Manufacturers of HV circuit breakers have settled on the same basic design of the modern breaker. But as utilities know the substations and power system have evolved over many decades; the US power system currently includes a wide variety of breakers from a number of manufacturers. Many of the older breakers had larger phase spacing than today's standard design and the substation was designed around those breakers. To remove the older breakers from service involves substantial additional expenses for engineering, material and labor to modify the substation to accept the present-day breaker designs.

ABB High Voltage Service has worked with many utilities to take current breaker technology and adapt it to meet a customer’s special requirements of the existing breaker location. No matter if it is a 121 kV oil breaker with 12 foot phase spacing located under a transmission tower or a transmission line traveling under a 100 story skyscraper. ABB customizes solutions to meet the special needs of the users.

Many users end up using a standard, off-the-shelf HV circuit breaker to meet their replacement needs and then find that they can incur great financial cost modifying the substation. These replacement costs can be dramatically reduced by using a custom application, designed by ABB High Voltage Service, to meet the needs of your system.

Specially engineered 121 kv dead tank circuit breaker with 12 ft phase spacing.

For more information on this and other valuable services, contact your local ABB representative at 724-696-1300.
For more information please contact:

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