

**DRA DATA REQUEST**  
**DRA-SCG-112-MZX**  
**SOCALGAS 2012 GRC – A.10-12-006**  
**SOCALGAS RESPONSE**  
**DATE RECEIVED: JUNE 22, 2011**  
**DATE RESPONDED: JULY 8, 2011**

**Exhibit Reference:** SCG-07

**Subject:** Technology Upgrades

**Please provide the following:**

1. Please explain SCG's decision to upgrade to Windows 7. Include any cost/benefit analysis conducted and all relevant workpapers.

**SoCalGas Response:**

Sempra Energy is migrating/transitioning to Windows 7 because the current operating system, Windows XP, will no longer be supported by Microsoft. See Microsoft support lifecycle (see <http://support.microsoft.com/gp/lifepolicy>). Windows XP is currently in Extended Support, meaning the only items available from Microsoft are security updates. Non-security updates are no longer provided, nor are Service Packs. New applications from Microsoft are not being made available for the Windows XP operating system. Windows XP will exit Extended Support from Microsoft on April 8, 2014 (see <http://support.microsoft.com/lifecycle/?p1=3223>). As of that date, not even security updates will be provided by Microsoft, even if a vulnerability is being exploited for Windows XP.

In order to maintain proper security of corporate and customer data, workstations running Windows XP need to be migrated to a later operating system no later than April 8, 2014. This migration requires hardware upgrades and/or replacement, and software compatibility checks with the new operating system.

For further discussion on the Windows 7 Platform Replacement Program, please refer to Mr. Jeffrey C. Nichol's testimony, Exhibit No. SCG-12, p. JCN-63, lines 8-31 and p. JCN-64, lines 1-3.

Attached is a copy of the Windows 7 Platform Replacement Program Business Case (as of 7/22/10). TY 2012 GRC workpapers supporting the Windows 7 upgrade can be found in Mr. Nichols' capital workpapers, Exhibit No. SCG-12-CWP, pp. JCN-CWP-123 and JCN-CWP-153 through 158. Please note that the dollars presented on slide 7 of the Business Case –Program Financial Overview are shown in 2010 dollars and include labor and non-labor overhead loaders and are not comparable to the dollars shown on the GRC capital workpapers.



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Q.1 Attachment

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2. What applications besides GPS does SCG envision adding to the new Mobile Data Terminals? (EF-62)

**SoCalGas Response:**

In order to align with SoCalGas' Information Technology security practices, hard drive encryption software will be added to the new mobile data terminals (MDTs). The encryption software is not compatible with the current MDT which is over 5 years old.

Other applications that SoCalGas envisions could be public wireless broadband connections allowing field employees access to company policies and procedures, mobile bar code technology for asset tracking purposes, and applications related to employee and public safety.