II. RiverWare Software Maintenance

**Releases**

RiverWare 6.6.6 was released on May 18, 2015 with the following release notes.

**SUMMARY OF CHANGES IN RIVERWARE PATCH RELEASE 6.6.6**

**Distributed MRM Excel Generation**  
Distributed Multiple Run Management can generate Excel files from output RDF files. It was previously set to only generate .xls files. The MRM controller was enhanced to now generate .xlsx output files based on the version of Excel found on the system. This can dramatically reduce the size of output Excel files.   
  
**Temporary Control File-Executable DMI Files**  
When running control file-executable DMIs, RiverWare may create temporary files, especially when converting line endings. This process was improved to be more robust; now a guaranteed unique temporary file name is created. This prevents potential contention problems when running multiple DMIs.  
  
**Bugs**  
The following bugs were fixed:

* 5638 - RiverWare could not plot a timeseries beyond year 3000.
* 5641 - In Model Report or Script configurations, selecting the first item in a pull-down setting menu did not always work.
* 5644 - Specifying Plant Power Limit in the Plant Power Equation method could lead to a crash.

**Regression Tests**

The regression tests continue to be maintained on a daily basis. This involves updating the regression tests to exercise new developments in the code. Also, as new code is added to the development area, the model comparisons performed in the nightly regression tests usually show differences (for example, because a new method category may have been added). When this occurs, the regression tests need to be updated to reflect the current state of the development area so model comparisons do not fail. In addition, every week, the daily history of each regression test is analyzed to determine if the run time or model size has significantly changed because of new development.