Licensed AMI Models

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Objective

- Communicate to IBIS community about “licensed” IBIS-AMI models, as another distribution strategy
- Clarify what licensing means

Restricted vendor-specific models or restricted usage models are already common in industry

- Encryption
- Vendor-specific keywords, parameters, commented lines
- New features only in the proposal stage
- NDA’s
- Vendor issued model development tools that support vendor-specific features
- “Licensing” restrictions (click to Agree) before downloading

Another approach: model generator can create Licensed and Unlicensed IBIS-AMI models

- Licensed models
  - Usage restricted to a vendor-specific EDA tool
  - May be used to get around any existing IBIS-AMI limitation
  - May have vendor-specific features
  - Errors likely to be generated with other EDA vendor tools
  - Or, usage of the model may even be blocked for use by other tools
- Unlicensed models
  - Intended for unrestricted usage for all EDA tools
  - Fully compliant to IBIS specification
  - Recommended to be provided by model developers for distribution
- IBIS-AMI model generator provided by EDA vendor, used by model developer, may generate both versions
  - Distribution of the unlicensed versions is recommended

Summary

- An IBIS-AMI distribution strategy using licensing has been presented to address vendor-specific features
- If users encounter a case where licensing restricts their usage in their tool of choice, the model supplier should be contacted, and should provide an unlicensed model
- For additional information, please contact Ken Willis kenw@cadence.com