Due to technical specification of the DGS-1100-05PD & DGS-1100-05PDv2 following combination for PoE PD on Ports 1 & 2 are valid and working.

DGS-1100-05PD Pass Through PSE output

PD	PSE	
Port 5 Connected Device Type	Port 1 PD Class Type Support	Port 2 PD Class Type Support
IEEE802.3af PoE Switch or Injector	Class1 or 2	NA
IEEE802.3af PoE Switch or Injector	NA	Class1 or 2
IEEE802.3at PoE Switch or Injector	Class0 or 3	NA
IEEE802.3at PoE Switch or Injector	NA	Class0 or 3
IEEE802.3at PoE Switch or Injector	Class1 or 2	Class1 or 2

PoE PSE   = PoE Power Supply
PoE PD   = PoE Powered Device