Thermal Modeling Solutions: Tarp and cover

Hume Peabody

tarpthermal@comcast.net

# ABSTRACT

|  |  |
| --- | --- |
|  | TARP and COVeR are programs dedicated to the post processing of thermal predicts from commercial solvers. TARP allows the user to specify a variety of post-processing object types that are generated in a Microsoft Excel workbook as the output product. These object types include DataSets, Plots, Tables, Equivalent Sinks, HeatFlow maps and other manipulations of thermal data. Extending this to a group hierarchy allows the user to make sense of the large amounts of data typically generated using today's models. COVeR leverages the underlying structure of TARP but provides an alternate environment for the examination of results. Perhaps the most powerful feature of COVeR is the ability to display heat flows between groups in a block diagram format, which can easily display critical heat flow paths, as well as missing or erroneous paths not easily discovered. This session will go through some of the capabilities of both TARP and COVeR in a demonstration format and highlight the most frequently used features of both products. |