

Installation of GAMS

The GAMS modeling system must be installed and configured in order to run MARKAL or TIMES models. If GAMS is not already installed on your computer, contact the ETSAP Primary System Coordinator (DecisionWare, Inc.) at ggoldstein@irg ltd.com.

- You will get a license and a GAMS installation on a floppy disk (later on, GAMS upgrades can be provided by email). Save the license file (GAMSLICE.TXT) anywhere on your computer.
- Go to the GAMS website (<http://www.gams.com/download/>) to download the latest version (e.g. Version 21.6 as of February 2005).
 - o Fill out the form to get a user ID and a password and click the “Get Password” button. You will automatically get an email from GAMS with your user ID, password and links to download the installation file (Setup.exe).
 - o Install GAMS anywhere on your computer or by default in C:\Program Files\GAMSX.X.
 - o Move the license file (GAMSLICE.TXT) in the system folder.
 - o Note that these installations handle only small problems without a valid GAMS license obtained previously (via ggoldstein@irg ltd.com).
- Adjust the GAMS system path from the following: Windows Control Panel/System/Advanced/Environment Variables/. In the “System variables” section, select the “Path” variable and click the “**Edit...**” button. At the end of the declaration in the “Variable Value” box, add the GAMS system path (e.g. C:\Program Files\GAMSX.X or C:\progra~1\GAMSX.X). Note that semi-columns separate the different declaration paths.
- In the GAMS system folder, double-click the “GAMSINST” file and set the default solver (e.g. CPLEX, EXPRESS, etc. for linear programming models, mixed-integer programming models, etc.). You can accept the proposed default solver by pressing enter.