

Project Title	New SCADA/DMS of Elektra Noreste (Nuevo Sistema SCADA/DMS) of Elektra Noreste, Panama
Contracting Agency	Elektra Noreste (Elektra), Panama
Project Organization	Prime Contractor: Kema Consulting, Inc. (Kema) Subcontractor: Energy Consulting International, Inc. (ECI). The work was performed by Savu C. Savulescu, with full responsibility for all the activities assigned to ECI
Summary	The project activities corresponding to ECI in conjunction with the New SCADA/DMS of Elektra encompassed the conceptual design, participation in the preparation of procurement specifications, and assistance during project implementation including site acceptance testing and commissioning
Background	This project represented the continuation of an earlier effort ¹ that was conducted by Elektra in 2003 for the purpose of identifying the best way to solve the innumerable problems with the SCADA system implemented in 2002 by Digital logic, a small system vendor from Baltimore, MD
Objectives	This was a standard, so to speak, SCADA/DMS project that aimed at: <ul style="list-style-type: none">▪ Defining a conceptual design based on the recommendations formulated in the earlier project¹▪ Preparing technical and procurement specifications▪ Developing a bid evaluation methodology▪ Evaluating bids and selecting the system vendor, and▪ Implementing the project by following industry-accepted practices
Scope of Work	<ul style="list-style-type: none">▪ Definition of needs and requirements based on the conceptual design documented in reference¹, including workshop presentations on Computer Architectures and General Topics in SCADA/EMS/DMS▪ Participation in the development of Bidding Documents, including: system and applications software in the SCADA/DMS Technical Specifications; and final review of the Technical Specifications document▪ Participation in the Offers Assessment and Award phase, including: definition of the bid-evaluation methodology; selection of qualified Bidders; answering Bidders' questions; and Bid Assessment Report▪ Assistance during System Implementation and Commissioning, including site acceptance testing and final system commissioning
Period of Performance	July 2004 – November 2008

¹ Please refer to the project data sheet *Assessment of Existing Distribution SCADA System and Definition of Migration Strategy for Elektra Noreste, Panama* which was conducted by ECI in 2003