

Lecture 8 Summary Energy Use Efficiency

The method of enhancing an energy efficiency can reduce the impact effected to atmospheric condition. The first one, the energy level using is an important factor of power consumption. It will show the potential of a climate impact output, how the problem is big and why these problem could be solved. Hence, there should be the appropriate measuring tools to collect a precise data for addressing these observation parameters, such as thermal energy expansion from the machines, differences vibration monitoring and electricity using measurement. The second, from the observed parameters into the defined problem, these should be solved by the process of RDD&D based on the cleaner technologies. Many processes are in this term because they really need to fix or change some of system components or all whole system. The processes are Research and Development (R&D), demonstration and dissemination. These are called RDD&D step. Then the third part, technologies transfer was described in this step. The most development country need many technologies to drive their abilities for scaling up the possibility of opportunities rising. Furthermore, the new knowledge and their coming expertise from these transferring unit will be served. Standard and labeling are mainly require starting for controlling the productivity process, and the policy making. The most components are controlled by many regulation which is the rule manipulating the end-product, such as equipment and/or process, into the same baseline. And also the training will become to everyone who use a regulation as the reference basis which match into the designed standard. The training course is really important for the person using the machine or system, and also the organization which want to know, how does it work, then the awareness will be getting done after the system is applied to any area as a widely knowledge. Finally, in summary such a five issue that they

control the energy efficiency and also can be draw the policy making effected into the awareness of a global area.