



Post-Project Consultancy

- **Constant improvement**
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Introduction

Once the system has been installed, interconnected, and commissioned, it has to be properly operated and maintained to maximize output and value. CVENDEV can assist in monitoring the benefits and advising on the most cost effective maintenance approach.

Service description

Operations and Maintenance

This can be done in a variety of ways, but will fall to either in-house staff or contractors or a combination of both.

CVENDEV can develop a maintenance plan to determine the balance between on-site resource versus service level agreements with suppliers. Spare parts holding, skills of local staff If you choose to use your own personnel, staffing levels and training should be investigated. Larger systems are likely to require additional staffing to run them and all systems will require operator training. Time should be budgeted to cover hiring and training of operations staff. CVENDEV can assist in deciding the balance between using in house or external resources and the terms of a maintenance agreement e.g. do you really need 2 hour response for all the equipment.

Maintenance of CCHP systems can be very complex and require special skills. It is likely that all but the largest and most sophisticated of end users will have the personnel to provide anything but the basic maintenance required. Contractors will be needed for periodic maintenance and particularly for overhauls. Additionally, these same maintenance contractors can be retained to provide all scheduled and unscheduled maintenance, thus reducing the demands on operational staff. Capstone's Factory Protection Plan is an excellent example of this and includes complete engine replacements during the fifth year of operation.

Fees: Specific projects will be identified and quotes provided.