

# POWER PROFILE

**Customer:** Harbor Retirement Associates

**Location:**

Wildwood and Lady Lake, Florida, USA

**Customer Business Issue:**

Reliable standby power that provides safety and comfort for first-class senior living communities

**Solution:**

Cat® diesel generator sets ranging from 150 kW to 400 kW

**Cat® Dealer:**

[Ring Power](#)



*The HarborChase of Wildwood senior living community features 92 units, including 66 residences designed for assisted living and 26 for memory care.*



*The standby power solution for HarborChase of Wildwood includes sound-attenuated enclosures, integrated diesel fuel storage and automatic transfer switches.*

**POWER NEED**

Harbor Retirement Associates offers independent senior living, providing residents with engaging activities and exceptional amenities for their vibrant, active lifestyles.

Based in Vero Beach, Florida, Harbor Retirement Associates operates 34 communities across the country branded as HarborChase, including 18 locations in Florida.

In 2018, Florida state agencies instituted new rules mandating that all nursing homes and assisted living facilities have proper standby power systems and enough fuel to sustain operations and maintain comfortable temperatures for at least 96 hours following a power outage.

As a result, Harbor Retirement Associates reviewed its standby power capabilities and commissioned several system upgrades to support the company's ongoing commitment to the highest standards of hospitality, elegance and attentive care.

**SOLUTION**

Harbor Retirement Associates selected Ring Power, the local Cat® dealer, to enhance its standby power capabilities at the 92-unit HarborChase of Wildwood and 96-unit HarborChase of Villages Crossing facilities. Ring Power technicians installed and commissioned Cat C7.1, Cat C9 and Cat C13 diesel generator sets ranging from 150 kW to 400 kW.

Additionally, Ring Power supplied sound-attenuated enclosures for the generator sets, integrated diesel fuel storage and automatic transfer switches.

"If we lose power coming from the city, the emergency power kicks in," explained Alvin Smith, senior director of maintenance for HarborChase of Wildwood. "It covers our lighting and powers all of our life safety equipment from alarms to elevators. It also provides power to all of the air conditioning in our general common areas to keep the building cool."

In all, Harbor Retirement Associates has purchased Cat standby power solutions for 16 of its HarborChase facilities throughout the state of Florida.

**RESULTS**

The standby power systems have operated as planned since the new units were installed in 2018. The generator sets are programmed to start automatically every Monday morning to make sure the standby power is ready to run.

"We've had a few incidents where the utility power is off for about an hour, and once the emergency power kicks on, you don't realize that utility power is out," Smith recounted. "The lights flicker, and then the system transfers to backup power. Our computers still run, all of our life safety systems are still powered, and you really wouldn't know that we're without grid power when you walk into the building."

When the generator sets run, the sound enclosures keep the noise levels to a minimum. "It's not loud, and the residents don't complain about the noise at all," Smith observed.

Ring Power technicians provide ongoing maintenance and service through a Customer Value Agreement (CVA).

"The guys from Ring Power are on top of it," Smith noted. "I just call them if there's any sort of issue, and they come to our location without hesitation. Ring Power and Caterpillar stand with us by providing the expertise, technology and support that we need to continually exceed the expectations of our residents and their family members."

For more information, please visit [cat.com/powergeneration](http://cat.com/powergeneration)

