

## Medium Voltage Switchgears

FIRST PHILEC can supply metal-clad medium voltage switchgears of up to 36KV class. Vacuum or SF6 circuit breakers are used for added efficiency, safety and reliability. We can also retrofit to adapt to your existing switchgears.



## Packaged Substation Projects

FIRST PHILEC can deliver turnkey solutions for PACKAGED SUBSTATIONS of up to 69KV. Our services include:

- **Engineering**
- **Procurement**
- **Project management**
- **Installation**
- **Testing and commissioning**



## Technical Support

A full complement of highly qualified and experienced Technical personnel are on call to service client concerns.

*FIRST PHILEC developed the first 33MVA, 69KV Mobile Substation in the Philippines for Visayan Electric Corp (VECO)*



## Compartmentalized Transformer w/ Integrated Protective Devices

This 3-phase transformer is designed for industrial and commercial applications which delivers

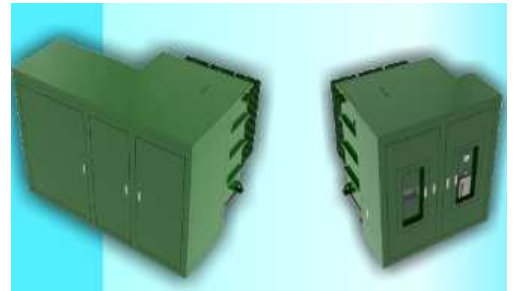
- (1) a combined transformer w/ protective devices either at the primary/secondary or both voltages;
- (2) an integrated design that reduces the total equipment footprint by at least 50%; and
- (4) a cost effective solution from project start-up to completion. This equipment is plug and play, transportable and expandable

The compact installation is type tested consisting of distribution transformer, medium voltage switchgear, connectors and associated equipment in an enclosed cabinet.



### Standard Features

- *Separate transformer and switchgears for higher reliability*
- *Factory assembly ensures high quality of product*
- *Lower installation cost due to minimal site activities*
- *Use of more reliable, safer and environmentally friendly SF6 insulation*
- *MV switchgear affords flexibility for future expansion of bays*



Model	Rating (kVA)	WIDTH (mm)		HEIGHT (mm)		DEPTH (mm)	
		RMU	MVI	RMU	MVI	RMU	MVI
<b>IPD500</b>	500	4100	2300	2200	2200	2300	2200
<b>IPD750</b>	750	4100	2300	2200	2200	2400	2300
<b>IPD1000</b>	1000	4400	2700	2200	2200	2400	2400
<b>IPD1500</b>	1500	4400	2700	2200	2200	2600	2600
<b>IPD2000</b>	2000	4400	2700	2200	2200	2800	2800
<b>IPD2500</b>	2500	4400	2700	2200	2200	3000	3000
<b>IPD3000</b>	3000	4400	-	2200	-	3200	-



Call us so we can discuss with you our products and services and see which one would best fit your needs.  
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Email us at [marketing@firstphileceu.com](mailto:marketing@firstphileceu.com) and we would be glad to assist you with the appropriate products and services for your needs.