

South Korea / Site / Published revision 1

Equinix Hyangdong xScale campus (SL2x and SL3x)

40 MW • Facility power

SL2x active electrical supply design

Development status: operational, under construction

Campus-level grouping of adjacent Equinix SL2x and SL3x in Hyangdong, Goyang. SL2x is operational and contains the SL4 retail IBX. SL3x contractor records describe construction with a September 2025–December 2027 contract period; commissioning is unconfirmed. SL2x capacity publications conflict between 20 MW and 22 MW IT, with additional 24 MW whole-building reporting. No reconciled campus total is adopted.

Last researched: 2026-10-07 | Last verified: Not independently verified

Tracked dataset only. Unknown values are not zero. Evidence dates and measurement definitions must be considered when comparing sites.

Site photographs

No approved property photo available.

Site profile

Field	Published information
Operator	Equinix [1] [4] [5]
Owner	Unknown
Business model	colocation [2] [11]
Scale	hyperscale [3] [5]
Country	South Korea [1] [3]
State / region	Gyeonggi-do [1]
Metro area	Seoul [3]
City / locality	Goyang-si [1] [3]
Address	69 Hyangdong-ro, Deogyang-gu, Goyang-si, Gyeonggi-do 10545, South Korea (SL2x address; SL3x parcel boundary unresolved) [1] [2]
Coordinates	Unknown · unknown precision. Operator street address establishes SL2x in Hyangdong, Goyang; no corroborated facility marker or campus boundary coordinates obtained.
Parent	Not assigned

Capacity evidence

Do not add these claims together. IT load, facility power, grid connection and unspecified power are different measurements. Cumulative and incremental scopes remain separate.

Measurement	Development scope	Evidence / accounting
22 MW IT load	SL2x operational · cumulative	[2] conflicting · 2026-10-07 Excluded from totals. As-of is retrieval date; sheet carries copyright 2024 without an established publication date. Technical table explicitly identifies IT power. Conflicts with current country FAQ.
20 MW Unspecified power	SL2x xScale offering operational · cumulative	[4] conflicting · 2026-10-07 Excluded from totals. As-of is retrieval date of undated current FAQ. SL2x sentence says supports 20 MW; preceding retail sentence explicitly uses IT capacity, but SL2x basis is not separately defined. Conflicts with 22 MW technical sheet.
24 MW Unspecified power	SL3x future capacity planned · cumulative	[2] reported · 2026-10-07 Excluded from totals. As-of is retrieval date; copyright 2024 is not treated as publication date. Future design capacity, not evidence of energized capacity or opening.

Measurement	Development scope	Evidence / accounting
>45 MW Unspecified power	SL2x and SL3x combined joint-venture development planned · cumulative	[5] reported · 2022-01-26 Excluded from totals. Announcement-date combined development forecast; overlaps individual facility claims and must not be added to them.
24 MW Unspecified power	SL2x whole building including general-enterprise allocation operational · cumulative	[10] conflicting · 2024-09-26 Excluded from totals. Management remarks reported by Yonhap describe 2 MW allocated to general enterprises within 24 MW. This may explain part of the 22 MW distinction but does not reconcile the later 20 MW claim.
40 MW Facility power	SL2x active electrical supply design operational · cumulative	[8] reported · 2026-10-07 Excluded from totals. Retrieval-date architect specification lists 40 MW active plus 40 MW standby. Standby is redundancy, not additional sellable capacity; actual energized demand is unknown.
12 MW Unspecified power	SL2x first phase, Seoul 2x-1 planned · incremental	[11] reported · 2023-11-24 Excluded from totals. Historical planned Q1 2024 phase capacity reported from earnings material; overlaps ultimate building capacity and is not proof of current live load.

Development timeline

2022-01-26 · announcement · Korean xScale joint venture announced

Equinix and GIC announced a proposed US\$525 million development and operating venture for SL2x and SL3x; closing was conditional. [5]

2024 · actual_completion_reported · SL2x project completion

SAMOO identifies 2024 as project completion year; precise commissioning day not established. [8]

2024-11 · planned_groundbreaking · SL3x historical groundbreaking target

September 2024 management briefing targeted November groundbreaking; this source does not establish that it occurred. [10]

2025-09-15 · actual_contract_award_reported · SL3x telecommunications contract

Shinbo reports its SL3x construction contract with POSCO E&C as main contractor. [7]

2027-12 · planned_contract_completion · SL3x contractor work-period endpoint

Shinbo lists a September 2025–December 2027 work period; this is not an operator commissioning commitment. [7]

Disclosed specifications

SL2x colocation space: 5,596 m²

Copyright-2024 technical sheet; current facility page instead gives 5,503 m². Scope/date reconciliation needed. [2]

SL2x current advertised colocation space: 5,503 m²

Current facility page; conflicts with technical-sheet 5,596 m². [1]

SL2x building floor area: 21,769 m²

Architect project area; not land area or colocation area. [8]

SL2x building levels: 7 above-ground floors and 3 basement levels

Architect description; current operator page describes a ten-storey steel structure, whereas technical sheet describes reinforced concrete. Construction terminology/materials unresolved. [8]

SL2x cooling: N+2 air-cooled chillers; N+20% fan-wall redundancy

Technical-sheet design specification. [2]

SL2x power infrastructure: Dual redundant 22 kV supplies; block-redundant N+1 UPS; N+1 standby generators

Design specifications, not actual utilization. [2]

SL2x architect reliability design: Tier III; 2N modular UPS

Architect claim; certification award not established and UPS terminology differs from operator sheet. [8]

SL2x interconnection: Carrier-neutral connectivity, cross-connects and Smart Hands

Operator technical sheet; named hyperscalers are not confirmed tenants. [2]

SL4 within SL2x: Retail IBX within the SL2x building

Do not count SL4 as another physical property. [1]

SL2x advertised certifications: ISO 14001, ISO 22301, ISO 27001, ISO 9001, PCI DSS, SOC 1 Type II, SOC 2 Type II

Current facility page listing; certificate scope and validity documents not inspected. Older technical sheet marks several as targeted. [1]

Renewable energy coverage: 100% across Equinix Korea sites

Country-level operator statement at retrieval; mechanism and SL3x applicability unresolved. [4]

Historical venture structure: GIC 80%; Equinix 20%; US\$525 million announced investment

Conditional 2022 agreement; not proof of present land title. CapitaLand involvement separately documented. [5]

Research gaps

- Precise coordinates and combined campus boundary
- SL3x separate street address and parcel identification
- Current legal property owner and relationship between CapitaLand property ownership and the Equinix-GIC operating joint venture
- Reconciliation of SL2x 20 MW, 22 MW IT and 24 MW whole-building claims

- Actual SL3x commissioning date and construction progress as of October 2026
- Current occupied or energized IT capacity and public tenants
- Campus land area, PUE, rack density and site-specific renewable procurement
- Image reuse permission and photographic capture dates

Sources and field evidence

Attribution does not establish independent verification or permission to reuse images. URLs refer to public evidence.

[1] Equinix SL2x facility page

<https://www.equinix.com/data-centers/asia-pacific-colocation/korea-colocation/seoul-data-center/sl2x>

Published: Unknown · Retrieved: 2026-10-07

Lists the Goyang street address and identifies SL4 as located inside SL2x; publishes current building specifications.

[2] Equinix SL2x Data Center Technical Specifications

https://www.equinix.com/content/dam/eqxcorp/en_us/documents/resources/ibx-tech-specs/ibx_sl2x_en.pdf

Published: Unknown · Retrieved: 2026-10-07

Copyright 2024, not a confirmed publication date. Identifies Hyangdong location, SL2x 22 MW IT, future SL3x 24 MW, and SL2x technical specifications.

[3] SL2x 서울 데이터 센터

<https://www.equinix.com/kr/ko/resources/data-sheets/seoul-sl2x-tech-specs>

Published: Unknown · Retrieved: 2026-10-07

Korean operator page identifies SL2x in Hyangdong-dong, Deogyang-gu, Goyang, within the Seoul metro and reports 22 MW.

[4] Korea Data Center, Colocation & AI-Ready Infrastructure

<https://www.equinix.com/data-centers/asia-pacific-colocation/korea-colocation>

Published: Unknown · Retrieved: 2026-10-07

Current country FAQ describes operating facilities and says SL2x supports 20 MW; states country-wide 100% renewable energy coverage.

[5] Equinix and GIC to Invest US\$525 Million to Build Hyperscale Data Centers in Korea

<https://newsroom.equinix.com/2022-01-26-Equinix-and-GIC-to-Invest-US-525-Million-to-Build-Hyperscale-Data-Centers-in-Korea>

Published: 2022-01-26 · Retrieved: 2026-10-07

Announces SL2x and SL3x joint venture, expected combined capacity above 45 MW, and proposed GIC/Equinix equity shares of 80%/20%.

[6] Equinix Seoul Data Centers

<https://www.equinix.com/data-centers/asia-pacific-colocation/korea-colocation/seoul-data-center>

Published: Unknown · Retrieved: 2026-10-07

Explicitly describes SL2x as adjacent to SL3x and SL4 as within SL2x; still carries historical planned-2024 opening language.

[7] Shinbo: Goyang CapitaLand SL3x telecommunications construction contract

<https://www.shinbonet.com/m/promotion/news.php?idx=966&ptype=view>

Published: 2025-09-30 · Retrieved: 2026-10-07

Contractor identifies SL3x new-build telecommunications work, POSCO E&C as main contractor, September 15 award date, and September 2025–December 2027 construction period.

[8] SAMOO: CapitaLand Data Center (EQUINIX SL2x)

<https://samoo.com/home/works/view.do?cntntsSn=45588>

Published: Unknown · Retrieved: 2026-10-07

Architect explicitly links CapitaLand project name to SL2x; lists 2024 completion, 21,769 m² floor area, seven above-ground and three basement levels, and 40 MW active plus 40 MW standby electrical supply.

[9] CapitaLand Korea Data Center 1

<https://www.capitaland.com/en/find-a-property/global-property-listing/data-centres/capitaland-koreadatacenter1.html>

Published: Unknown · Retrieved: 2026-10-07

Lists parcel-style address 585 Hyangdong-dong, 24 MW hyperscale capacity, 40 MW power capacity, CLI owned and/or managed platform, and under-development status; mapping to SL2x is supported by SAMOO but legal ownership and stale status remain unresolved.

[10] Yonhap: Equinix plans third Korean data center groundbreaking in November

<https://www.yna.co.kr/view/AKR20240926089800017>

Published: 2024-09-26 · Retrieved: 2026-10-07

Reports Equinix Korea management describing SL2x as 24 MW including 2 MW for general enterprises, SL3x as 24 MW hyperscale capacity, and planned November 2024 groundbreaking.

[11] DCD: Equinix to launch Seoul IBX data center in Q1 2024, within xScale facility

<https://www.datacenterdynamics.com/en/news/equinix-to-launch-seoul-ibx-data-center-in-q1-2024-within-xscale-facility/>

Published: 2023-11-24 · Retrieved: 2026-10-07

Reports SL4 retail space within SL2x, 475 cabinets, connectivity plans, and a planned 12 MW SL2x first phase.

Name: [2] [6]

Kind: [6]

Country: [1] [3]

Region: [1]

City: [1] [3]

Metro: [3]

Address: [1] [2]

Operator: [1] [4] [5]

Business Model: [2] [11]

Scale: [3] [5]

Statuses: [4] [7] [8]

Summary: [1] [2] [4] [6] [7] [10]

Location: [1] [3]

Stable identifier: d1e513eb-a294-4bb8-b8ca-b1db24a01e4b