

South Korea / Site / Published revision 1

Digital Edge Seoul Bupyeong Campus (SEL2 & SEL3)

120 MW • IT load

Historical full Bupyeong joint-venture development

Also known as: Seoul Bupyeong Campus • Digital Edge Bupyeong Campus

Development status: operational, under construction

Digital Edge campus developed with SK ecoplant. SEL2 operates; adjacent SEL3 is under construction. Campus power claims differ across dated sources and should not be aggregated.

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	Digital Edge [1] [3] [4]
Owner	Unknown
Business model	colocation [1] [3]
Scale	hyperscale [4]
Country	South Korea [1] [3] [5]
State / region	Incheon [1] [5]
Metro area	Seoul metropolitan area [3] [4]
City / locality	Incheon [1] [5]
Address	422 Cheongcheon-dong, Bupyeong-gu, Incheon, South Korea [5]
Coordinates	37.518, 126.7109 • approximate precision. Operator SEL2 specification-sheet point, used as an approximate campus reference; parcel address corroborated by local reporting, but footprint and point placement were not independently verified.
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
36 MW Unspecified power	SEL2 first phase operational · incremental	[3] reported · 2024-10-16 Excluded from totals. Announcement date; rated capacity, not demonstrated utilization. Original release does not explicitly distinguish IT and facility power.
60 MW Unspecified power	SEL3 second phase under construction · incremental	[4] reported · 2025-07-10 Excluded from totals. Announcement date; future addition, not operational capacity.
96 MW Unspecified power	Entire campus after SEL3 completion under construction · cumulative	[4] conflicting · 2025-07-10 Excluded from totals. Announcement date; ultimate mixed-status campus scope. Conflicts with older totals; not added to phase claims.
≥100 MW Unspecified power	Ultimate campus described at SEL2 launch planned · cumulative	[3] conflicting · 2024-10-16 Excluded from totals. Announcement date. Source writes 100+ MW; preserved as a lower-bound claim. Differs from subsequent 96 MW total.
120 MW IT load	Historical full Bupyeong joint-venture development planned · cumulative	[7] conflicting · 2022-05-05 Excluded from totals. Industry article publication date, not commissioning date. Historical total IT power conflicts with later campus scope; operator sheet and developer article also retain 120 MW without an explicit basis.
120 MW Unspecified power	Bupyeong development described by SK ecoplant under construction · cumulative	[6] conflicting · 2024-01-05 Excluded from totals. Developer article date; historical development description, not proof of delivered capacity or a separate addition.

Development timeline

2024-08 · actual_reported · SEL2 Ready-for-Service

Later operator release dates SEL2 RFS to August 2024. [4]

2024-10-16 · announcement · SEL2 availability announced

Public launch announcement confirms service availability. [3]

2025-05 · actual_reported · SEL3 construction began

Operator reports start of second-phase construction. [4]

2025-07-10 · announcement · SEL3 financing secured

KRW 800 billion Green Loan announced. [4]

2027-Q4 · planned · SEL3 service target

Target Ready-for-Service quarter; not an achieved milestone. [4]

Disclosed specifications**Developer: SK ecoplant, in partnership with Digital Edge**

Partnership is established; legal ownership allocation remains unresolved. [4]

SEL2 cabinet density: Up to 130 kW with liquid cooling

Conditional design capability; not evidence of installed customer density. [3]

SEL2 design PUE: 1.25 annualized

Design figure at launch, distinct from current advertised annual PUE. [3]

Advertised annual PUE: 1.28

Current campus page; measurement period and phase scope unspecified. [1]

Colocation area and cabinets: 10,966 m²; 3,480 cabinets

Shown beside 36 MW details, apparently SEL2; not established as total campus floor area. [1]

Power redundancy and density: 10 kVA per cabinet; N+1 SUPS; 100% dual-power SLA

Operator marketing specifications beside SEL2 details. [1]

Advertised certifications: ISO 9001, 14001, 14064, 27001, 45001, 50001; SOC 2 Type II; PCI DSS; Tier 3; LEED Silver

Listed by operator; certificates, certification body and phase scope not inspected. [1]

Connectivity: Cross Link to SEL1 and third-party telecommunications services

Historical sheet describes opening plans; current implementation not independently established. [5]

Auxiliary energy proposal: 330 kW solid oxide fuel cell

Developer's January 2024 planned auxiliary supply; commissioning not established. Excluded from load-capacity totals. [6]

Public business contact: info@digitaledge.com

Operator general inquiry address. [1]

Research gaps

- Legal property owner and current ownership shares
- Power basis and reconciliation of 96 MW, 100+ MW and historical 120 MW
- Independent parcel boundary and building-marker confirmation
- Named tenants
- Actual grid connection capacity and current utilization
- Certification scope and certificates

- Completed-property photographs with confirmed reuse rights

Sources and field evidence

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

[1] South Korea Data Centers in Seoul and Busan

<https://www.digitaledge.com/products-services/data-centers/south-korea/>

Published: Unknown · Retrieved: 2026-10-07

Operator groups SEL2 and SEL3 as Seoul Bupyeong Campus in Incheon and publishes current capacity and facility specifications.

[2] SEL2 Seoul Data Center

<https://www.digitaledge.com/resources/data-center/sel2/>

Published: Unknown · Retrieved: 2026-10-07

Operator identifies SEL2 as the first phase of a 100+ MW Bupyeong-gu project.

[3] Digital Edge Announces Availability of 36MW Data Center in South Korea

<https://www.digitaledge.com/resources/newsroom/digital-edge-announces-availability-of-36mw-data-center-in-south-korea/>

Published: 2024-10-16 · Retrieved: 2026-10-07

Ready-for-Service announcement identifies SK Ecoplant partnership, liquid-cooling density capability, design PUE and an unnamed anchor tenant.

[4] Digital Edge Secures Financing to Complete Major Data Center Campus

<https://www.digitaledge.com/resources/newsroom/digital-edge-secures-financing-to-complete-major-data-center-campus/>

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

Operator reports SEL3 construction, financing and delivery target; describes SEL2 as a hyperscale facility and dates its RFS to August 2024.

[5] SEL2 specification sheet

https://www.digitaledge.com/wp-content/uploads/2023/06/SEL2_Specsheet_EN.pdf

Published: Unknown · Retrieved: 2026-10-07

Operator sheet provides parcel address and coordinates, historical 120 MW scope and connectivity plans. Copyright 2023 is not treated as publication date; an apparent Yeoksam access-text error reduces confidence in ancillary directions.

[6] SK Ecoplant Bupyeong 120MW, 330kW SOFC

<https://news.skecoplant.com/board/14516>

Published: 2024-01-05 · Retrieved: 2026-10-07

Developer describes the Bupyeong project as 120 MW and proposes a 330 kW SOFC auxiliary supply.

[7] Digital Edge and SK Ecoplant to Build a 120MW Data Center in South Korea

<https://datacenterplanet.com/news/digital-edge-and-sk-ecoplant-to-build-a-120mw-data-center-in-south-korea>

Published: 2022-05-05 · Retrieved: 2026-10-07

Industry report explicitly describes historical joint-venture project capacity as total IT power of 120 MW.

Name: [1]

Aliases: [1] [4]

Kind: [1] [4]
Country: [1] [3] [5]
Region: [1] [5]
City: [1] [5]
Metro: [3] [4]
Address: [5]
Operator: [1] [3] [4]
Business Model: [1] [3]
Scale: [4]
Statuses: [1] [4]
Summary: [1] [3] [4] [5]
Location: [5]
Stable identifier: dd3f3081-f6e4-4668-8df1-03c67ff6fae3