

Energy storage for load shifting buenos aires

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“GE’s GT26 HE upgrade blends cutting-edge technology from GE’s industry-leading F and H class fleets and it will help us produce more power, while reducing CO2 emissions per MW” said Juan José Marcet, General Manager, Central Dock Sud. “Thanks to this significant power increase we will fully decommission our high-fogging system, leading to substantial cost savings. In addition, we will benefit from the HE’s dual fuel capability, allowing us to burn diesel backup fuel in winter in case of a natural gas shortage.”

The significant performance improvement that the HE solution delivers is attributable to technology breakthroughs across every major component of the GT26 frame - turbine, compressor and combustor, that will help achieve H-class performance levels. In addition, the upgrade is engineered to integrate all components within the unit’s existing footprint for a far more cost-effective alternative to the installation of an equivalent class new unit.

The first implementation of GT26 HE upgrade, completed at Uniper’s Enfield Power Station in northern London, has shown the upgrade exceeded the guaranteed performance values and met all other requirements. The upgrade delivers a breakthrough technology step, an innovation comparable to the first introduction of GT26 gas turbine in 1998.



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