

Project Title	ERAV Support Information Technology and Database System Design and Training
Contracting Agency	Electricity Regulatory Authority of Vietnam (ERAV)
Project Organization	Prime Contractor: Viet Nam Power Resource Partners Corporation (Vietnam PRP) Savu C. Savulescu from Energy Consulting International, Inc. was subcontracted by Vietnam PRP in capacity of international expert in information technology and computer architectures, responsible for the design of the: web based information system; cyber security; access to the operational information available from the SCADA/EMS systems in Vietnam; and overall design of ERAV's integrated database facilities
Summary	Preliminary and detailed design of a web based information system and related integrated database facilities enabling the access to, and dissemination of, the operational information available from the SCADA/EMS systems as well as other IT facilities of the electricity market players in Vietnam
Background	In order to oversee the restructuring and power market development in Vietnam, the Ministry of Industry and Trade (MOIT) has created the Electricity Regulatory Authority of Vietnam (ERAV), which is responsible for: the regulation of monopolies; electricity tariff and rates; quality and performance standards; monitoring the electricity market; enforcement of rules; and regulation of entry and dispute regulation. Accordingly, ERAV needs to be equipped with IT facilities in order to fulfill its highly demanding professional duties, which was the reason for undertaking the Support Information Technology / Database System Design and Training project.
Objectives	<ul style="list-style-type: none">▪ Design the structure and develop the specifications of ERAV's IT architecture, systems and databases▪ Provide training to ERAV's staffs in operation the IT system.
Scope of Work	<ul style="list-style-type: none">▪ Design, develop and install a state-of-the-art integrated information architecture and supporting systems that will be right for today and ready for tomorrow, i.e., right for the moment when it will become operational, and ready to handle the unforeseen, but certainly upcoming, changes in the information technology landscape▪ Design and implement a simple, but customized, database system than can be operated and modified in a way that best suits ERAV changing needs▪ Extensive training of ERAV personnel, thus empowering it to perform its professional duties timely and efficiently
Period of Performance	March 2008 – June 2009