

3rd Successful Run in Asia!

COMPETENCY MANAGEMENT SYSTEM FOR THE POWER INDUSTRY



28 – 30 SEPTEMBER 2015, SINGAPORE

Past Testimonials

“The course has provided very comprehensive overview of how CMS should be developed and implemented in the company. Great knowledge gained.”,
- Singapore Power

I have benefited from the 3-day workshop and is more confident of implementing CMS.”
- Senoko Energy Pte Ltd

“Excellent training materials. Gill and Gary was able to clearly articulate the principles, purpose of the course.”
- Energy Market Authority

“Well organised training.”
- Senoko Energy Pte Ltd



Lead Trainer
Gill Payne



Trainer
Gary Payne

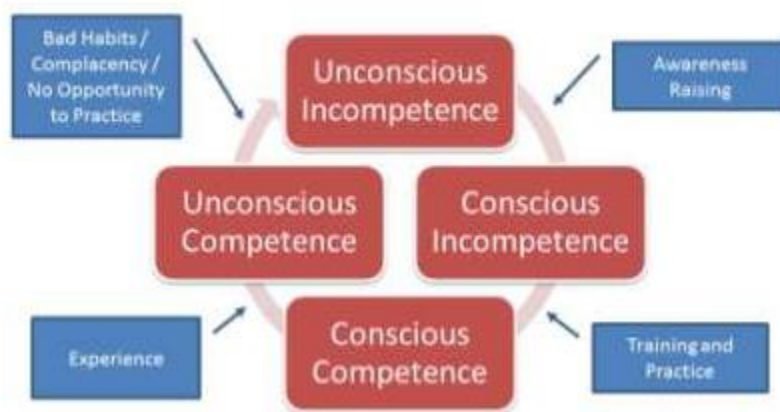
COMPETENCY MANAGEMENT FOR THE POWER INDUSTRY

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Course Overview

In the Power & Utilities Industry it is a requirement, both contractual and in some areas legislative, to ensure effective internal systems are in place which support employee development and provide evidence of their competence. A Competence Management System (CMS), correctly developed and applied provides employees and organisations with the tools to demonstrate competence and contributes to career development of the individual and the business as a whole.

The 3 day Competency Management systems course focuses on Competence Management Systems (CMS) which are typically in use within Industry, their structure and process development requirements. In addition the course details the assessment process, the role of the competence assessors within the organisation and the relationship between competence management and training provision.



Course Learning Outcome

The following topics will be covered:

- The role that competence plays in the Power Industry.
- Competence Assurance Management.
- Benefits to the organisation.
- Benefits to individuals.
- Relationship between competence management and training provision.
- Examples of Competence Management Systems.
- What needs to be in place to run a Competence Management System.
- Implementation of a Competence Management System.
- Internal Quality Assurance of a Competence Management System.
- Roles within the Competence Management System
- Choosing Internal Quality Assurers and Assessors for the System.
- Assessment Processes.
- Assessment Methods.
- Potential External Standards

Who Should Attend

This is suitable for those who are responsible for

- Employee Competence & Capability Development
- Human Resource Development
- Training
- Safety and Employee Talent Management

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3 Day Course Outline

Outline	Indicative Content:
Clarification of what Competence is	<ul style="list-style-type: none"> • Misconceptions of what competence is and why it is required in the Power Industry.
Competence Assurance Management	<ul style="list-style-type: none"> • Clarification of what this is and what needs to be in place for a system to be effective. • Cost-effectiveness of systems. • Key Stakeholders.
Benefits of a Competence Management System	<ul style="list-style-type: none"> • Benefits to the organisation, managers and individuals.
Relationship between competence management and training provision	<ul style="list-style-type: none"> • Competence/Consciousness Cycle. • Training Cycle. • Assessment Cycle. • Learning Cycle.
Linking Competence Standards to Organizational Training	<ul style="list-style-type: none"> • How to link competence to training. • The role that training plays in a Relationship between Competence Management System.
Examples of Competence Standards	<ul style="list-style-type: none"> • The differences between <i>performance</i> standards and <i>knowledge</i> standards. • Pitfalls to avoid when designing a system.
What needs to be in place to run a Competence Management System	<ul style="list-style-type: none"> • The importance of support from key stakeholders. • Roles and responsibilities within a Competence Management System.
Implementing a Competence Management System.	<ul style="list-style-type: none"> • Principles of managing this as a project. • The importance of consultation in the development of a Competence Management System. • Piloting the system. • The importance of communication. • Evaluation of a system.
The Role of the Internal Quality Assurers	<ul style="list-style-type: none"> • Clarification of the role and requirements. • On-going monitoring and quality assurance of the Competence Management System. • Developing Records and Products of Work to prove competence. • Selection of Assessors and monitoring the Assessment Process. • Standardisation. • Continuous Professional Development of the Team. • External Standards for the Lead and Internal Quality Assurers.
The Role of Assessors within a Competence Management System	<ul style="list-style-type: none"> • Clarification of the role and requirements. • Potential methods of assessment for assessing performance and knowledge. • Advantages and Disadvantages of different methods of assessment. • Validity, authenticity, reliability, sufficiency, and safety within the assessment processes. • Assessment records. • External Standards for Assessors.
Potential External Standards.	<ul style="list-style-type: none"> • External Standards within the Power Industry.

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Your Expert Faculty

Gill Payne



Gill Payne has over 20 years of international experience working for the Power industry to help companies to implement Competency Management Systems.

She has extensive experience in working with organisations to guide them in the development of Internal Quality Assurance systems and procedures for the As part of this, she has trained those who are responsible for running the system. This has led to individuals achieving internationally recognised Internal Quality Assurer and Assessor qualifications via the City and Guilds of London Institute.

Gill has worked with Scottish Hydro on the development of their competency framework, and thereafter trained internal Assessors and Verifiers (now called Internal Quality Assurers). She has also been training National Grid's Assessors and Internal Quality Assurers on the electricity side since 1993 and on the gas side for a year. She has also worked with them to revise and develop their assessment and internal quality assurance systems. This covers both the electricity and the gas transmission and distribution side of the business and supports both externally accredited qualifications and internal competence standards. She is also working with them to enable their trainers to gain trainer qualifications.

She has worked with 2 other power companies (who have subsequently been subsumed into Centrica) to enable them to obtain approval from City and Guilds to offer qualifications. This has included the development of the systems to match the qualifications and Assessor and IQA training. She was involved in a similar project with Eastern Electricity and Keadby Power Station (owned by Scottish and Southern).

She currently trains RWE Power's Assessors and IQAs and have helped them to refine their system, and also delivers Contract Management to RWE sites in Great Britain and abroad. Other clients include British Nuclear Fuels, British Energy, Powergen, International Power and Eggborough Power

Gary Payne



Gary Payne has supported Gill in the development of systems and procedures. He has extensive experience in the development of IT systems to support Competence Management Systems.

UNIQUE FEATURES OF **powerEDGE** TRAINING

- Pre-Course Questionnaire to help us focus on your learning objectives
- Detailed Course & Reference Manual for Continuous Learning & Sharing
- Practical Exercises & Case Examples to better understand the principles
- Limited class size to ensure One-to-One Interactivity
- Assessment at the end of the course to help you develop a Personal Action Plan

Courses Available

- [4 Pillars of Transformer Condition](#)
- [Advanced Project Finance for Power](#)
- [Advanced Technical Report Writing & Presentation Skills](#)
- [Advanced Turnaround Shutdown & Outage Management](#)
- [Ancillary Services in Competitive Electricity](#)
- [Asset Management for the Power Industry](#)
- [Best Practice Renewable Energy Capital & Project Management](#)
- [Biomass Power Generation](#)
- [CFB Combustion for Boiler Operations](#)
- [Clean Development Mechanism and Carbon Markets](#)
- [Coal Contracts](#)
- [Combined Cycle Power Plants Operation](#)
- [Combined Heat & Power \(CHP\) and Co-Generation Plant Operations](#)
- [Competency Management System for the Power Industry](#)
- [Design & Operations of Circulating Fluidized Bed Boiler](#)
- [Developing & Structuring Public-Private Partnership \(PPP\) for Infrastructure](#)
- [Effective Tender Process Management for Power & Utilities](#)
- [Electrical Hazop \(eHazop\) Studies for the Power Industry](#)
- [Electricity Demand-Side Management](#)
- [Electricity Industry Design](#)
- [Electricity Network Planning](#)
- [Electricity Retail Contracts](#)
- [Electricity Theft](#)
- [Electricity Trading Essentials](#)
- [Energy Efficiency](#)
- [EPC Contract Management for Power & Utilities](#)
- [Essentials of Coal Markets and Trading](#)
- [Essentials of Power Trading](#)
- [Excitation Systems](#)
- [Feed-In Tariffs for PV Systems](#)
- [Finance for Non-Finance Professionals in Power & Utilities](#)
- [Financial Modelling for Project Finance in Power & Utilities](#)
- [Fitness-For-Service AP1 579 & High Energy Piping Life Management](#)
- [Fundamentals of Geothermal Energy](#)
- [Fundamentals of Power Generation](#)
- [Gas & LNG Contract Negotiation](#)
- [Gas Turbine Generator Selection, Operation & Maintenance](#)
- [Gas Turbine Hot Gas Paths, Rotors & Failure Analysis](#)
- [Gas Turbine Major Inspection & Overhaul](#)
- [GE Gas Turbine Operations Simulation Based](#)
- [HRSG Design, Operations & Understanding, Controlling of HRSG Damage Mechanisms](#)
- [HV Substation Design & Construction](#)
- [IEC for Utilities](#)
- [Integration of Distributed Generation](#)
- [Introduction to Carbon Capture & Storage](#)
- [Introduction to Clean Coal Technology](#)
- [Introduction to Power Systems](#)
- [Keeping Electrical Switchgear Safe](#)
- [Leadership & Team Dynamics for Power & Utilities](#)
- [LNG Fundamentals](#)
- [LNG Markets & SPOT Trading](#)
- [Maintenance Planning & Scheduling](#)
- [Making IPP & Renewable Energy Projects Contract Frameworks Bankable](#)
- [Managing Complex Projects for Power and Utilities Professionals](#)
- [Medium Voltage & High Voltage Switchgear](#)
- [Metallurgy for Engineers](#)
- [Mechanical Engineering for Non-Mechanical Engineers](#)
- [Mini Hydro Project Analysis](#)
- [MKV Speedtronic Control System](#)
- [MK VI Speedtronic Control System](#)
- [Nuclear Energy Project Planning & Economics](#)
- [Nuclear Power](#)
- [Offshore Platforms Electrical Systems Design & Illustrations](#)
- [Operations of Coal Fired Power Plants](#)
- [Power Generation Commissioning, Operations & Maintenance](#)
- [Power Generation Operation, Protection & Excitation Control](#)
- [Power Plant Chemistry for Chemist & Chemical Engineers](#)
- [Power Purchase Agreements](#)
- [Process Control Methods](#)
- [Programmatic CDM](#)
- [Project Management for Power and Utilities](#)
- [Relay Protection in Power Systems](#)
- [Reliability Centered Maintenance Masterclass](#)
- [Reliability Engineering](#)
- [Renewable Energy Development & Investment](#)
- [Renewable Energy Integration](#)
- [Risk Based Inspection](#)
- [Risk Management in Power Markets](#)
- [Root Cause Analysis](#)
- [Rotating Equipment Maintenance & Reliability Excellence](#)
- [SCADA & Power Systems](#)
- [Smart Grid](#)
- [Solar Energy & Photovoltaic Power](#)
- [Spare Parts Optimisation](#)
- [Supercritical and Ultra-Supercritical Coal-Fired Power Plant](#)
- [Technical Report Writing & Presentation Skills for Power & Utilities Professionals](#)
- [Ultra Low NOx Gas Turbine Combustion](#)
- [Uninterruptible Power Supply](#)
- [Vibration Analysis & Condition Monitoring](#)
- [Waste to Energy Plant Operations](#)
- [Water Treatment and Corrosion Control for Steam Generation and Power Production](#)
- [Writing Effective Standard Operating Procedures \(SOP\) for Power & Utilities Professionals & Engineers](#)

Frequently Asked Questions (FAQs)

1. Does PowerEdge have other programmes than those listed?

We have more than 200 programmes that we are capable of running. All we need is for you to contact us and request for the preferred programme and we will be able to develop it.

2. Where is PowerEdge based?

PowerEDGE is headquartered in Singapore but we run our training programmes in different venues around Asia.

3. What does PowerEdge do?

We are a Power & Utilities Training Specialist.

4. Can this course be done in our city?

It absolutely can. Get in touch with us to request for a training programme to be carried out in your city.

5. Can you reduce the price of our preferred course?

While our price has been reduced before it is even launched, we are always happy to help you with further discounts.

6. Can you change the dates of the course?

If you have a special requested date, let us know and we will arrange another session for you.

7. Who are the companies that will be participating?

This varies from a diversity of Power Operators, Regulators, Financiers, to Vendors in the Power & Utilities industry.

8. Where is the venue for the course?

We usually engage a 4 to 5 star hotel meeting room to ensure the comfort of our participants.

9. How many delegates should we expect for each course?

This varies from 15 to 20 participants. Class sizes are kept small to allow trainers to focus better on each participant.

10. What are the different payment modes?

We accept Visa/MasterCard, cheques, bank transfers and cash on site.

11. Is accommodation included when I sign up for a course?

Accommodation is not included in the course fee but we are always happy to advise on available accommodations.

12. Can I get a cheaper accommodation through PowerEdge?

We will be pleased to help you negotiate a better rate with hotels.

13. Is lunch provided during the course?

We provide lunch and 2 tea breaks every day during our training programmes.

14. Are the training materials included once I have signed up for a course?

Yes, training and course materials are included in the course fee.

15. Will there be a certificate for the course?

Yes, there will be a certificate of participation upon completion of a course.

16. Who are PowerEdge trainers?

They are expert consultants and practitioners with many years of experience in the subject matter that they deliver on.

17. Are PowerEdge trainers competent?

We have received numerous favourable feedbacks on our trainers from past participants.

18. Can PowerEdge assist with Visa travel applications?

We can assist in advising you on the relevant procedure(s) and embassies/consulates that provide Visa for travel purposes.

19. Can we purchase training materials without attending a course?

Unfortunately this option is not available as training materials are specially developed for courses.

20. Can course content be tweaked to cater to our needs?

Of course! Just let us know your request and we will get the trainer to assist in carrying it out.

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REGISTRATION FORM

	NORMAL PRICE	Early Bird SAVE SGD 200 Ends 31 Jul 2015	GROUP OF 3 or More
3 Day Programme	SGD 3, 899 Per Participant (*GST Exclusive)	SGD 3, 699 Per Participant (*GST Exclusive)	SGD 3, 399 Per Participant (*GST Exclusive)
	SGD 4, 171.93 Per Participant (GST Inclusive)	SGD 3, 957.93 Per Participant (GST Inclusive)	SGD 3, 636.93 Per Participant (GST Inclusive)

ATTENDEE DETAILS

Name Job title

Tel Department Email

Name Job title

Tel Department Email

Name Job title

Tel Department Email

Name Job title

Tel Department Email

Name Job title

Tel Department Email

COMPANY DETAILS

Organisation name Industry.....

Address

Postcode..... Country.....

Tel Fax.....

PAYMENT METHODS

By Cheque/ Bank Draft: Make Payable to PowerEdge Pte Ltd.

By Telegraphic Transfer: Please quote AE1 with the remittance advise

Account Name: PowerEdge Pte. Ltd.

Bank Code: 7339 Branch code: 686 Account Number: 686-253386-001 Swift Code: OCBCSGSG

Bank Address: 65 Chulia Street OCBC Centre, Singapore 049513

All bank charges and payment in Singapore dollars (SGD) to be borne by payer. Please ensure that PowerEdge Pte Ltd receive the full invoiced amount.

PAYMENT POLICY

Payment is due in full at the time of registration. Full payment is mandatory for event attendance. I agree to PowerEdge Pte Ltd. payment terms

* GST- Exclusive price is only applicable for overseas corporate customers subject to qualifying conditions.

CANCELLATIONS & SUBSTITUTIONS

You may substitute delegates at any time. POWEREDGE PTE LTD does not provide refunds for cancellations. For cancellations received in writing more than seven (7) days prior to the training course you will receive a 100% credit to be used at another POWEREDGE PTE LTD training course for up to one year from the date of issuance. For cancellations received seven (7) days or less prior to an event (including day 7), no credits will be issued. In the event that POWEREDGE PTE LTD cancels an event, delegate payments at the date of cancellation will be credited to a future POWEREDGE PTE LTD event. This credit will be available for up to one year from the date of issuance. In the event that POWEREDGE PTE LTD postpones an event, delegate payments at the postponement date will be credited towards the rescheduled date. If the delegate is unable to attend the rescheduled event, the delegate will receive a 100% credit

4 ways to Register

-  [Online Web Registration](#)
-  info@poweredgeasia.com
-  (65) 6741 9927
-  (65) 67478737

RELATED COURSES

- [Keeping Electrical Switchgear Safe](#)
- [Introduction to Power Systems](#)
- [Excitation Systems](#)
- [Fundamentals of Power Generation](#)



On Site Training

Can't make it for the Course?
We'll make the course come to you!!

Simply let us know your preferred time and dates and we will meet you at your schedule and venue.

With a host of highly trained experts, we will be happy to customize your programme with your needs 100% fulfilled.

Contact us today at

-  info@poweredgeasia.com
-  (65) 6741 9927

