



Appendix 2.16-1

Correspondence with PSEG

From: [Kiernan, Christopher](#)
To: [Terri Elkowitz](#)
Subject: [External] Updated Load Letter
Date: Thursday, March 20, 2025 4:02:38 PM

Terri,

I spoke with our planners and we would be able to meet the updated load for Phase I from our existing substation. The language I've provided previously for the EIS is still valid.

-Chris Kiernan

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RICHARD M. MCFADDEN, PE, LEED AP
PARTNER

Revised Development Electrical Service
Sands Gaming Resort
Las Vegas Sands Corporation
1255 Hempstead Turnpike
Uniondale, NY
Project No. 26107.N.000

March 14, 2025

Lisanne Altmann
Major Account Executive
PSE&G Long Island
175 East Old Country Road
Hicksville, NY 11801

Dear Lisanne Altmann:

Since our last correspondence, the Las Vegas Sands Corporation (LVS) has been revising its Phase 1 program for its proposed Integrated Resort. Sands is proposing to modify the phasing of the Integrated Resort such that at least a portion of multiple components are developed in the First Phase, and this revised First Phase would be completed in 2030. The proposed revised Phase 1 of the Integrated Resort would consist of the following:

1. Gaming (242,800 sq.ft. net gaming area).
2. Gaming circulation and support (169,952 sq.ft.).
3. Hotel (215,970 sq.ft. – 250 keys).
4. Spa (included in hotel square footage).
5. Meeting and conference space (90,000 sq.ft.).
6. Food and beverage (90,000 sq.ft. – 2,000 seats).
7. Retail (1,500 sq.ft.).
8. Performance venue (58,200 sq.ft. – 1,500 seats).
9. Veterans memorial (no sq.ft.).
10. Support areas (326,977 sq.ft.).
11. MEP areas (210,953 sq.ft.).

The balance of the Integrated Resort (i.e., the portion remaining of the full-build, as presented and fully analyzed in our prior load letter and in the Draft Environmental Impact Statement) would be developed as market conditions allow.

While the detailed engineering of the new program is not complete, we can summarize the electrical demand requirements for the revised Phase 1 program.

Electrical Service Requirements

LVS anticipates that the peak electrical load for the development will not exceed 24 MVA. In addition, LVS's revised Phase 1 program keeps the planned single-integrated resort topology as presented in our initial request, serving all occupancies/buildings from the requested 13.2 kV service feeders listed below:



Consequently, we request service with the following configuration:

12. Four (4) new redundant 10 MVA feeders, providing a total capacity of 20 MVA.
13. Reuse of the two (2) existing feeders serving the Coliseum, providing a total capacity of 4 MVA.

Mechanical, Electrical and Plumbing Systems

1. All user loads and the corresponding mechanical plant are anticipated to be served at 480 VAC on the secondary of LVS furnished 13.2 kV to 480 VAC substations. Consequently, the largest block loads will be aggregated IT hardware on the load side of a UPS system which will not exceed 1,000 kW blocks.
2. Each building will be heated and cooled by roof-mounted all-electric air-source heat pump plants. Airside systems will be a combination of central air handling equipment and 4-pipe fan coil units. The largest anticipated single motor load will be the campus fire pump at approximately 300 hp and will be soft-started via an electronic VFD.
3. Domestic hot water will be produced via all-electric water-source heat pumps.
4. The existing Marriott will remain connected to the Engie plant.

To facilitate planning, we kindly request the following from PSEG:

1. A Confirmation to Serve letter.
2. Confirmation that a new PSEG substation will not be required to serve the development.

We appreciate your attention to this project and look forward to your response. Please let us know if any additional information is required.

Very truly yours,

JAROS, BAUM & BOLLES
CONSULTING ENGINEERS, LLP

Richard M. McFadden, PE, LEED AP
Partner
RMM:nr

- cc:
- | | |
|--------------------|-------------------|
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| (1) A. Husain | (1) M. Ruffini |
| (1) D. Ford | (1) P. DeGregorio |
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