

POWER PLANT

OPERATOR TRAINING SIMULATOR

OTS

Training
Engineering Design
Construction
Commissioning

- Learn in real control room environment
- Understanding the "why" not just the "how" the plant performs



Training Provider



DEVELOPMENT | TRAINING | CONSULTING

SIMGenics Representative Indonesia



Drive Operational Effectiveness



SIMGENICS OPERATOR TRAINING SIMULATOR (OTS)

High fidelity-simulation software menggunakan basis "Data Modeling" dari proses nyata dengan tujuan untuk melatih trainee (engineer/operator) dalam mengontrol proses pembangkit baik dalam kondisi normal ataupun darurat tanpa mempengaruhi operasi pembangkit.

OTS-Manfaat dan Kegunaan

"Operator Training", OTS menyediakan fasilitas bagi para trainee untuk melakukan familiarisasi dengan prosedur operasi power plant, sebelum terjun mengoperasikan power plant tersebut secara langsung di lapangan. Sehingga, OTS ini bisa dipergunakan untuk mencetak engineer dan operator, mulai dari fresh graduate sampai menjadi engineer atau operator yang berkompentensi dan berkualitas.

OTS meningkatkan kompetensi operator sehingga para operator mampu untuk menghindari situasi yang berpotensi menimbulkan bahaya, mendiagnosa kondisi operasi yang abnormal dan melakukan troubleshooting. Hal ini sangatlah penting untuk memastikan power plant operation yang aman dan reliable.

OTS wajib diikuti oleh mahasiswa, program vokasi (politeknik), operator pembangkit, konsultan, dan tenaga pendidik yang ingin mendalami kompetensi dibidang pembangkit listrik.



TRAINING

A. BASIC TRAINING

MODULAR TRAINING :

Paket A : Steam boiler	_____	2 Hari
Paket B : Boiler Air and Flue Gas	_____	2 Hari
Paket C : Turbine & Auxiliaries	_____	2 Hari
Paket D : Generator & Auxiliaries	_____	2 Hari

INTEGRATED PACKAGE:

Paket E : Integrated Start-up	_____	5 Hari
Paket F : Integrated Shutdown	_____	3 Hari
Paket G: Complete Power Plant training package	_____	8 Hari

B. ADVANCE TRAINING

Power Plant Optimization and Troubleshooting

Penyelenggaraan Training Simulator dapat dilakukan secara **INHOUSE** sesuai kebutuhan



CONSULTING (SIMGENICS OTS DESIGN)

Perancangan Model Simulator yg diperlukan sesuai dengan kondisi riil (tailor made)



SIMGENICS OTS TURNKEY PROJECT

Penyiapan OTS mulai dari Engineering, Procurement, Construction, and Commissioning

INFORMASI

PT.DATC

Kantor Administrasi :

Jl. Muara Takus Raya No. A6/7 PHARMINDO – CIJERAH, BANDUNG

Kantor Operasional :

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SIMGenics PARTNERS

Power and productivity
for a better world™ **ABB**

INTERGRAPH

Alghanim International
Member of Fossil Alghanim & Sons Group of Companies

NRG

Entergy

kaec
Our power is our people.
KENTUCKY ASSOCIATION OF ELECTRIC COOPERATIVES INC.

**MidAmerican
ENERGY.**

**ptt
PHENOL**

Eskom

LEICA

Nebraska Public Power District
Always there when you need us

SIEMENS

SIMGenics WORLD WIDE CUSTOMER

- NRG
- Westar Energy
- Black Hills Power Corp.
- Pierpont Community and Technical College
- Portland General Electric
- NV Energy
- Austin Energy
- EPRI
- Stationary Engineers
- NIPSCO (Michigan City Generating Station, R.M. Schahfer Generating Station, Bailly Generating Station, Dean H. Mitchell Station, and Corporate Training Center)
- NPPD (Gerald Gentlemen Station units 1 and 2, Canaday Station, and Sheldon Station)
- Oklahoma Gas & Electric Company
- Pacificorp (Naughton Power Plant, Dave Johnston Power Plant and Wyodak Power Plant)
- Duke Energy (Cayuga Generating Station, Zimmer Generating Station, Beckjord Generating Station, Gibson Generating Station, Gallagher Station, and East Bend Generating Station)
- Entergy (Corporate Headquarters, White Bluff Plant, Sabine Plant, Willow Glen Plant, Michoud Plant, Independence Plant, Little Gypsy Plant, Nine Mile Plant, Waterford Plant, Lewis Creek Plant, and Nelson Plant)
- Basin Electric Power Cooperative (Laramie River Station)
- Associated Electric Power Cooperative Inc. (New Madrid Plant, Thomas Hill Plant)
- Santee Cooper Electric (Cross Plant, Winyah Plant, Grainger Plant, Jeffries Plant)
- Vectren Energy (A.B. Brown Plant, Culley Plant)
- Portland General Electric (Boardman Plant)
- MidAmerican Energy
- Texas Municipal Power Agency (Gibbons Creek Steam Electric Station)
- General Chemical Corporation (Multi-boiler, multi-turbine, coal fired cogeneration plant located in Green River, Wyoming)
- Nova Scotia Community College (Ackersley and Strait Campus)
- Casper Community College
- St. Lawrence College
- California Public Utilities Commission
- Eskom
- Intergraph PP&M
- PTT Phenol
- 3D Verifier
- Canadian National Resources Limited (CNRL)
- Alghanim International
- ABB
- Siemens
- Fluor

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//SimGenics// //OVERVIEW//