List of software available for energy audit and other relative jobs.

Sr No	Software	Make/Type	Remarks
1	Microsoft visio	Microsoft windows XP	Used for preparation of building & office plan, various layouts, and electrical, process, instruments diagrams
2	eQUEST 3-5	Energy design resources, DOE, US	eQUEST=enhanced DOE-2+Wizards+Graphics To perform building energy use simulation techniques combining building creation wizard, energy efficiency measure (EEM) wizard and a graphical results module with enhanced DOE-2 derived building energy use simulation program
3	eVALUator	Energy design resources, DOE, US	Calculates the lifecycle benefits of investments that improve building design. Analyses the financial benefits from building that reduce energy cost, raise employee productivity, enhance tenant satisfaction.
4	CalcuLuX	Philips	For advance lighting study and energy efficiency measures for roads, area, buildings and offices.
5	DIALux	Philips	
6	Roadpollution		Software for the analysis of road lighting installations and the evaluation of the environmental impact due to light pollution
7	MATLAB 6.5	Mathworks, Inc	Advance simulation software where any job, like automation, lighting, layouts, engineering and mathematics functions can be perform
8	MotorMaster4	Energy design resources, DOE, US	For complete database of motors including batch analysis, savings tracker, comparison, life cycle analysis

9	AirMaster+	Energy design resources, DOE, US	For complete analysis of air compressors including efficiency measures, maintenance, life cycle.
10	ChemPEP	Energy design resources, DOE, US	For plant energy performance for chemical industry.
11	FSAT	Energy design resources, DOE, US	Fan system analysis tool
12	PHAST	Energy design resources, DOE, US	Process Heating assessment system tool, covers various heating loads of processes.
13	SSST	Energy design resources, DOE, US	Steam System Scooping tool, measures management efficiency of steam system
14	SSAT	Energy design resources, DOE, US	Steam system Assessment tool, measures performance of steam system
15	CHPAT	Energy design resources, DOE, US	Combined heat and power application tool
16	PSAT	Energy design resources, DOE, US	Pumping system assessment tool, for measurement of pump efficiency and pressure drops

17	CWSAT	Energy design resources, DOE, US	Chilled water system assessment tool, for chilled water system analysis
18	Piping System Fluid Flow		The software can be used to accurately simulate network performance before a network has been built or modified. This means potential problems can be quickly identified and corrected within the interactive environment so that expensive errors can be avoided. Interactive design naturally leads to better design quality while maintaining or improving operational flexibility. For existing plants you can use Piping Systems Fluid Flow to identify bottlenecks and problem areas, to view how your plant will perform at different operating conditions or production rates. In hazop and hazan studies you can use Piping Systems Fluid Flow to determine how your plant will operate at start up and shut down as well as under abnormal conditions, which means the software helps improve safety.
19	IHAT	US DOE	Indoor Humidity Assessment Tool (IHAT) is software that allows users to evaluate the impacts of various design strategies on indoor humidity levels in buildings, including the use of energy recovery ventilation (ERV) systems. The enhancements include an improved model for ERV systems and a better model for predicting the latent (moisture) performance of constant-air-volume packaged HVAC systems. A model was also added to allow DOE-2 to track predicted indoor humidity levels during all hours of the year, with a coefficient included to account for the moisture adsorption and desorption of interior building materials and furnishings. Finally, a fourth model was added to account for moisture evaporation from a cooling coil and the condensate drain pan of a constant-air-volume system when the supply air fan runs continuously but the cooling coil temperature varies to maintain the indoor cooling temperature set point.

20	3F-2000		3F-2000 is advanced lighting software tool for optimization of indoor area; various lighting options can be simulated before any modification or for any new lighting design and saving can be evaluated with best suitable options
21	CAMADIA MASTER	OLYMPUS	Advance presentation software for report preparation in form of album, graphics, photo prints and other software links.
22	CFL-Calculator	EMT	Calculates comparison between various lighting options
23	Convertor1	EMT	Units conversion software
24	Calculator-Offices	EMT	Calculates overall monthly bill for offices