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Three years of operation of the Elettra tri-generation plant

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The first tri-generation plant (TGP1) has started its operations in June 2010 on the FEL light source, FERMI. In 2011 the critical loads of the storage ring, Elettra, have been connected to TGP1, prior the start of the next phase of the new on-site co-generation project at the Elettra Research Center.

The immediate beneficial effects of the increased availability of power from UPS on the operation of the Elettra light source are presented, using, in particular, the super conducting 3rd harmonic cavity (SC-3HC) as case study.

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