Yankee Stadium illuminated at night

● TC-S Z Private Currency Network

Case Study: Yankee Stadium as a **Commissioned Private Economy**

Turning a 50k-person venue into a closed-loop, rights-backed, instantly-settling marketplace—powered by the Solar Standard (1 Solar = 4,913 kWh).

VENUE CAPACITY	LIVE USERS	SETTLEMENT	ENERGY STANDARD
~46,500	**50,000+**	**Instant**	**1 Solar**
Up to ~52,300 w/ standing	Phones, wearables, PoS, IoT	Tax-inclusive, auditable	= 4,913 kWh global equivalence

Why a Stadium?

A major league stadium is a "city-in-a-day": tickets, access control, concessions, merchandise, broadcast, and transportation. On peak nights, public payment rails, Wi-Fi, and cellular networks face

Opportunity

- Commission a Z Private Currency Network for the venue—local rules, instant clearing, global interoperability.

- Unlock fan-owned utility: every attendee brings their daily Solar; spend on

congestion, fees, fraud risk, and settlement lag

experiences, collectibles, or energy redemptions.

- Reduce friction and middle-fees; enhance trust with a transparent, tax-inclusive ledger.

The Z Private Network (Venue Edition)

A licensed, closed-loop economy tailored to Yankee-scale operations. Fans transact in Solar-denominated credits; vendors receive instant settlement; the stadium sets local incentives while remaining anchored to the Solar Standard (1 Solar = 4,913 kWh).

- Instant Clearing: eliminate 2–3 day card settlement lag across PoS, mobile, and in-seat orders.
- Programmable Loyalty: sponsor multipliers (e.g., "Yankee Night 1.2× Solar on concessions").
- Rights-Backed: ledger is transparent, auditable, and tax-inclusive by design.
- PPA-Backed Redemption: on Solar retirement for power, PPAs fulfill to the specific redeemer per ledger.

Stadium Use-Cases

Concessions & Merch

Line-busting with mobile checkout; instant settlement to vendors; dynamic pricing by inning/queue length.

Ticketing & Access

Solar-based upgrades, seat perks, and bundle offers that clear immediately at the gate.

Media & IP

Licensed clips as digital artifacts; revenue splits land in near-real-time across stakeholders.

Energy Kiosks

On-site "Energy Redemption" for fans to experience Solar → kWh equivalence and PPA fulfillment.

How It Fits Together

The venue's Z Network runs a local ledger, synchronized to the TC-S Network Foundation's Solar Generator and redemption registries. Vendor PoS, mobile apps, and artifact markets connect via APIs; settlement and splits finalize instantly.

- Local Rules, Global Standard: venue economics with global 4,913 kWh anchoring.
- Programmable Splits: league/team/artist/vendor/broadcaster payouts on transaction finality.
- Compliance-Ready: export tax-inclusive records per jurisdiction.

Yankee Stadium (Today) vs. Z Private Network (Commissioned)

Status Quo

- Card & wallet rails; 2–3 day settlement lag; gateway & interchange fees.
- Fragmented loyalty; limited portability; opaque splits and audits.
- Network congestion on peak nights; costly burst capacity.

Z Private Network

- Instant, tax-inclusive settlement across all endpoints.
- Solar-denominated utility + programmable loyalty & sponsorships.
- Transparent splits to leagues, teams, artists, vendors, and rights holders.
- Energy redemption (PPAs) on Solar retirement to specific redeemers.

KPIs to Track

Avg. Checkout Time

↓ 30–60%

Payment Fees

↓ 40–70%

Reconciliation Lag

← Back to Main
→ **Instant**

Fan Repeat Rate

↑ **10–25%**

All Case Studies

*Illustrative ranges for pilot modeling; adjust with venue data post-launch.

Phased Rollout (8–12 Weeks)

1. Discovery & Mapping: PoS inventory, mobile flows, vendor contracts, tax schemas, section-by-section pilot plan.

2. Sandbox & Integrations: venue ledger, PoS API, wallet onboarding, artifact market hooks, reporting exports.

3. Section Pilot: 1–2 concourses + pop-up "Energy Redemption" kiosk. Measure throughput, NPS, and ops load.

4. Venue-Wide Go-Live: add loyalty multipliers, sponsor bundles, automated splits, and nightly compliance exports.

5. League Playbook: templatize for multi-venue and traveling events; activate cross-stadium artifacts & perks.

FAQ

How does Solar relate to USD pricing?

Locally, the venue can show comparative USD prices; settlement occurs in Solar credits on the venue ledger. Globally, 1 Solar is anchored to 4,913 kWh. On retirement for power, PPAs fulfill to the specific redeemer as recorded on the ledger.

What about taxes and audits?

All transactions are tax-inclusive by design. The system exports jurisdiction-ready reports and immutable split records for rights holders and regulators.

Do fans need a new app?

Fans can sign in with an existing TC-S wallet or a quick link at entry. Their daily Solar becomes usable inside the venue's private network immediately.

Can this scale to leagues?

Yes. The "Yankee pattern" becomes a league template: consistent APIs, settlement logic, and artifact standards; local incentives per venue.