



Cummins. Power On Deck.



CASE HISTORY

Wrigley Field® – Home of the Chicago Cubs®

WHERE:

Chicago, Illinois, U.S.A.

WHAT:

QSK95 generator set, model 3MW 4160V

PURPOSE:

To provide seamless and immediate emergency power to the recently renovated Wrigley Field in the event of an electrical outage for the safety and security of patrons and staff. Additionally, provide backup power for the broadcasting networks and Chicago Cubs® office building adjacent to the ballpark.

HIGH-PROFILE, HISTORIC INSTALLATION WITH CRITICAL SAFETY IMPLICATIONS.

Iconic Wrigley Field is revered as one of the oldest and best ballparks in North America, with its quaint, ivy-covered walls and 102-year history. Today, the ballpark seats 41,160 fans, and is standing-room-only on a regular basis. Over the years, this venerated park has been among the last to modernize – adding lights and night baseball in only 1988, a full 43 years after the first baseball game was played after dark.

In 2014, the owners of Wrigley Field determined that the park was in need of an extensive renovation and upgrade. A major element of that “1060 Project” was the provision for a backup electrical generator compact enough to fit within existing space constraints, but powerful enough to meet the 3-MW energy demand. It was determined that the Cummins QSK95 genset, with its small footprint, was the ideal solution.

Other factors contributing to the selection of Cummins as supplier for the project included the low fuel consumption of the high-speed generator set, the integrated PowerCommand® Control System and around-the-clock service – 24 hours a day, seven days a week, 365 days a year – parts and service support provided by Cummins.

Backup Power.



QSK95 Delivers Home-Run Power.

The Cummins 16-cylinder QSK95-powered generator has a significantly smaller footprint than any competitive 20-cylinder unit that could meet the power demand specified by Environmental Systems Design – the design firm responsible for the Wrigley Field renovation. It is capable of delivering up to 3MW/4160 volts, with nearly instantaneous switching in the event of the loss of power from the grid.

The compact size made installation of the 80,000-lb unit in a dedicated building on Waveland Avenue across the street from the ballpark more affordable. Cummins worked closely with contractors Pepper Construction and ABCO Electrical Construction & Design during the installation to ensure quality control and functionality in advance of the commissioning of the unit.

Concept To Completion In 24 Months.

From the time the consulting engineers were initially engaged, through the proposal, negotiation and awarding of the contract, design review, equipment build, test phase, installation and startup, this project took just 24 months to complete.

QSK95 Series Generator Set – Power, Performance And Reliability.

“We commissioned Cummins for their technical expertise and global reputation in critical applications and complex power projects. Cummins showcased that they had the capability to provide a robust back-up power solution for the Wrigley Field ballpark and the adjacent office building should the power network fail for any given reason.”

– Patrick Meenan, Chicago Cubs Senior Director – Facilities and Procurement



Ease Of Maintenance.

The QSK95 Series generator set is designed for simplified maintenance with larger, more accessible hand-hole covers and an externally mounted lube pump, making maintenance easier and faster.

Exercising For Readiness.

The fully integrated PowerCommand control unit makes it easy to exercise the unit and ensure that it is ready to take over swiftly when there is a power disruption. It also enables a clean transfer back to the grid when power is restored.

See How The Pros Do It.

For more information about integrated standby power solutions, contact your local Cummins Sales and Service branch or visit power.cummins.com.



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