

Philippines / Site / Published revision 2

VITRO Santa Rosa

50 MW • Facility power

VITRO Santa Rosa total power capacity

Also known as: VITRO Sta. Rosa • VSR • ePLDT VITRO Sta Rosa

Development status: operational

Operational VITRO hyperscale colocation site in Santa Rosa, Laguna, publicly launched in April 2025. Published specifications distinguish 36 MW IT load, 50 MW total power and a dedicated 60 MW substation. Initial-phase reporting does not establish how much ultimate capacity is currently commissioned. Legal ownership following the 2026 corporate restructuring remains unresolved.

Last researched: 2026-09-11 | 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



Photo: VITRO Santa Rosa exterior photograph showing the signed facade and upper building against a clear sky; capture date unknown. [21]

Attribution: metro.style. Published: Unknown; captured: Unknown; retrieved: 2026-09-11.

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Site profile

Field	Published information
Operator	VITRO (ePLDT / PLDT Group) [2] [16] [19]
Owner	Unknown
Business model	colocation [11] [16]
Scale	hyperscale [18] [19]
Country	Philippines [15] [2]
State / region	Laguna [15] [2]
Metro area	Manila [12]
City / locality	Santa Rosa [15] [2]
Address	Tagaytay-Balibago Road, Barangay Pulong Sta. Cruz, Santa Rosa City, Laguna, Philippines [15]
Coordinates	14.268688, 121.081342 · approximate precision. PeeringDB facility geocode, closely matching the user-reported pin at 14.26865, 121.081225. Locality corroborated by facility directories; parcel boundaries and street-level point placement were not established.
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 IT load	Advertised total IT load capacity of VITRO Santa Rosa operational · cumulative	[1] reported · 2026-09-11 Excluded from totals. As-of is retrieval date of undated facility page. Operational describes the site; the source does not establish that all advertised capacity is commissioned or occupied.
50 MW Facility power	VITRO Santa Rosa total power capacity operational · cumulative	[4] reported · 2026-09-11 Excluded from totals. As-of is retrieval date of undated operator announcement, which explicitly calls this total power capacity. Do not add to IT load or substation capacity.
60 MW Grid connection	Dedicated substation serving VITRO Santa Rosa operational · unclear	[1] reported · 2026-09-11 Excluded from totals. As-of is retrieval date. Advertised substation rating, corroborated by Mace, is not proof of contracted utility import capacity or actual demand.

Measurement	Development scope	Evidence / accounting
≈10 MW Unspecified power	First phase at April 2025 launch operational · incremental	[6] reported · 2025-04-23 Excluded from totals. As-of is article publication date. Article reports about 10 MW in the first phase without explicitly identifying the power basis.
10 MW IT load	Historical initial IT capacity planned for 2024 planned · incremental	[7] reported · 2026-09-11 Excluded from totals. As-of is retrieval date of undated retained historical text; target year is 2024. Likely overlaps the launch-phase claim; no inference of a second 10 MW increment.
10 MW IT load	Additional Santa Rosa IT-ready capacity targeted for activation by end-2026 planned · incremental	[17] reported · 2026-08-13 Excluded from totals. As-of is the earnings-call date identified by the third-party transcript. IT basis follows the surrounding discussion of activated IT-ready capacity. This is a future activation target, not confirmation of commissioning; original operator transcript not located. Do not add to advertised ultimate site capacity.

Development timeline

2022-02 · announcement · Santa Rosa data center announced

DCD retrospectively dates initial project announcement to February 2022. [6]

2022-03 · actual_groundbreaking · Groundbreaking

DCD reports groundbreaking in the month after the initial announcement. [6]

2024-04 · planned_energization · Switching-station energization target

Historical operator announcement targeted energization of the dedicated Meralco switching station in April 2024; actual date not established. [8]

2024-07 · planned_opening · Original go-live target

Operator targeted July 2024 opening; this target is not treated as proof of commercial service. [8]

2024-07 · actual_structural_completion · Topping-out reported

DCD retrospectively reports topping-out in July 2024. [6]

2024-09-05 · announcement · Ciena interconnection announced

Supplier announced planned connections to other VITRO facilities; completion date not established by this announcement. [10]

2025-04-23 · actual_launch · Public launch

DCD reports inauguration and first-phase launch; government coverage corroborates the launch that month. [6]

2026-05-22 · announcement · LEED Gold announced

Operator archive announces receipt of LEED Gold; certification award date and registry identifier remain unconfirmed. [13]

2026-06-16 · announcement · Toyota colocation partnership

Operator archive announces a colocation agreement with Toyota Motor Philippines. [13]

2026-03-03 · actual_certification_award · TIA constructed-facility certification awarded

TIA's registry records EPI certificate TIA942PH260303001, ANSI/TIA-942-B Constructed Facility Rated 3, expiring March 2, 2029. Earlier certification publicity requires reconciliation with this registry award. [15]

2026 · planned_capacity_activation · Additional 10 MW targeted by year-end

August earnings-call reproduction reports a target to activate the next 10 MW at Santa Rosa by the end of 2026. Completion is not established. [17]

Disclosed specifications

Land area: 5 hectares

Published site area; parcel survey not obtained. [5]

White space — facility page: 12,140 sqm

Conflicts with brochure; retain both pending reconciliation. [1]

White space — brochure: 13,140 sqm

Conflicts with facility page; publication date unknown. [5]

Data halls and racks: 18 halls; up to 4,500 racks at 8 kW/rack

Advertised configuration, not occupied rack count. [1]

Power redundancy: 2N UPS per hall; dual utility feeds; N+1 generators; 72-hour fuel backup

Operator design specifications. [1]

Cooling: Fully redundant water-cooled system; 10-minute thermal storage

No measured water consumption disclosed in reviewed material. [1]

Service availability: 99.99% uptime SLA

Contractual advertised target, not measured historical uptime. [9]

Design PUE: 1.4

Operator value; Baxtel lists 1.2 without reconciliation. Neither establishes measured operational PUE. [1]

Renewable electricity: Minimum 35% on day one

Operator claim; Baxtel lists 11%. Current delivered share not independently established. [1]

Network access: Carrier-neutral; at least three points of entrance; international cable-landing-station connections

Operator advertises diverse routes; PeeringDB lists the VITRO Internet Exchange. [1]

Inter-data-center connectivity: Ciena Waveserver Ai and 6500 coherent optical technology

September 2024 announcement targeted links with Makati, Paranaque and Pasig. [10]

TIA certification: TIA-942 Rated 3; Rated 4 readiness claimed

Operator reports Rated 3 certification; Rated 4 readiness does not establish Rated 4 certification. [4]

Environmental certification: LEED Gold announced May 22, 2026

Supported by operator archive; underlying article fetch failed and certification registry was not checked. [13]

Publicly disclosed customer: Toyota Motor Philippines

Operator archive announces colocation partnership June 16, 2026. [13]

Publicly disclosed hosted platform: ePLDT NVIDIA-powered GPU servers

Operator reports hosting for ePLDT AI services; no private tenant details inferred. [4]

Development and delivery: VITRO developer; Mace project and construction management

Mace identifies VITRO as commissioning client. [9]

Public business contact: customercare@vitrodc.com; +63 (2) 888-VITRO

General operator contact. The website's Makati office address is not this facility address. [1]

TIA constructed-facility certification: ANSI/TIA-942-B Rated 3; EPI certificate TIA942PH260303001

Registry status active; awarded 2026-03-03; expires 2029-03-02. Does not establish Rated 4 certification or reconcile earlier award publicity. [15]

Environmental certification: LEED Gold

PLDT's August 13, 2026 SEC-filed release confirms the achievement. Registry identifier, award date and scorecard remain unresolved. [16]

Electrical distribution equipment: ABB ZX2 and SafePlus gas-insulated switchgear; Tmax XT and Emax 2 circuit breakers; protection devices and M4M analyzers

ABB reports delivery with Distribution & Control Products, Inc. in its November 26, 2025 customer story. [18]

Telecommunications space: 608 sqm; eight telco rooms with 26 racks each

Advertised brochure configuration, not occupied rack count. [20]

Inter-data-center connectivity: VITRO Data Centre Interconnect links to other flagship VITRO facilities and international cable landing stations

Mace describes existing connections; commissioning date and completion of each previously announced Ciena route are not specified. [19]

Research gaps

- Parcel boundaries, street number and surveyed building coordinates; the registry street address does not establish exact pin placement.
- Current legal property owner and completion of transfers involving VITRO REIT and VITRO Santa Rosa, Inc.
- Currently commissioned and occupied IT capacity; completion of the reported additional 10 MW targeted for end-2026.

- Phase-by-phase completion dates and definitive first commercial service date.
- White-space discrepancy remains: historical facility-page claim of 12,140 sqm versus brochure claim of 13,140 sqm.
- Measured operating PUE, current renewable-electricity share, water consumption and utility connection agreement.
- LEED registry identifier, award date and scorecard; relationship between earlier TIA certification publicity and the registry's March 2026 constructed-facility award.
- Complete tenant list, photographic capture dates and image reuse permissions.

Sources and field evidence

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

[1] VITRO Santa Rosa — official facility page

<https://vitrodc.com/data-centers/vitro-sta-rosa/>

Published: Unknown · Retrieved: 2026-09-11

Facility specifications identify 36 MW IT load, 18 halls, 12,140 sqm white space, up to 4,500 racks, redundant cooling and a 60 MW substation; identifies VITRO as developer.

[2] VITRO Santa Rosa — PeeringDB

<https://www.peeringdb.com/fac/15837>

Published: Unknown · Retrieved: 2026-09-11

Facility entry identifies Vitro Inc., Santa Rosa, Laguna, PH, plus code 739J+FGG and coordinates 14.268688, 121.081342. Entry last updated September 26, 2025.

[3] PH first AI-ready hyperscale data center launched in Laguna

<https://pia.gov.ph/news/ph-first-ai-ready-hyperscale-data-center-launched-in-laguna/>

Published: 2025-04-25 · Retrieved: 2026-09-11

Government report confirms the launch of VITRO Santa Rosa in Laguna, Philippines, describing a 50 MW hyperscale facility.

[4] VITRO Inc. sets benchmark in Data Center Excellence, led by AI-ready Santa Rosa Site

<https://vitrodc.com/vitro-benchmark-data-center-excellence-ai-ready-santa-rosa/>

Published: Unknown · Retrieved: 2026-09-11

Operator calls VSR operational with 50 MW total power, reports TIA-942 certification and hosting of ePLDT NVIDIA GPU servers.

[5] VITRO brochure — Santa Rosa facility specifications

<https://vitrodc.com/wp-content/uploads/2024/02/VITRO-BROCHURE-7232025.pdf>

Published: Unknown · Retrieved: 2026-09-11

PDF page 10 describes a five-hectare property, 13,140 sqm white space, 36 MW IT capacity, 18 halls and a 60 MW substation. Publication date not inferred from filename.

[6] PLDT launches Sta. Rosa data center

<https://www.datacenterdynamics.com/en/news/pldt-launches-sta-rosa-data-center/>

Published: 2025-04-23 · Retrieved: 2026-09-11

Reports launch, approximately 10 MW first phase, February 2022 announcement, March 2022 groundbreaking and July 2024 topping-out.

[7] Data Center Sites — VITRO

<https://vitrodc.com/data-centers/data-center-sites/>

Published: Unknown · Retrieved: 2026-09-11

Retains forward-looking text for initial 10 MW IT power in 2024; this appears historical and does not prove current delivered capacity.

[8] ePLDT VITRO on-track to open the Philippines' biggest hyperscale data center in Sta. Rosa

<https://vitrodc.com/epldt-vitro-on-track-to-open-the-philippines-biggest-hyperscale-data-center-in-sta-rosa/>

Published: Unknown · Retrieved: 2026-09-11

Historical announcement targets July 2024 go-live and April 2024 switching-station energization; identifies five-hectare site and an aerial construction image.

[9] VITRO Santa Rosa — Mace

<https://www.macegroup.com/projects/vitro-santa-rosa/>

Published: Unknown · Retrieved: 2026-09-11

Project manager describes 50 MW facility, 4,500 racks, adjacent 60 MW substation, redundant water cooling and delivery for VITRO.

[10] VITRO Sta. Rosa Gears Up for Inter-Data Center Connectivity with Ciena

<https://www.ciena.com/about/newsroom/press-releases/vitro-sta.-rosa-gears-up-for-inter-data-center-connectivity-with-ciena>

Published: 2024-09-05 · Retrieved: 2026-09-11

Supplier announcement describes planned links to Makati, Paranaque and Pasig using Waveserver Ai and 6500 coherent optical technology.

[11] ePLDT VITRO Sta Rosa — Data Center Map

<https://www.datacentermap.com/philippines/santa-rosa/epldt-vitro-sta-rosa/>

Published: Unknown · Retrieved: 2026-09-11

Lists Pulong Santa Cruz, Santa Rosa 4026, Philippines; offers suites, cages and cabinets and distinguishes nearby NARRA1 and A-FLOW ML1.

[12] PLDT VITRO: Sta. Rosa — Baxtel

<https://baxtel.com/data-center/pldt-vitro-sta-rosa>

Published: Unknown · Retrieved: 2026-09-11

Lists Pulong Santa Cruz in the Manila data-center market; labels operational with future phases planned, but gives PUE 1.2 and renewable energy 11%, differing from operator specifications.

[13] Data Center category — VITRO announcements

<https://vitrodc.com/category/data-center/>

Published: Unknown · Retrieved: 2026-09-11

Operator archive dates Toyota colocation announcement June 16, 2026 and LEED Gold announcement May 22, 2026; excerpts identify Toyota partnership and receipt of LEED Gold.

[14] PLDT seeks SEC, PSE nod for Vitro maiden share sale

<https://businessmirror.com.ph/2026/06/22/pldt-seeks-sec-pse-nod-for-vitro-maiden-share-sale/>

Published: 2026-06-22 · Retrieved: 2026-09-11

Reports proposed VITRO REIT IPO and corporate-name change, with ePLDT and PLDT ownership chain. Does not establish completed transfer of this property.

[15] VITRO Inc., VITRO Sta. Rosa Data Center — TIA certification registry

<https://tiaonline.org/942-datacenter/vitro-inc-vitro-sta-rosa-data-center/>

Published: Unknown · Retrieved: 2026-09-11

Names the facility on Tagaytay-Balibago Road, Barangay Pulong Sta. Cruz, Santa Rosa City, Laguna, Philippines. Lists active ANSI/TIA-942-B Constructed Facility Rated 3 certification, EPI certificate TIA942PH260303001, awarded March 3, 2026 and expiring March 2, 2029.

[16] PLDT first-half 2026 results — SEC-filed news release

https://www.sec.gov/Archives/edgar/data/78150/000119312526348006/phi-ex99_1.htm

Published: 2026-08-13 · Retrieved: 2026-09-11

Discusses ePLDT and VITRO REIT's colocation business, Santa Rosa operations, TIA-942 Rated 3 Facility Certification and LEED Gold. Nearly 34 MW available, 44 MW end-2026 and 62.4 MW by 2027 are portfolio figures, not Santa Rosa-only capacities.

[17] PLDT Inc. August 13, 2026 earnings call transcript — third-party reproduction

https://earningscalls.dev/transcripts/pldt-inc_tel_earnings_call_transcript_2026-08-13

Published: 2026-08-13 · Retrieved: 2026-09-11

Reproduced management remarks target activation of the next 10 MW at Santa Rosa by year-end, describe its 36 MW capacity and exclude it from the initial eight-property REIT portfolio. An original operator transcript was not located.

[18] ABB powers Philippines' first AI-ready hyperscale data center with resilient, sustainable infrastructure

<https://new.abb.com/news/detail/131355/abb-powers-philippines-first-ai-ready-hyperscale-data-center-with-resilient-sustainable-infrastructure>

Published: 2025-11-26 · Retrieved: 2026-09-11

Supplier customer story identifies the Laguna site and reports delivered medium- and low-voltage electrification equipment with local partner DCPI. Includes property images and describes three independent fiber routes.

[19] VITRO Santa Rosa — Mace project case study

<https://www.macegroup.com/projects/vitro-santa-rosa/>

Published: Unknown · Retrieved: 2026-09-11

Identifies VITRO as commissioning client for project and construction management. Describes the hyperscale facility, redundant water cooling and existing VITRO Data Centre Interconnect links to flagship facilities and international cable landing stations.

[20] VITRO brochure — Santa Rosa specifications

<https://vitrodc.com/wp-content/uploads/2024/02/VITRO-BROCHURE-7232025.pdf>

Published: Unknown · Retrieved: 2026-09-11

PDF page 10 specifies 13,140 sqm white space, 36 MW IT load, 18 halls, 608 sqm telecommunications space and eight telco rooms with 26 racks each. Date is not inferred from filename.

[21] Property photo · metro.style

<https://metro.style/culture/2025/9/6/vitro-santa-rosa-data-center-vsr-1800>

Published: Unknown · Retrieved: 2026-09-11

VITRO Santa Rosa exterior photograph showing the signed facade and upper building against a clear sky; capture date unknown. Original image: <https://od2-image-api.abs-cbn.com/prod/editorImage/1757233388228Metro.Style%20VITRO%20Santa%20Rosa%20%28VSR%29%20Data%20Center.jpg>

Name: [2] [15]
Aliases: [1] [6] [11]
Kind: [5] [6]
Country: [15] [2]
Region: [15] [2]
City: [15] [2]
Metro: [12]
Address: [15]
Operator: [2] [16] [19]
Business Model: [11] [16]
Scale: [18] [19]
Statuses: [16]
Location: [2] [11]
Summary: [1] [4] [6] [14]
Media: [21]
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