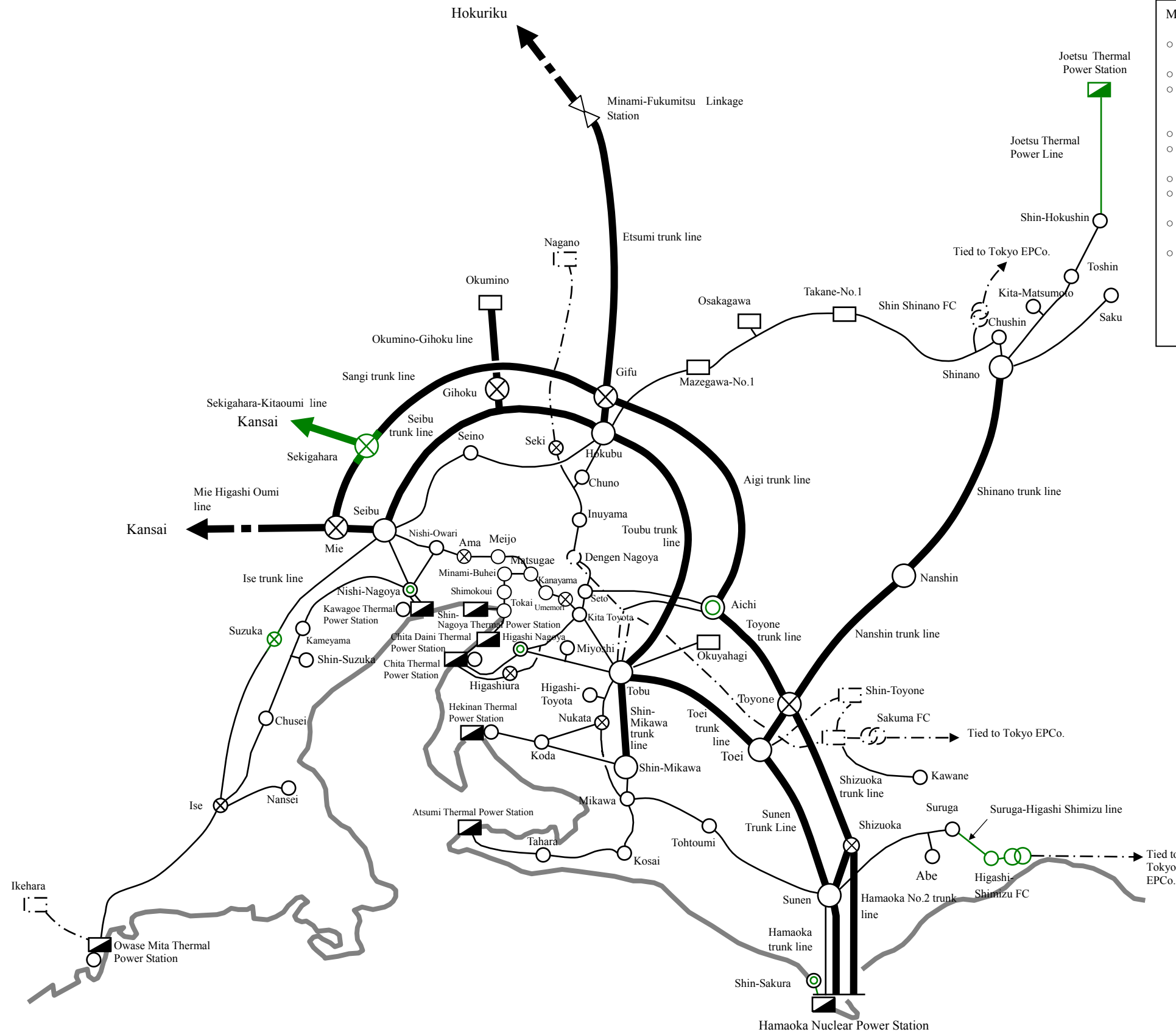


POWER SYSTEM MAP (as of March 31, 2019)



Main Power Transmission Facilities Plan

- Expansion of 275 kV Hamaoka - Shin-Sakura line
- Expansion of 275 kV Shin-Sakura Substation ----- Commences operation in May 2010
- 275 kV Joetsu Thermal Power Line ----- Commences operation in June 2011
- 275 kV Suzuka Switching Station ----- Commences operation in June 2011
- 275 kV Ise Trunk Line: π connection with Suzuka Switching Station ----- Commences operation in June 2011
- Expansion of 500 kV Aichi Substation ----- Commences operation in June 2012
- Capacity increase at 275 kV Higashi-Nagoya Substation ----- Commences operation in June 2012
- Expansion of 275 kV Nishi-Nagoya Substation ----- Commences operation in June 2013
- 275 kV Suruga - Higashi Shimizu line ----- Commences operation in March 2014
- 275 kV Higashi Shimizu Substation ----- Commences operation in March 2014
- Higashi Shimizu Substation FC ----- Commences operation in December 2014 (Partial operation from March 2006)
- 500 kV Sekigahara-Kitaoumi Line ----- Commences operation in June 2016
- 500 kV Sekigahara Switching Station ----- Commences operation in June 2016
- 500 kV Sangi Trunk Line: π connection with Sekigahara Switching Station ----- Commences operation in June 2016

Legends

- 500 kV Transmission lines
- 275 kV Transmission lines
- Substations
- Switching stations
- Hydroelectric power stations
- Thermal and Nuclear Power Station
- External transmission line
- External substations
- External power stations
- Transmission facilities to start use between FY2010-19 (new and expansion)
- Transformer facilities to start use between FY2010-19 (new)
- Transformer facilities to start use between FY2010-19 (new and increased capacity)
- Power generation facilities to start use between FY2010-19 (new)