eQUEST and DOE-2.2 Input/Output File Extensions

File Extension	Description of contents / Purpose
Program Inputs	
.PD2	eQUEST Project / Wizard definitions file. These files contain only "user inputs" => data that is to override project/wizard defaults.
.PRD	eQUEST Parametric Run inputs, defining changes made to DOE-2 BDL keyword/parameter values describing one or more parametric/efficiency measure runs (option under Tools menu).
.INP	DOE-2 BDL input file (typically written by eQUEST based on the contents of the wizard database or detailed interface).
Textual Program Simulation Results	
.SIM	DOE-2 simulation results and log in text format. This file is not the source of the results echoed to eQUEST output files and reports, as those are retrieved from the binary results files, but this text version is helpful in locating simulation errors and reviewing detailed simulation results via a text editor.
.DAT	<project file>_HourlyData<#1>_<#2>.DAT - file created with hourly report data, one line per hour of simulation results, when HOURLY-DATA-SAVE = FORMATTED. #1 = program element (1=LOADS, 2=HVAC) and #2 is the sequential parametric run number; 1 for the first LOADS calc, 2 for the first HVAC calc, 3 for the second LOADS calc, so on.
.CSV	Potentially multiple files output for informational and debugging purposes as follows:
	"<project file> - Parms.CSV" - Written whenever EEM (wizard-based) or Parametric (BDL-based) runs or Title-24 or Savings By Design analysis performed, containing results from each simulation to enable analysis and debugging outside eQUEST.
	"<project file>_EG_MoEU_ED.CSV" - Monthly Enduse Elec/Gas Energy/Demand results - written by default - turn off by specifying "StoreResults_EG_MoEU_ED=0" in [preferences] section of eQUEST.ini.
	"<project file> - HVAC Summary.CSV" - Summary of all HVAC simulation results in somewhat fixed format - NOT written by default - turn on by specifying "StoreResults_HVAC_Summary=1" in [preferences] section of eQUEST.ini.
Acrobat Format Simulation/Analysis Results	
.PDF	<project file> T24 Rpt.PDF - Title 24 compliance report (first page of this report is also produced in a TDV energy version)
.PDF	<project file> SBD Rpt.PDF - Saving By Deisgn results report (first page of this report is also produced in a TDV energy version)
Binary Simulation/Analysis Results	
.LIN	Hourly Loads results from the DOE-2 simulation in binary format.
.SIN	Hourly HVAC results from the DOE-2 simulation in binary format.
.LRP	Non-hourly Loads results from the DOE-2 simulation in binary format.
.SRP	Non-hourly HVAC results from the DOE-2 simulation in binary format.
.ERP	Non-hourly Economics results from the DOE-2 simulation in binary format.
.BIN	<project file>_HourlyData<#>.BIN - file created with hourly report data, one record per hour of simulation results, when HOURLY-DATA-SAVE = BINARY. # is the sequential parametric run number; 1 for the first LOADS calc, 2 for the first HVAC calc, 3 for the second LOADS calc, so on.
.BIN and .DAT	<project file>_HourlyDataHeaders<#>.BIN/.DAT - file created with hourly report header data, when HOURLY-DATA-SAVE = BINARY. # is sequential parametric run number; 1 for the first LOADS calc, 2 for the first HVAC calc, 3 for the second LOADS calc, so on. The .dat version is a text version of what is written to the .BIN file.
.LCR	eQUEST life-cycle analysis results
.PRR	eQUEST parametric run analysis results
Textual Program Logs & Non-Result Outputs	
.PDL	eQUEST project log, where project open and wizard defaulting/processing messages are written.
.LOG	"<project file>.LOG" - DOE-2 simulation log file
	"<project file> BDL read.log" - log written during reading of DOE-2 BDL input file
.CAL	Log file written during execution of all Title-24 and SBD analysis.
	Inclusion of "DebugCompliance=1" in the [preferences] section of the eQUEST.ini file will cause the .CAL file to include an echo of each and every compliance analysis rule execution & result.
.XEU	File written during translation of wizard database into DOE-2 BDL file containing information needed to dis-aggregate the DOE-2 Misc enduse hourly results into the expanded wizard enduses.
.BDL	Output echo of DOE-2 BDL processor contains an echo of the BDL input along with caution, warning and error messages encountered by DOE-2 during the process of reading the BDL input file.

eQUEST and DOE-2.2 Input/Output File Extensions

.PDH	eQUEST simulation history - textual record of all simulations performed for this project - used to populate Project/Run tree within results module.
.NHK	File written immediately prior to each DOE-2 simulation containing component names of various BDL input commands - used to facilitate retrieval of results from DOE-2's hourly and non-hourly binary results files.

DOE-2 BDL & Simulation Run Files

.CTL	Binary "control" file which contains information used to control the simulation including parametric DOE-2 runs - written by BDL and read by the simulation control routines
.STD	Binary "standard" file containg all the project information needed by DOE-2.2 to perform a simulation - written by BDL and then read by the simulation
.DSN	Binary "design" file written by simulation components LOADS and HVAC containing design-day and weather files run results used for sizing or setup by the next down stream program component.
.LDO	Binary LOADS hourly output file which contain all the information needed by the hourly HVAC program
.SYO	Binary HVAC hourly output file which contain all the information needed by the hourly ECONOMICS program.