

South Korea / Site / Published revision 1

LG Uplus Pyeongchon Mega Center

165 MW · Unspecified power

Both internal phases of Pyeongchon Mega Center once delivered

Also known as: · · LG U+ Pyeong-chon Mega Center

Development status: operational

LG Uplus operates this commercial data-center site in Anyang, comprising two data-center buildings and one office building. First-stage service opened in August 2015. The operator reports 165 MW maximum electricity receiving capacity; this is not a disclosed IT load. Pyeongchon 2 is a separate facility at a different address.

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	LG Uplus [2] [5]
Owner	Unknown
Business model	colocation [4] [9]
Scale	hyperscale [8]
Country	South Korea [10]
State / region	Gyeonggi-do [1] [2]
Metro area	Unknown
City / locality	Anyang [1] [2]
Address	29, Simin-daero 327beon-gil, Dongan-gu, Anyang, Gyeonggi-do, South Korea (Gwanyang-dong 1743-1) [1] [2]
Coordinates	Unknown · unknown precision. Operator confirms parcel and street addresses; no corroborated place-marker 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
165 MW Grid connection	Pyeongchon Mega Center site; maximum electricity receiving capacity operational · cumulative	[1] reported · 2026-10-07 Excluded from totals. As-of is retrieval date of undated operator listing, not commissioning date. Operator defines receiving capacity as maximum power available from KEPCO. Does not establish actual draw or IT load; internal phase allocation unknown.
165 MW Grid connection	Pyeongchon IDC development under construction · cumulative	[10] reported · 2014-04-24 Excluded from totals. As-of is announcement publication date. Described as power supply capacity during development; overlaps the current site receiving-capacity figure and must not be added.
165 MW Unspecified power	Both internal phases of Pyeongchon Mega Center once delivered planned · cumulative	[9] conflicting · 2015-06-01 Excluded from totals. As-of is article publication date. Industry wording describes designed total consumption, whereas the operator identifies receiving capacity. Retained as a conflicting interpretation, not an independent IT-load figure.

Development timeline

2014-11-04 · announcement · Pyeongchon Mega Center name announced

LG Uplus selected the name for the developing IDC; opening was then planned for July 2015. [11]

2015-07 · planned · Original opening target

July 2015 opening target reported in the 2014 development announcement; later actual first-stage opening is separately documented. [10]

2015-07-26 · actual · Construction completed

Completion date retrospectively reported by LG; does not independently establish completion of every internal future phase. [3]

2015-08-01 · actual · First-stage service opened

LG reports first-stage opening and subsequent customer move-ins. [3]

2023-11-27 · announcement · ISO 22301 certification reported

Operator announced DNV business-continuity certification for Pyeongchon Mega Center. [5]

2023-12 · actual · Disaster-reduction certification

Month of certification retrospectively reported in January 2024 operator release. [7]

2024-01-29 · announcement · Disaster-reduction commendation reported

Operator announced a Ministry of the Interior and Safety commendation. [7]

Disclosed specifications

Gross floor area: 85,547.11 m²

Current operator listing; older materials round to 85,548 m² or give 85,547 m². [2]

Land area: 17,281 m²

2014 development disclosure; 2024 reporting gives approximately 17,282 m². Not independently reconciled against cadastral records. [11]

Building configuration: Two data-center buildings and one office building

Site-level configuration; internal phases are not equated with the separate Pyeongchon 2 facility. [1]

White space: 27,770 m²

Undated operator brochure; phased development scope and currently fitted-out area unresolved. [4]

Building levels: Seven above ground; three basement levels

Operator brochure configuration. [4]

Rack power: Average 8 kW per rack

Operator facility page; older brochure and opening-era material describe 10 kW. Different service/design claims are not reconciled. [1]

Cooling: Air-side economizer and seasonal free cooling

Brochure claims outside-air cooling for more than seven months; current measured cooling performance unknown. [4]

PUE claim: 1.4

Undated brochure marketing claim; not established as current measured annual PUE. [4]

Certification: Uptime Tier III design certification

Operator explicitly describes design certification; no operational sustainability certification inferred. [1]

Business continuity: ISO 22301 certification reported by operator

DNV certification announcement dated November 27, 2023; current certificate validity not checked. [5]

Public business contact: 1544-0001

Business customer hotline printed in operator brochure; current routing not verified. [4]

Research gaps

- Corroborated geographic coordinates and property boundary
- Legal land/building owner and subsequent ownership changes
- Actual IT load and energized capacity by building or phase
- Completion and operational dates of internal second phase
- Current rack count, occupancy and achieved PUE
- Current site-specific liquid cooling deployment

- Image capture dates and reuse permissions

Sources and field evidence

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

[1] IDC - 16만 1천평 | LG U+

<https://www.lguplus.com/biz/all/telecom/idc/center/B000000031>

Published: Unknown · Retrieved: 2026-10-07

Lists Pyeongchon Mega Center at Gwanyang-dong 1743-1 and Simin-daero 327beon-gil 29. Defines receiving capacity as maximum power receivable from KEPCO and lists 165,000 kW. Provides building configuration, area and infrastructure specifications.

[2] AI 16만 1천평 | LG U+

<https://www.lguplus.com/biz/solution/type/aidc>

Published: Unknown · Retrieved: 2026-10-07

Current operator page describes directly built and operated centers. Separately lists Pyeongchon Mega at Gwanyang-dong 1743-1, 85,547.11 square meters, and Pyeongchon 2 at Beolmal-ro 113. Offers colocation and other IDC services.

[3] LG에너지, BDBEBC 16만 1천평 IDC '16만 1천평' 16만 1천평

<https://www.lg.co.kr/media/release/4607>

Published: 2015-09-16 · Retrieved: 2026-10-07

Reports construction completion on July 26, 2015 and first-stage opening on August 1, 2015, with customers moving in. Describes outside-air cooling and high-density services.

[4] LG U+ Pyeong-chon Mega Center — operator brochure

https://image.uplus.co.kr/images/download/Introducing_LGU%2B_Pyeongchon_Mega_Center%EC%98%81%EB%AC%B8.pdf

Published: Unknown · Retrieved: 2026-10-07

English operator brochure identifies the site in Anyang and describes colocation, phased modular buildings, seven above-ground and three basement levels, 27,770 square meters white space, free cooling and a PUE 1.4 claim. Opening shown as 2015.7 is a brochure milestone, not confirmed actual opening.

[5] LG에너지 (IDC), 16만 1천평 16만 1천평 16만 1천평

<https://news.lguplus.com/?p=13823>

Published: 2023-11-27 · Retrieved: 2026-10-07

Dated operator announcement reports DNV ISO 22301 business-continuity certification for Pyeongchon Mega Center and identifies it as an operating IDC. Accessible text contains no 165 MW claim.

[6] LG에너지, 16만 1천평 ESG IDC '16만 1천평' 16만 1천평

<https://news.lguplus.com/13762>

Published: 2023-10-26 · Retrieved: 2026-10-07

Describes Pyeongchon 2 as a newly completed second large IDC following Pyeongchon Mega Center opened in 2015; establishes separate facility identity.

[7] LG U+ 16만 1천평, 16만 1천평 16만 1천평 16만 1천평

<https://www.lguplus.com/biz/insight/trend/404>

Published: 2024-01-29 · Retrieved: 2026-10-07

Operator reports Pyeongchon Mega Center disaster-reduction commendation and December 2023 certification. Caption identifies an exterior property view.

[8] LGU+, '9' IDC... AI

<https://www.mt.co.kr/tech/2024/05/01/2024050108534488120>

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

Reports LG Uplus describing Pyeongchon Mega as an existing hyperscale commercial IDC; gives approximately 17,282 square meters site area.

[9] LG's mega data center to open in Korea in July

<https://www.datacenterdynamics.com/en/news/lgs-mega-data-center-to-open-in-korea-in-july/>

Published: 2015-06-01 · Retrieved: 2026-10-07

Industry report describes two planned phases and commercial services; calls 165 MW total designed power consumption. This wording differs from the operator's explicit receiving-capacity definition.

[10] LG Uplus Well on its Way to Establish Asia’s Largest Global Internet Center (IDC)

<https://m.lg.co.kr/media/release/3275>

Published: 2014-04-24 · Retrieved: 2026-10-07

LG announcement locates the project in Korea and reports 165 MW power supply capacity during development, with opening then planned for July 2015.

[11] LGU+ , ' '

https://www.newsis.com/view/NISX20141104_0013274599

Published: 2014-11-04 · Retrieved: 2026-10-07

Reports naming announcement, 17,281 square meters land area and 85,548 square meters gross floor area. Image caption explicitly identifies a rendering.

Name: [1] [4]

Aliases: [1] [3] [4]

Kind: [1] [4]

Country: [10]

Region: [1] [2]

City: [1] [2]

Address: [1] [2]

Operator: [2] [5]

Business Model: [4] [9]

Scale: [8]

Statuses: [2] [5] [7]

Summary: [1] [2] [3] [6]

Location: [1] [2]

Stable identifier: d499065d-19c5-4ca1-b549-06d5c663f385