

## 2. Materials and Equipment for Substations

Item name/Product name (Specification etc.)	Branch	Qty	Unit	Quotation Date	Delivery Date	Delivery Condition
				Year/Mon.	Year/Mon.	
Gas-insulated switchgear unit (187kV)	Anan Thermal Power Substation	9	Set	2024/04	2027/11	Installed & adjusted
Gas-insulated switchgear (72kV)	Matsushima Substation	1	Unit	2024/04	2027/11	Delivered & adjusted
Distribution transformer	Kirihata Substation	1	Unit	2024/04	2024/11	Installed & adjusted
Replacement of insulator cleaning pump	Nyuugawa Substation	1	Unit	2024/04	2025/09	Installed & adjusted
Modification of gas-insulated switchgear (72kV)	Kamitenjin Substation	1	Unit	2024/04	2025/11	Delivered & adjusted
Gas-insulated switchgear (72kV)	Higashihama Substation	1	Set	2024/04	2027/04	Free on truck
Repairs of electric motor-operated valve for insulator cleaning	Anan AC/DC Converter Maintenance Office	1	Unit	2024/04	2025/03	Delivered & adjusted
Reinforcement of switch box	Kirihata Substation	8	Box	2024/04	2025/04	Free on truck
Remote monitoring control device	Hayashi Substation	3	Panel	2024/04	2026/07	Delivered & adjusted
Remote monitoring control device	Anabuki Substation	3	Panel	2024/04	2026/05	Delivered & adjusted
Remote monitoring control device	Higashihama Substation	1	Unit	2024/04	2026/05	Delivered & adjusted
Switch box (FE600*2, in-station, high connection box)	Hirajima Substation	1	Unit	2024/04	2025/09	Free on truck
Transformer box	Naruto Substation	1	Box	2024/04	2026/09	Free on truck
Circuit breaker (72kV 800A 20kA) Circuit breaker (72kV 2000A 20kA)	Higashihama Substation	2	Set	2024/04	2027/08	Free on truck
Transformer for instrument for bus line (110kV)	Bunsui No.3 Substation	6	Piece	2024/04	2024/09	Free on truck
Switch box (power receiving box) (6kV)	Distribution Dispatching Center.	3	Box	2024/04	2025/04	Free on truck
Switch box (TR secondary 1200A BT600A FE600*1 PC H)	Hinotani Substation	1	Unit	2024/04	2025/10	Free on truck
Distribution transformer control panel	Awa Substation	2	Panel	2024/04	2025/05	Free on truck
Extinguishment facilities inert gas	Nouninmachi Substation	1	Unit	2024/04	2025/05	Installed & adjusted
No. 1 Linkage transformer tertiary PT box	Naruto Substation	1	Box	2024/04	2026/09	Free on truck
Supervisory control panel	Higashihama Substation	1	Unit	2024/04	2026/02	Free on truck
Distribution transformer (66/22/6.6 20MVA for outdoor)	Imabari Substation	1	Set	2024/05	2025/11	Delivered & adjusted
Gas-insulated switchgear (72kV)	Dogo Substation	3	Set	2024/05	2025/12	Delivered & adjusted
Gas-insulated switchgear (72kV)	Dogo Substation	3	Set	2024/05	2026/05	Delivered & adjusted
Distribution transformer (66/6.6kV sound-proof room 15MVA)	Akaishi Substation	1	Set	2024/05	2025/12	Delivered & adjusted
Switch box (22kV)	Motoyama Substation	5	Box	2024/05	2025/08	Free on truck
Secondary cooling water pump	Anan AC/DC Converter Maintenance Office	1	Unit	2024/05	2025/07	Installed & adjusted
Switch box (FE600*3)	Hirajima Substation	1	Unit	2024/05	2026/01	Free on truck
Supervisory control panel	Komatsushima Substation	2	Panel	2024/05	2025/10	Free on truck
Line switch (187kV 2000A 31.5kA)	Hiroimi Substation	6	Pair	2024/06	2025/10	Delivered & adjusted
Line switch (187kV 2000A 31.5kA)	Ozu Substation	4	Pair	2024/06	2025/10	Delivered & adjusted
Logic panel, measurement panel	Takehara Substation	2	Panel	2024/06	2026/11	Delivered & adjusted
Supervisory control panel	Asahimachi Substation	3	Panel	2024/06	2026/02	Free on truck
Power receiving box, spare transformer box	Matsuyama Denki Building	2	Box	2024/06	2026/06	Free on truck
Distribution transformer (66/6kV 20MVA)	Yamagawa Substation	1	Set	2024/07	2026/01	Delivered & adjusted
Distribution transformer (66/6.6kV sound-proof room 15MVA)	Hirajima Substation	1	Set	2024/07	2026/03	Delivered & adjusted
AC circuit breaker (204kV)	Ikawa Substation	1	Set	2024/07	2025/10	Delivered & adjusted
AC circuit breaker (204kV)	Ikawa Substation	1	Set	2024/07	2025/10	Delivered & adjusted

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Remote monitoring control device	Uwajima Substation	1	Unit	2024/07	2026/10	Delivered & adjusted
Switch box (transformer secondary, 6kV 2000A, outdoor)	Ohama Substation	8	Box	2024/07	2025/07	Free on truck
Switch box (transformer secondary, 6kV 2000A, outdoor)	Kotohira Substation	7	Box	2024/07	2025/03	Free on truck
Repair of No.1 phase modification transformer gas-insulated switchgear pressure oil pump, etc.	Anan AC/DC Converter Maintenance Office	1	Unit	2024/07	2025/05	Delivered & adjusted
Repair of No.1 phase modification transformer control mechanism electric parts, etc.	Anan AC/DC Converter Maintenance Office	1	Unit	2024/07	2025/05	Delivered & adjusted
Repair of gas-insulated switchgear cable head unit	Kuramoto Substation	1	Unit	2024/07	2025/03	Installed & adjusted
Line switch (204kV)	Ikawa Substation	2	Set	2024/07	2025/10	Delivered & adjusted
Minute inspection on gas-insulated switchgear, etc.	Anan AC/DC Converter Maintenance Office	1	Unit	2024/07	2025/05	Delivered & adjusted
Repair of main transformer primary gas-insulated switchgear hydraulic pressure control mechanism	Kagawa Substation	1	Unit	2024/07	2025/09	Installed & adjusted
Repair of main transformer secondary gas-insulated switchgear hydraulic pressure control mechanism	Kagawa Substation	1	Unit	2024/07	2025/11	Installed & adjusted
Repair of main transformer tertiary gas-insulated switchgear hydraulic pressure control mechanism	Kagawa Substation	1	Unit	2024/07	2025/12	Installed & adjusted
Power capacitor (22kV 20MVA)	Kochi Substation	1	Piece	2024/08	2026/10	Free on truck
Circuit breaker (204kV: 200VA x 3 units, 50VA x 2 units) Circuit breaker (72kV: 50VA x 4 units)	Takamatsu Substation	1	Unit	2024/08	2026/02	Free on truck
Gas-insulated switchgear unit (72kV)	Tamiya Substation	8	Set	2024/09	2026/11	Delivered & adjusted
Power capacitor (22kV 20MVA)	Kochi Substation	1	Piece	2024/09	2026/09	Free on truck
AC circuit breaker (204kV, 2000A, 40kA)	Takamatsu Substation	1	Set	2024/09	2026/01	Delivered & adjusted
AC circuit breaker (204kV, 2000A, 40kA)	Takamatsu Substation	1	Set	2024/09	2026/01	Delivered & adjusted
AC circuit breaker (204kV, 2000A, 40kA)	Takamatsu Substation	1	Set	2024/09	2026/01	Delivered & adjusted
Line switch (204kV 2000A 40kA) Line switch (204kV 2000A 40kA with grounding device)	Takamatsu Substation	3	Pair	2024/09	2026/01	Delivered & adjusted
Line switch (204kV 2000A 40kA) Line switch (204kV 2000A 40kA with grounding device)	Takamatsu Substation	3	Pair	2024/09	2026/01	Delivered & adjusted
Line switch (204kV 3000A 40kA)	Takamatsu Substation	2	Pair	2024/09	2026/01	Delivered & adjusted
Line switch (110kV, B-LS)	Bunsui No.3 Substation	6	Pair	2024/09	2025/10	Free on truck
AC circuit breaker (72kV, 1200A, 20kA)	Harami Substation	1	Piece	2024/10	2026/04	Free on truck
AC circuit breaker (72kV, 1000A, 20kA)	Harami Substation	1	Piece	2024/10	2026/04	Free on truck
Unipolar normal inspection	Anan AC/DC Converter Maintenance Office	1	Unit	2024/11	2025/12	Installed & adjusted
Repair of group 1 cooling tower electric motor	Anan AC/DC Converter Maintenance Office	1	Unit	2024/11	2025/08	Delivered & adjusted
Repair of unipolar DC reactor oil transfer pump	Anan AC/DC Converter Maintenance Office	1	Unit	2024/11	2025/08	Installed & adjusted
Repair of unipolar DC - gas-insulated switchgear electric equipment	Anan AC/DC Converter Maintenance Office	1	Unit	2024/11	2025/08	Delivered & adjusted
Repair of group 1 transformer oil transfer pump	Anan AC/DC Converter Maintenance Office	1	Unit	2024/11	2025/08	Delivered & adjusted
Neutral grounding resistor system (190.5Ω 200A)	Kokufu Substation	1	Set	2024/11	2026/04	Free on truck
Unipolar normal inspection	Anan AC/DC Converter Maintenance Office	1	Unit	2024/11	2025/09	Installed & adjusted
Distribution panel (Power receiving panel)	Kagami Substation	1	Panel	2024/11	2026/04	Free on truck
Distribution transformer (66kV/6kV 15MVA sound-proof room, salt-tolerant L, high efficiency)	Niihama Substation	1	Set	2024/12	2026/11	Delivered & adjusted
Transformer (15MVA sound-proof room)	Izume Substation	1	Set	2024/12	2026/05	Delivered & adjusted
Remote patrolling system	Kinuyama Substation	1	Unit	2024/12	2025/12	Delivered & adjusted
Power receiving panel, in-station panel	Nakano Substation	2	Panel	2024/12	2026/08	Free on truck
SC panel	Nakamura Substation	2	Panel	2024/12	2026/04	Free on truck
Distribution transformer (66kV/6kV sound-proof room 15MVA)	Ohama Substation	1	Set	2025/01	2026/05	Delivered & adjusted
Remote monitoring control device	Kannonji Substation	1	Unit	2025/01	2027/04	Delivered & adjusted

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Switch box (Transformer secondary 1200A BT1200*1 FE600*2 PC in-station, high connection box)	Kamiita Substation	6	Box	2025/01	2026/09	Free on truck
Gas-insulated switchgear (204kV)	Ikawa Substation	3	Set	2025/02	2026/11	Installed & adjusted
Smart Factory implementation work	Sanuki Substation	1	Unit	2025/02	2027/12	Installed & adjusted
Transformer (15MVA)	Kera Substation	1	Set	2025/02	2026/05	Delivered & adjusted
Switch box (22kV No. 1 connecting transformer tertiary CB box, auxiliary box, in-station TR box, in-station switching box)	Ikawa Substation	4	Box	2025/02	2026/11	Delivered & adjusted
500kV bus connection: Repair of No. 3 gas shut-off valve control mechanism	Sanuki Substation	1	Unit	2025/02	2027/03	Installed & adjusted
500kV bus connection: Repair of No. 4 gas shut-off valve control mechanism	Sanuki Substation	1	Unit	2025/02	2027/03	Installed & adjusted
Switch box (transformer tertiary, 6kV 2000A, outdoor)	Takamatsu Substation	1	Unit	2025/02	2026/09	Free on truck
Switch box (6kV)	Kera Substation	6	Box	2025/02	2027/10	Free on truck
Switch box (6kV)	Uwajima Substation	8	Box	2025/02	2026/10	Free on truck
Remote monitoring control device	Yawatahama Substation	1	Unit	2025/03	2027/06	Delivered & adjusted
Switch box (transformer secondary, 6kV 2000A, outdoor)	Ohama Substation	8	Box	2025/03	2026/03	Free on truck
500kV bus connection: Overhaul of No. 1 circuit breaker control mechanism, etc.	Toyo Substation	1	Unit	2025/03	2025/10	Delivered & adjusted
Remote monitoring control device	Otsu Substation	2	Panel	2025/03	2027/06	Delivered & adjusted

## (Reference) For FY2025

AC circuit unit type digital monitoring control panel	Anan AC/DC Converter Maintenance Office	1	Unit	2025/04	2027/11	Delivered & adjusted
Monitoring control system software	Anan AC/DC Converter Maintenance Office	1	Unit	2025/04	2027/11	Installed & adjusted
Logic panel, measurement panel	Imabari Substation	4	Panel	2025/04	2028/01	Delivered & adjusted
Information conversion device (AC)	Anan AC/DC Converter Maintenance Office	1	Unit	2025/04	2027/11	Delivered & adjusted
Overhaul of circuit breaker control mechanism, etc.	Toyo Substation	1	Unit	2025/04	2025/11	Delivered & adjusted
500kV bus connection: Overhaul of No. 2 circuit breaker control mechanism, etc.	Toyo Substation	1	Unit	2025/04	2025/11	Delivered & adjusted
AC circuit breaker (72kV, 800A, 20kA, single-phase)	Matsushima Substation	3	Set	2025/04	2027/04	Free on truck
AC circuit breaker (72kV, 800A, 20kA)	Yamagiwa Substation	2	Set	2025/04	2026/10	Free on truck
Transformer for instrument for line route/transformer for instrument for bus line	Saga Substation	5	Pair	2025/04	2027/03	Free on truck
Distribution transformer (66/6.6kV sound-proof room 15MVA)	Tamiya Substation	1	Set	2025/05	2026/12	Delivered & adjusted
Overhaul of circuit breaker control mechanism, etc.	Toyo Substation	1	Unit	2025/05	2025/12	Delivered & adjusted
Remote monitoring control device	Sangawa Substation	2	Panel	2025/05	2027/10	Delivered & adjusted
Supervisory control panel	Ohama Substation	2	Panel	2025/05	2026/09	Free on truck
Switch box (22kV)	Kochi Substation	2	Box	2025/05	2026/08	Free on truck
Distribution transformer (66/6kV sound-proof room 15MVA)	K Substation	1	Set	2025/06	2026/01	Delivered & adjusted
Distribution transformer (66/6kV sound-proof room 15MVA)	Masaeda Substation	1	Set	2025/06	2027/06	Delivered & adjusted
Remote monitoring control device	Mugi Substation	2	Panel	2025/06	2027/09	Delivered & adjusted
AC circuit breaker (72kV, 4000A, 31.5kA)	Takamatsu Substation	1	Set	2025/06	2027/03	Free on truck
Line switch conductor section (110kV)	Bunsui No.3 Substation	5	Pair	2025/06	2025/09	Free on truck
Power capacitor panel	Asakawa Substation	1	Panel	2025/06	2026/11	Free on truck
Transformer (15MVA)	Asahi Substation	1	Set	2025/07	2026/12	Installed & adjusted
Remote patrolling system	Saika Substation	1	Unit	2025/07	2026/07	Installed & adjusted
Switch box (transformer secondary, 6kV 2000A)	Kawanoe Substation	8	Box	2025/07	2026/09	Free on truck

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Line switch (187kV 2000A 31.5kA)	Ozu Substation	4	Pair	2025/07	2026/11	Delivered & adjusted
Switch box (transformer secondary, 6kV 2000A, outdoor)	Ritsurin Substation	7	Box	2025/07	2027/03	Free on truck
Power transmitting/receiving panel	No.5 Kurokawa Substation	1	Panel	2025/07	2026/11	Free on truck
Gas-insulated switchgear	Imabari Substation	15	Unit	2025/08	2027/02	Delivered & adjusted
Gas-insulated switchgear (72kV)	Toyo Substation	6	Unit	2025/08	2028/02	Delivered & adjusted
Gas-insulated switchgear (72kV)	Nishitoori Substation	1	Unit	2025/08	2027/04	Delivered & adjusted
Switch box (transformer secondary, 6kV 2000A, outdoor)	Kannonji Substation	10	Box	2025/08	2027/04	Free on truck
Switch box (6kV)	Honai Substation	7	Box	2025/08	2027/04	Free on truck
AC circuit breaker box (transformer tertiary 24kV, 2000A, 25kA)	Naruto Substation	1	Box	2025/08	2026/09	Free on truck
Cooler control panel	Anan Thermal Power Substation	1	Unit	2025/08	2027/05	Delivered & adjusted
Switch box (6kV)	Enokuchi Substation	6	Box	2025/09	2027/06	Free on truck
Switch box (6kV)	Nagase Substation	7	Box	2025/09	2027/05	Free on truck
Switch box (6kV)	Tano Substation	6	Box	2025/09	2027/05	Free on truck
Phase modification transformer protection device, etc.	Anan AC/DC Converter Maintenance Office	1	Unit	2025/10	2027/06	Delivered & adjusted
Distribution transformer (66kV/6.6kV sound-proof room 20MVA)	Izumigawa Substation	1	Set	2025/10	2027/06	Installed & adjusted
Phase modification protection device	Anan AC/DC Converter Maintenance Office	1	Unit	2025/10	2027/06	Delivered & adjusted
AC circuit breaker (72kV, 800A, 20kA)	Honai Substation	2	Set	2025/10	2027/04	Free on truck
AC circuit breaker (72kV, 800A, 20kA)	Shimoji Substation	2	Piece	2025/10	2027/06	Free on truck
Distribution transformer (66/6kV sound-proof room 15MVA double-tank type)	Kannonji Substation	1	Set	2025/11	2027/04	Delivered & adjusted
Linkage transformer (187kV/66kV 100MVA)	Saijo Substation	1	Set	2025/12	2028/06	Installed & adjusted
Distribution transformer (187kV/66kV sound-proof room 150MVA)	K Substation	1	Set	2025/12	2028/12	Installed & adjusted
Distribution transformer (15MVA)	Ino Substation	1	Set	2025/12	2027/05	Installed & adjusted
Distribution transformer (10MVA double-tank type)	Honai Substation	1	Set	2025/12	2027/05	Delivered & adjusted
Remote monitoring control device	Bancho Substation	2	Panel	2025/12	2028/06	Delivered & adjusted
Repair of unipolar DC reactor cooling fan motor	Anan AC/DC Converter Maintenance Office	1	Unit	2025/12	2027/01	Installed & adjusted
Switch boxes in stations	Kawauchi Substation	2	Box	2026/01	2027/12	Free on truck
Distribution transformer (66/6kV sound-proof room 15MVA)	Shinonome Substation	1	Set	2026/01	2027/11	Delivered & adjusted
High-voltage power receiving switch box	Kawauchi Substation	10	Box	2026/01	2027/12	Free on truck
Switch box (transformer secondary, 6kV 2000A, outdoor)	Tokiwa Substation	8	Box	2026/01	2027/09	Free on truck
Transformer for instrument for bus line (66kV 200VA)	Kitagawa Substation	6	Piece	2026/01	2027/04	Free on truck
Repair of gas-insulated switchgear pressure oil pump, etc.	Anan AC/DC Converter Maintenance Office	1	Unit	2026/01	2026/11	Delivered & adjusted
Repair of gas-insulated switchgear pressure oil pump, etc.	Anan AC/DC Converter Maintenance Office	1	Unit	2026/01	2026/11	Delivered & adjusted
Power capacitor relay panel	Naruto Substation	2	Panel	2026/01	2027/05	Delivered & unloaded
Switch box (6kV)	Muroto Substation	6	Box	2026/02	2027/10	Free on truck
Switch box (Transformer secondary 2kA BT1200A F600*4 PC)	Kokufu Substation	8	Box	2026/02	2027/10	Free on truck
Feeder, auxiliary switch box (equivalent to feeder) PC box (including PC reactor x 1, GTR x 1), outdoor distribution board box (equivalent to feeder)	Ichiu Substation	4	Box	2026/02	2027/11	Free on truck
Switch box (6kV)	Doigawa Switching Station	3	Box	2026/02	2027/10	Free on truck
Repair of electric motor-operated valve for water spray extinguishing system	Anan AC/DC Converter Maintenance Office	1	Unit	2026/03	2027/03	Delivered & adjusted