

**Market Segment:** Manufacturing/Production Stability amidst natural catastrophes

# POWER PROFILE

## NEXPERIA PHILIPPINES, INC.

### POWER NEED

As a high-volume semiconductor company, Nexperia Philippines, Inc. proactively looked for generator sets to provide counter-measures on power uncertainties brought by the eruption of the Taal Volcano, last January 12, 2020.

On the 28th of January, Nexperia finalized the deal with Monark Power Systems and purchased two units of Caterpillar Generator Sets. The 1st unit is the C13 320kW at 380V and the 2nd unit is the C13 350 kW at 240v. These new gensets are to be used for Nexperia's CDP Area and Warehouse.

Another unfortunate adversity this year is the COVID-19 Pandemic. When the Enhanced Community Quarantine due to the outbreak was imposed, Nexperia Philippines requested Monark to have the units delivered immediately as the semiconductor giant is worried about the materials in their warehouse that could be damaged, in case of prolonged unscheduled power interruption. Fortunately, Monark Equipment Corp. managed to deliver the 2 CAT units without any problems on March 25, 2020.

After the delivery, Nexperia hired a 3rd party contractor to install the CAT C13 unit and request the help of Monark's Engineering team to do the commissioning work. Engr. Cris Bolivar of Monark ensured that everything was in place for Nexperia, from testing the unit, advising the customer on what needs to be done for testing and the readiness of the unit's configuration for load testing. Engr. Cris made sure that everything will flow smoothly even if the Monark Engineering Team will not be onsite during the final stages of the installation and commissioning.

The installation was completed after the visit but unfortunately, the quarantine measures has tightened up which prevented the Monark team to complete the commissioning works.

### SOLUTION

Through the resiliency of Monark's Engineering team, a video conference was done together with the Nexperia Facilities and Energy team to provide a step-by-step completion of the generator set's testing and commissioning.

### RESULTS

With the efforts and expertise of Monark's Engineering Team, the customer was able to test and load the generator set. When the unit was fully turned over and operational, Nexperia informed Monark about their plan to utilize the generator set for their temporary facility that will house their skeletal force.

Thereafter, an email commendation by the Nexperia's Facility Manager stated:

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*“Even in the midst of Covid-19 crisis, you were able to connect me to the Monark Team, Jerwin and Chris with my team physically and virtually to make sure Generator Installation, Testing and Commissioning will be successful.*

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### CUSTOMER

NEXPERIA PHILIPPINES, INC.

### LOCATION

Light Industry Science Park of the Philippines  
Philips Ave., Barrio, Cabuyao, Laguna

### CUSTOMER

#### BUSINESS ISSUE

Production stability after the Taal Volcano eruptions and amidst Covid-19 pandemic virus outbreak condition.

### SOLUTION

- One Cat® C13 generator set for 320kW standby application, 380V with enclosure
- One Cat® C13 generator set for 350kW standby application, 240V with enclosure

### CAT DEALER

Monark Equipment Corporation  
13 Economia St. Bagumbayan, Quezon City  
Philippines

**Monark** 