



## Spare Parts Kitting

Siemens Energy Spare Part Management  
PIB 18-2020

### Background

Spare parts play a vital role for both planned and unplanned outages (emergency spares) as well as for strategic reserve to allow a smooth execution of maintenance activities and thus safeguard a high availability of the turboset. Siemens Energy offers a concept to support the customer with spare part management.

Depending on the operator's request Siemens Energy can provide a concept for basic or complete spare part kits - ready for parts provision on short notice. Siemens Energy will take care about the warehousing, completeness, integrity, timely delivery and re-filling of the corresponding part kits.

Parts will be stored within customer's own country to allow timely delivery without potential long-haul goods transport and/or customs handling.

### Description

Siemens Energy provides a sophisticated packing, warehousing, inspection and transportation process for spare part kits for the above-mentioned product families including OEM-know to recommend the necessary spare parts without any additional planning-effort from your side:

#### 1.Packing:

Your spare parts will be properly packed in one or more dedicated spare part boxes depending on the number & volume of parts using color coded foam

inlets for different components. An ecofriendly re-sealable preservation will safeguard the integrity of your parts for up to 5 years. In the box the parts can be easily identified thanks to the corresponding labeling. Access to the parts for your maintenance personnel or Siemens Energy Field Service personnel is easy as the parts have dedicated locations in the drawers of the box(es). A corresponding documentation will come along with the boxes.



Figure 1: Kit with Spare Parts

## 2. Warehousing:

The part boxes will be stored in a dedicated, air-conditioned warehouse (HACCP certified). The warehouse has 24/7 service and is secured with port security; all entrance activities are registered. At any time, yard personnel for handling activities is present.

## 3. Regular-Inspections:

Our regional Siemens Energy office will conduct a yearly inspection of the spare parts to keep track on the inventory and integrity of the parts. If requested an additional pre-outage check can be performed. After the box(es) coming back to the warehouse, we will conduct a completeness check and offer consumed spare parts for refill.

After approximately 5 years the protection bags will automatically be renewed to keep the integrity of the spare parts. In addition, specific spare parts (elastomers) will be exchanged based on their specific lifetime expectation.

## 4. Transportation

Upon your call the spare parts will be delivered to your site the next day or – in case of emergency – dispatched latest after 3 hours. Only the actual delivery services will be charged in addition to the contract.

Special conditions may apply under a Long-Term-Program (LTP). The mentioned spare part boxes can of course also be purchased directly (without parts management by Siemens Energy).

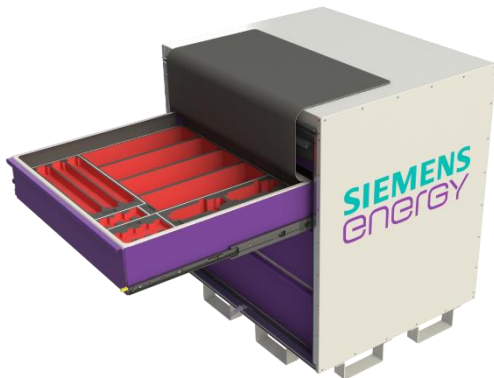


Figure 2: Empty Spare Part Kit

## Planning and Implementation

The mentioned spare management can be requested via our regional Siemens Energy contact. After ordering the spare parts (existing or to be newly delivered) will be packed in the corresponding spare part boxes. Your regional Siemens Energy office will take care for the delivery to the dedicated warehouse as well as all future deliveries to site and back to the warehouse.

## Your Benefits

Advantage of the provision of spare part kits by Siemens Energy is the guaranteed completeness and integrity, as well as on the spot availability of all available spare parts. Thus, no own logistic resources (and belonging space) will be required to keep track on spare parts!

In case of any turbine-standstill, the appropriate work has to be performed fast and sorted. Having the relevant spare parts available in dedicated spare part boxes means less searching effort and waiting time to check the parts-availability. Thus, no emergency orders have to be placed during the outage. Likewise, the smooth execution of outages or maintenance interventions will be safeguarded and the turboset availability will be increased.

### Published by Siemens Energy 2020:

Power Generation Services  
Freyeslebenstraße 1  
91058 Erlangen, Germany

### For more information, please contact our Customer Support Center

Phone: +49 180 524 70 00  
Fax: +49 180 524 24 71  
(Charges depending on provider)  
E-Mail: [support.energy@siemens.com](mailto:support.energy@siemens.com)  
[siemens.com/energy](https://www.siemens.com/energy)

Order No.: PSDG-T10033-00-7600 04.17 PF