache API responses for 10 minutes. Never block the page on the slow Explorer API.

8. Honesty rules (non-negotiable)

- Never invent, estimate or smooth a number that isn't in Section 3 or computed from live data with Section 4.
- Every number shows its source and time on hover.
- Snapshot values carry a visible "snapshot" tag.
- Show bad news as prominently as good news. The four rules that fired in 2026 must be visible on the Overview.

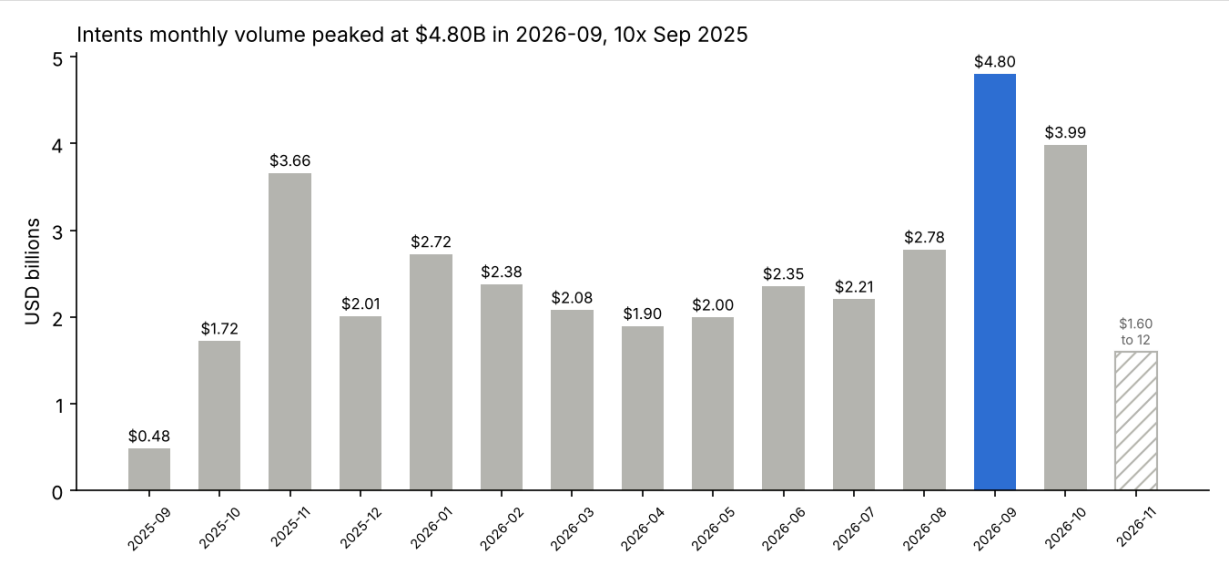
- Don’t call two good months a trend. Don’t call the take-rate rise explained. Its likely cause (more flow through near.com and keyed 1Click partners) is unconfirmed.
- Don’t compare NEAR’s gross fees to peers without the net figure beside it.
- Keep secondary sources (Nansen, NearBlocks via CoinPaprika, peer revenue) labelled as secondary.
- No price targets. Bitwise’s $155.85 by 2030 may be shown only as “published by the ETF issuer, not supported by our data”.
- This is research, not investment advice. Say so in the footer.

9. Deliverables

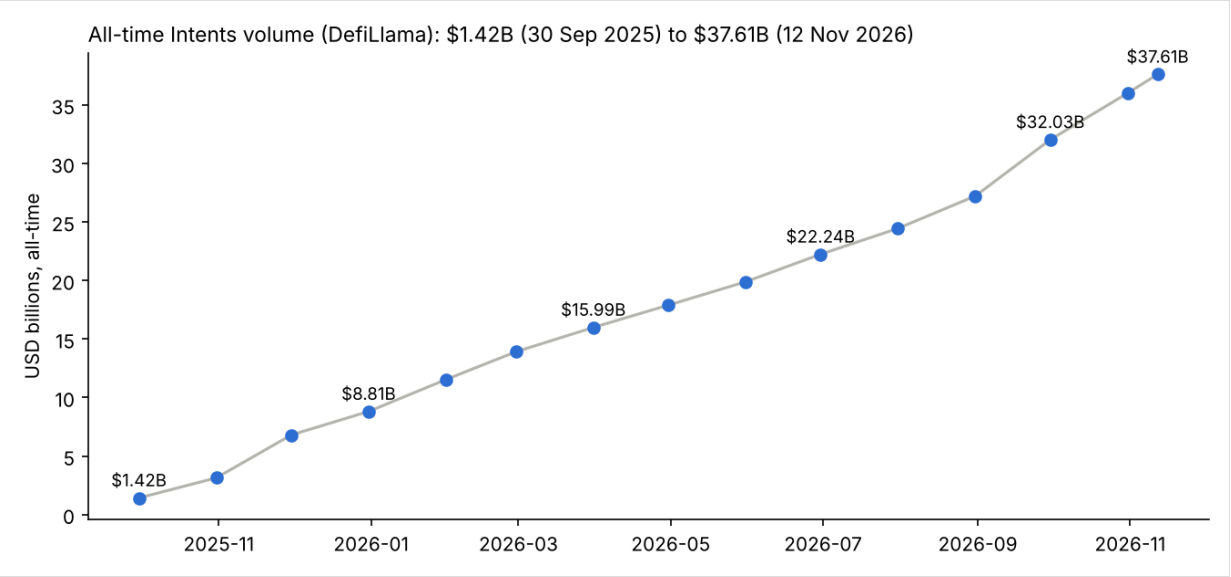
- One self-contained HTML file (or a small React app) that runs by opening it in a browser.
- A short README: how to add the Explorer key, how data refreshes, what is live and what is snapshot.
- A data-status panel listing each API call, its result and its time.

10. Reference charts from our build

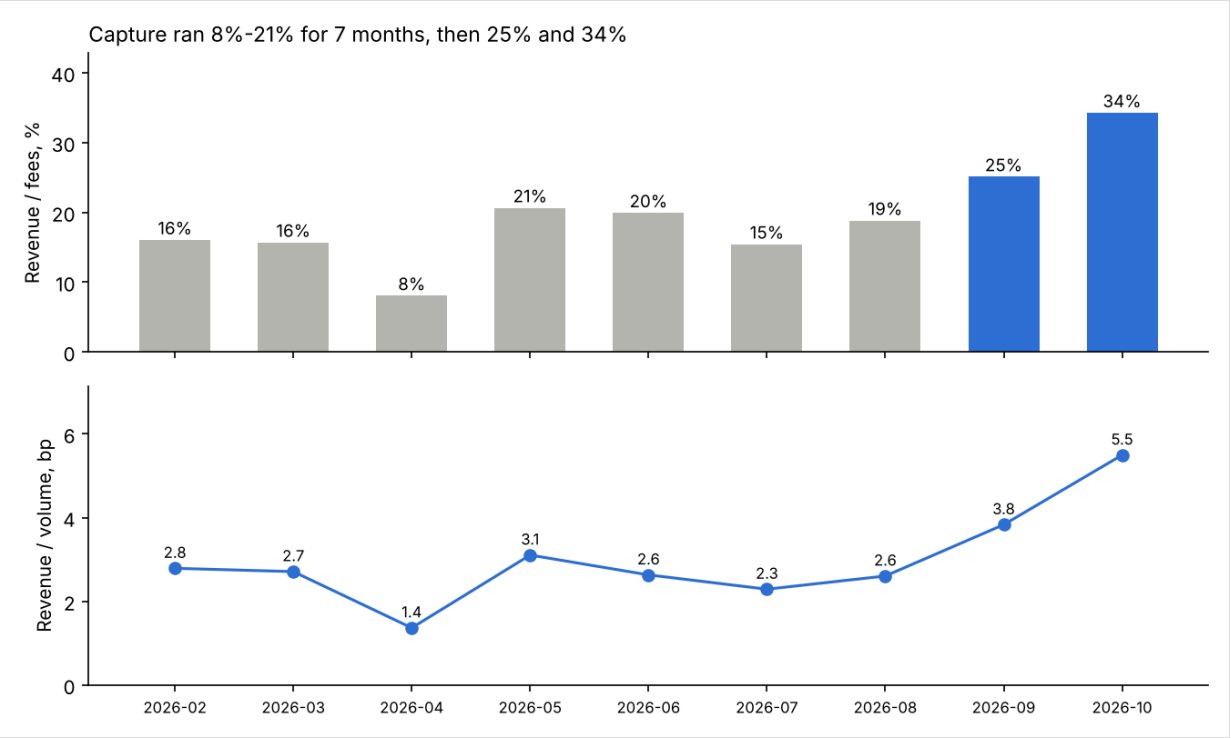
These came from our Python build on 13 Nov 2026. Use them as references for content, not as images to embed.



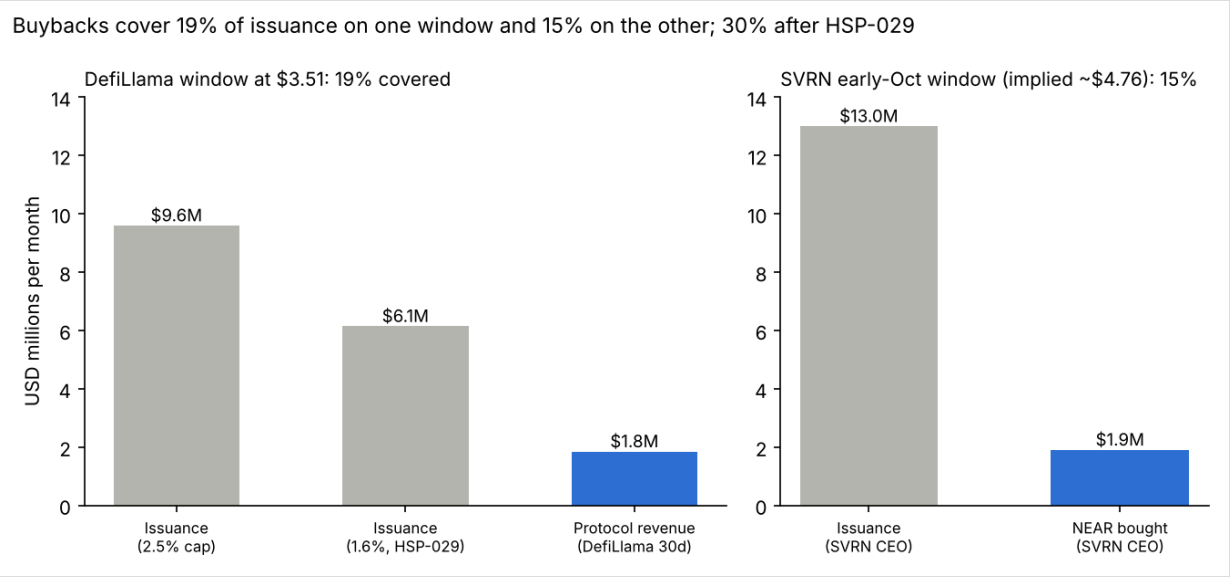
Intents monthly volume



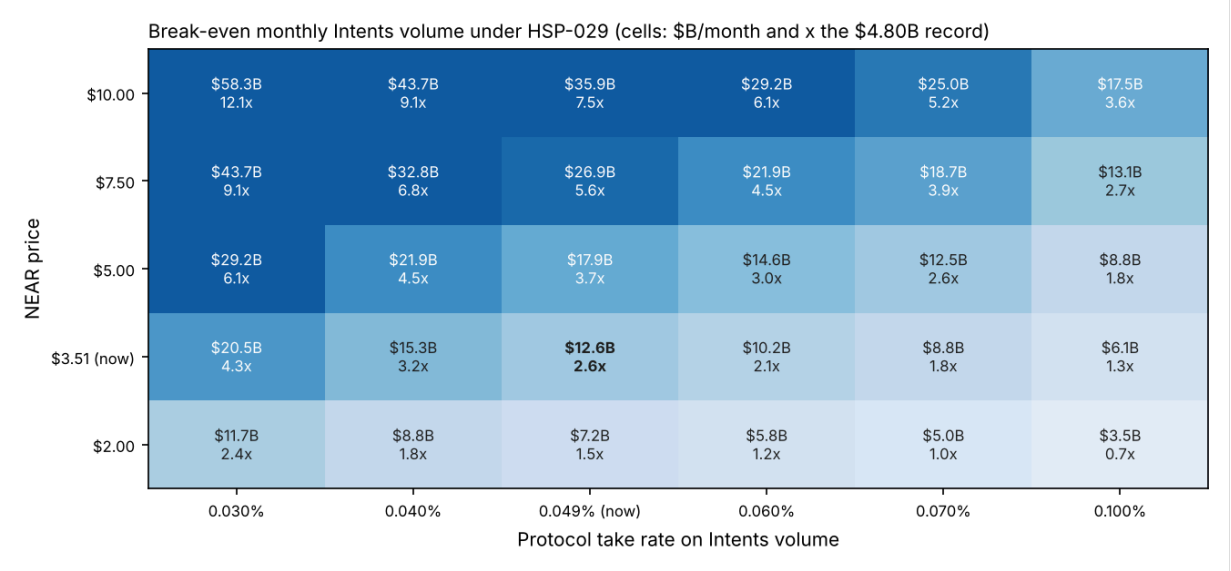
All-time Intents volume



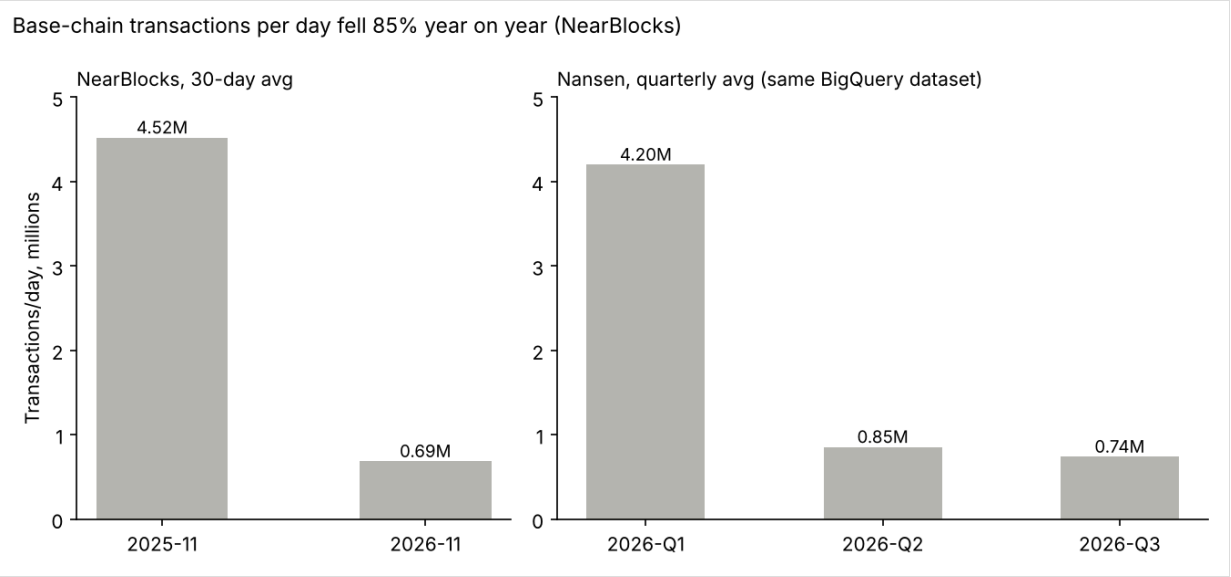
Capture and take rate by month



Issuance versus buybacks



Break-even sensitivity



Base-chain activity

11. Acceptance checklist

- Opens with no errors and shows data within a few seconds.
- Every KPI matches the APIs when checked by hand.
- With the network off, every view still renders from the snapshot, tagged as such.
- The 30-day take rate, capture and coverage match the formulas to two decimals.
- The Q4 coverage test uses $3.51, not the live price.
- The kill-rule monitor shows four FIRED history rows.
- Sliders move the break-even and the highlighted heatmap cell together.
- No em dashes, no hype, no unlabelled numbers.

Related material: full report at https://claude.ai/artifact/Usroq3L3etdVKujsrDJ7oW. Current static dashboard at https://claude.ai/artifact/BdXYe5u2upU4fvh97jQuS4.