

# Sungard AS

Sungard Availability Services helps customers improve the resiliency of their mission critical systems by designing, implementing and managing cost-effective solutions using people, process and technology to address enterprise IT availability needs.

As part of the Green Portfolio Program, Sungard AS is measuring energy consumption in its North American data centers.

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## Key Environmental Performance Area: GREENHOUSE GAS EMISSIONS (FACILITIES)

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## RESULTS

In 2013, Sungard Availability Services continued measuring and managing energy consumption in its North American Availability Services data centers through the Green Portfolio Program. In absolute terms, GHG emissions from Availability Services North America data centers have increased approximately 10% compared to the 2011 baseline.<sup>1</sup> Meanwhile, efficiency has decreased by an estimated 5% (GHGs/square foot) since 2011 due to an increase in customer servers and equipment in existing data center space.

### Sungard AS: Data Center GHG Efficiency (2011 Baseline)

Estimated Results	2012	2013	Total
Change in productivity (GHGs/square foot)	4%	1%	5%
Change in absolute GHGs	2%	8%	10%

**Notes:**

- See [methodology section](#) for description of avoided and efficiency calculations.
- The total % change is aggregate change between the baseline year and the most recent year of data. All other % changes are expressed as year-over-year.
- Reported numbers are rounded and may not produce the same results when used to analyze percent changes or total impact.

## ACTIONS

While Sungard AS did not achieve savings in 2013, it took the actions listed below:

- Installed Electronically Controlled fans at two locations that replaced the traditional squirrel cage fans within the CRAC units, which lower power consumption while increasing overall unit tonnage
- Installed a flat plate heat exchanger into the Aurora location to provide free cooling in the winter months without the need to run the chiller systems
- Replaced any failed and un-repairable equipment with new more efficient systems. This includes both equipment serving the data centers, recovery spaces and office areas
- Specified that new construction include energy efficient equipment
- Installed Free Cooling Chiller at Managed Services facility, which allows for the unit to use outside air to cool the supply water loop which reduces power consumption of the chiller
- Upgrade two work group centers with more energy efficient lighting

## FUTURE PLANS

Through 2014 and for 2015, Sungard AS will continue to focus on the operational efficiency of its data centers and seeks to achieve improvements through proven practices

- Continue to replace end-of-life equipment with more energy efficient systems
- Investigate solar and/or other alternative energy solutions and identify cost effective projects where they might be of value

Sungard AS enrolled in the Green Portfolio Program in 2009 and is reporting results for the fifth time. In 2012, Sungard AS restated its baseline year due to changes in the company's data management system and an expansion in the geographic scope of the data. The new baseline year is 2011.

*Note: Reported numbers are rounded and may not produce the same results when used to analyze percent changes or total impact.*



<sup>1</sup> In 2013, 19 additional facilities were added to the scope of the program that were not included in past years' data, driving a portion of the increase in absolute GHGs in 2013.