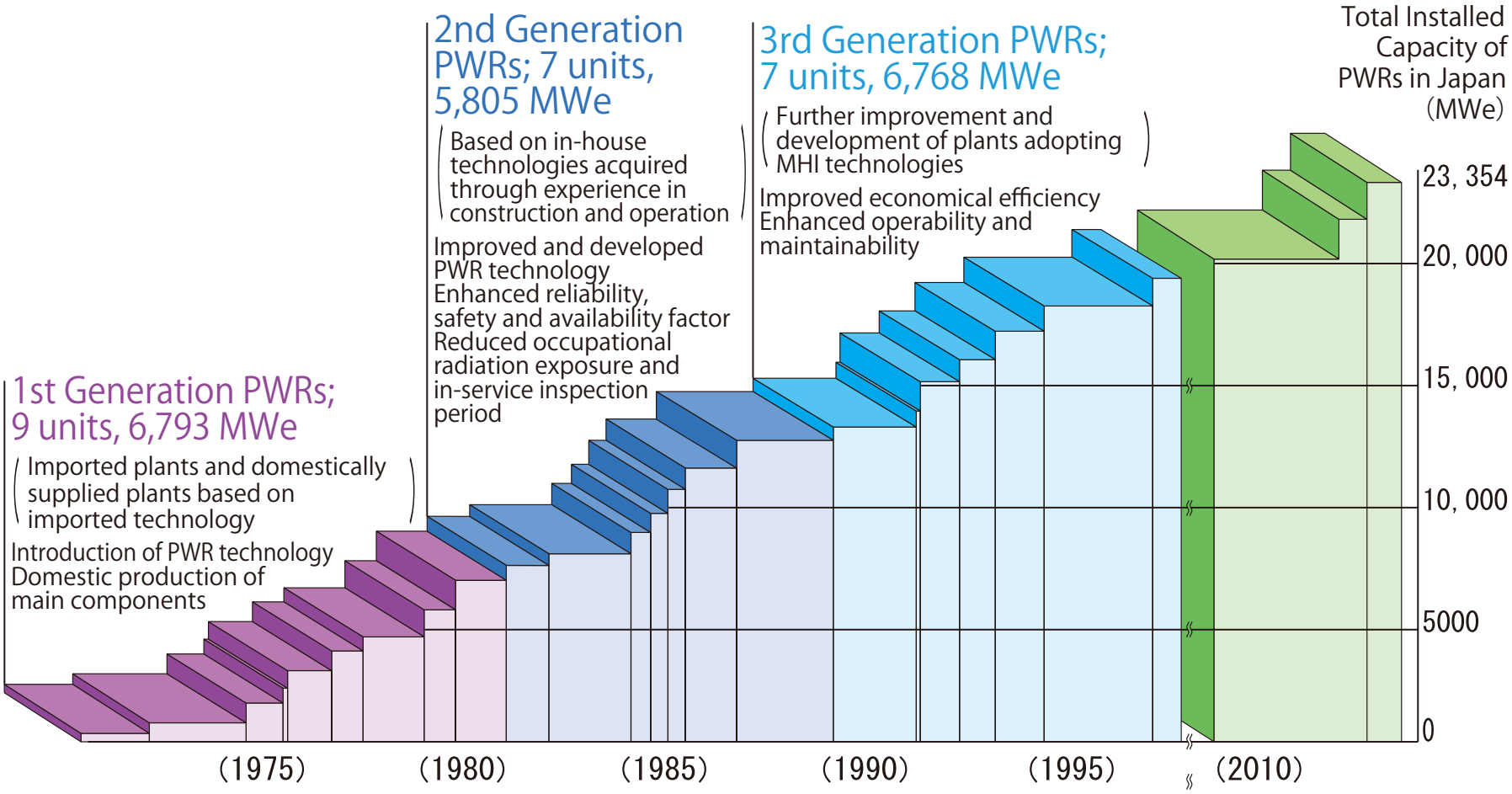
1st Generation PWRs;
9 units, 6,793 MWe
Imported plants and domestically supplied plants based on imported technology
Introduction of PWR technology
Domestic production of main components
2nd Generation PWRs; 7 units, 5,805 MWe
Based on in-house technologies acquired through experience in construction and operation
Improved and developed PWR technology
Enhanced reliability, safety and availability factor
Reduced occupational radiation exposure and in-service inspection period
3rd Generation PWRs; 7 units, 6,768 MWe
Further improvement and development of plants adopting MHI technologies
Improved economical efficiency
Enhanced operability and maintainability
Total Installed Capacity of PWRs in Japan (MWe)
23, 354
20, 000
15, 000
10, 000
5000
0
(1975)
(1980)
(1985)
(1990)
(1995)
(2010)