EXHIBIT VIII.C.16.
PHYSICAL PLANT AND MECHANICAL SYSTEMS

Submit as Exhibit VIII.C.16. a brief description of plans for mechanical systems and onsite infrastructure, with particular emphasis on unique features (e.g. district hot or cold water, on-site power generation, on-site water or waste treatment, etc.). Indicate whether the project relies on distributed or building HVAC, chilled and hot water, and other systems. Describe plans for systems redundancy, if any. Describe significant dedicated physical plant spaces by location and approximate square footage. Describe plans for emergency power generation and uninterruptable power supply.

SUMMARY

The physical plant and mechanical systems associated with Montreign Resort Casino in Alternative #1 have been the subject of advanced design. This design was informed by the environmental review process, which included the 2012 DGEIS, 2013 FGEIS, 2013 Statement of Findings, and the 2014 approval of the amended Site Development Plan for the Casino. Mechanical plans for the remaining components of the Gaming Facility are currently being finalized.

GAMING FACILITY – ALTERNATIVE #1

Montreign Resort Casino

The HVAC systems will be served by a Central Heating and Cooling Plant. The chiller system will include three (3) high efficiency chillers with variable speed chilled water pumps and variable speed condenser water pumps. A free cooling heat exchanger will utilize the cooling tower water to provide chilled water during off-peak seasons and save hours of operation on the chillers. High efficiency low NOx hot water boilers will include variable speed pumps to serve all heating requirements. The heating system will operate at a high temperature differential to minimize pumping energy and enable proper control.

Closed-circuit fluid coolers will serve ice machines, kitchen equipment, and data closet air conditioning requirements. Gaming areas, hotel ventilation and restaurant spaces will be served by energy recovery ventilation units providing code required ventilation in the most efficient manner.

There will be three (3) centrifugal chillers, each sized for 50% capacity resulting in one (1) redundant chiller and three (3) cooling towers, each sized for 50% capacity resulting in one (1) redundant cooling tower. The Heating Plant will also have one (1) redundant boiler. All pumping systems will have one (1) standby pump for redundancy. The Gaming area will be served by three (3) Energy Recovery Ventilation Units and three (3) Rooftop Air Handling Units which will enable the space to be maintained comfortably in the event of one (1) unit failure.

Montreign in Alternative #1 will be served by a high-voltage transmission line from the local power company; which will be transformed down to 480 V and distributed throughout the facility. Two (2) 1000 kW generators will be provided for emergency power during the loss of normal power. These generators will serve legally required loads (egress lighting, exit signs, fire alarm system, smoke control system, etc.) along with owner optional loads (cage lighting, casino floor and equipment, select restaurants and kitchens, etc.). An uninterruptible power system (UPS) will be provided for slots, security system and telecommunication systems. The lighting will utilize high efficiency technology (fluorescent and LED) and automatic lighting controls for compliance with energy conservation codes.

For greater detail on MEP systems for Alternative #1, please refer to the Attachment VIII. C.16-1-ALT1 titled "Schematic Design Systems Report – Alternative #1" for our full mechanical HVAC, plumbing, electrical systems description and load analysis.

Entertainment Village, Indoor Waterpark Lodge, Monster Golf Course, Infrastructure Improvements

Under Alternative #1, no change to systems design is anticipated for these project components.

Future Development

Under Alternative #1, no change to systems design is anticipated for these project components.