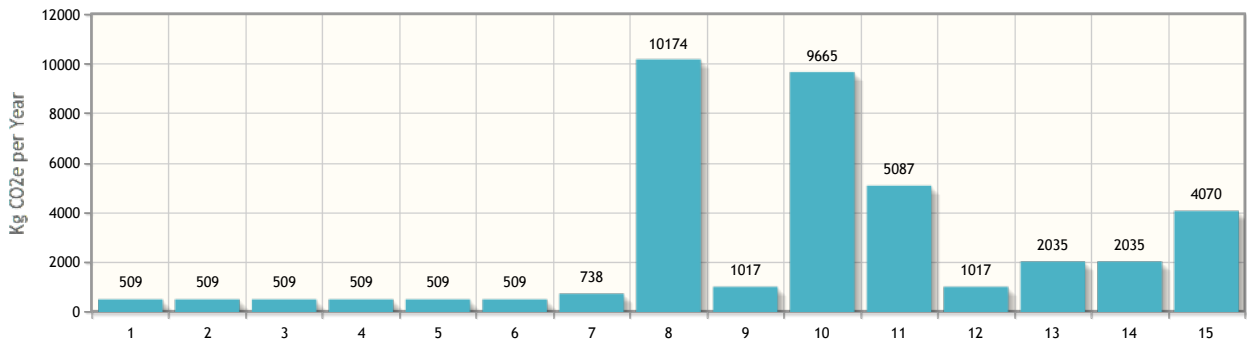**Auditor:** Clément MOUCHET **Organisation:** Edinburgh Napier University **Date:** Wednesday, 23 November 2011 @ 10:45

Conversion Factor: Grand Total of Direct & Indirect GHG emissions (0.59368 Kg CO2e per kWh) - 2011 - Defra / DECC's GHG Conversion Factors

Total: **102871.39 Kg CO2e / Year**

Role: Server

Qty	Description	Standby	kWh	Kg CO2e	Per Unit	Chart
1	Personal Computers, Desktop no monitor **Role:** Server **Location:** C35 **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	856.84	508.69	year	1
1	Personal Computers, Desktop no monitor **Role:** Server **Location:** C41 **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	856.84	508.69	year	2
1	Personal Computers, Desktop no monitor **Role:** Server **Location:** C48 **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	856.84	508.69	year	3
1	Personal Computers, Desktop no monitor **Role:** Server **Location:** C51 **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	856.84	508.69	year	4
1	Personal Computers, Desktop no monitor **Role:** Server **Location:** C65 **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	856.84	508.69	year	5
1	Personal Computers, Desktop 1 monitor - RM Intel P4 (server) **Role:** Server **Location:** C6 (server racks) **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	856.84	508.69	year	6
24	Personal Computers, Desktop no monitor (RM) **Role:** Server **Location:** C28 **Time used:** 40 weeks per year, 4 days a week **On:** 1 hours per day, **Off:** 23 hours per day, on **Standby:** 0 hours per day	custom	1242.89	737.88	year	7
20	20 Single CPU Servers **Role:** Server **Location:** B56 Server Room **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	17136.87	10173.82	year	8
2	1 Dell PowerEdge SC1425 Dual CPU **Role:** Server **Location:** B56 Server Room **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	1713.69	1017.38	year	9
19	HPC cluster (equivalent 19 Dual Core CPU) **Role:** Server **Location:** C27 Server Room **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	16280.03	9665.13	year	10
10	10 Single CPU Servers **Role:** Server **Location:** C27 Server Room **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	8568.44	5086.91	year	11
2	1 Dell PowerEdge SC1425 Dual CPU **Role:** Server **Location:** C27 Server Room **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	1713.69	1017.38	year	12
4	2 Dell PowerEdge R710 Dual CPU **Role:** Server **Location:** C27 Server Room **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	3427.37	2034.76	year	13
4	2 Dell PowerEdge R805 Dual CPU **Role:** Server **Location:** C27 Server Room **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	3427.37	2034.76	year	14
8	4 Dual CPU servers **Role:** Server **Location:** C27 Server Room **Time used:** 52 weeks per year, 7 days a week **On:** 24 hours per day, **Off:** 0 hours per day, on **Standby:** 0 hours per day	custom	6854.75	4069.53	year	15

Total power-usage: **173277.51 kWh per Year**

Total Carbon footprint: **102871.39 Kg CO2e per Year**