

NOZATO

The background is a deep blue gradient. It features several glowing white arcs that curve upwards from the bottom left towards the right. These arcs are composed of small dots, giving them a digital or particle-like appearance. There are also several bright, circular light sources scattered across the image, some of which are surrounded by faint, concentric circles, suggesting a lens flare or a signal source.

COMPANY INFORMATION

ELECTRICAL ENGINEERING & CONSTRUCTION

Message from the President

Thanks to the continued support and patronage of our customers, since our inception in 1947 we have been involved in a wide range of projects nationwide centering in the Kansai and Kanto regions, in which our work has been highly rated. Nozato is primarily involved in electrical equipment work. Unlike manufacturers of consumer products, major construction companies of buildings or other such corporations, our business consists of “behind the scenes” work that consumers cannot directly see but which supports Japan’s manufacturing industry and the daily life of people. Through such work, Nozato can proudly claim its contribution to the economic growth and business development of Japan.

Since starting off as a small electrical construction company, we have expanded our business spheres to range from the construction of electrical equipment for factories and structures and provision of hard and soft elements in control systems to parking and photovoltaic systems. Backed by the trust and confidence of our customers, we are currently building an integrated and total support structure that offers services from design and implementation to repairs and maintenance.

Within the progressive hollowing out of Japan’s manufacturing industry in recent years, we are seeing the diversification of needs for electricity and other energy sources such as energy conservation, power saving, renewable energy, and the development of an advanced information society. As we strive to meet these needs of society, Nozato remains committed to being a preferred company based on the trust and confidence we have established with customers, through our strengths of earnestness, integrity and courtesy.

To this end, we are pursuing the following three initiatives.

- 1 | Further development of the energy conservation business**
- 2 | Additionnal advancement overseas**
- 3 | Increased expansion of the parking business**

So as to accelerate the above initiatives, in addition to promoting the technical development and personal growth of each employee, we have embarked on activities to facilitate corporate growth by bolstering our organizational capabilities. Nozato will also strive to be a company that can serve all of our subcontractors, as we continue to value traditions while carving out a new chapter in our history.

Furthermore, as a corporation that prides itself on being a part of Japanese manufacturing that enriches people’s lives, we will unite and make concerted efforts as we keep moving forward with bold determination towards our 100 year anniversary.

I look forward to your continued guidance and encouragement.

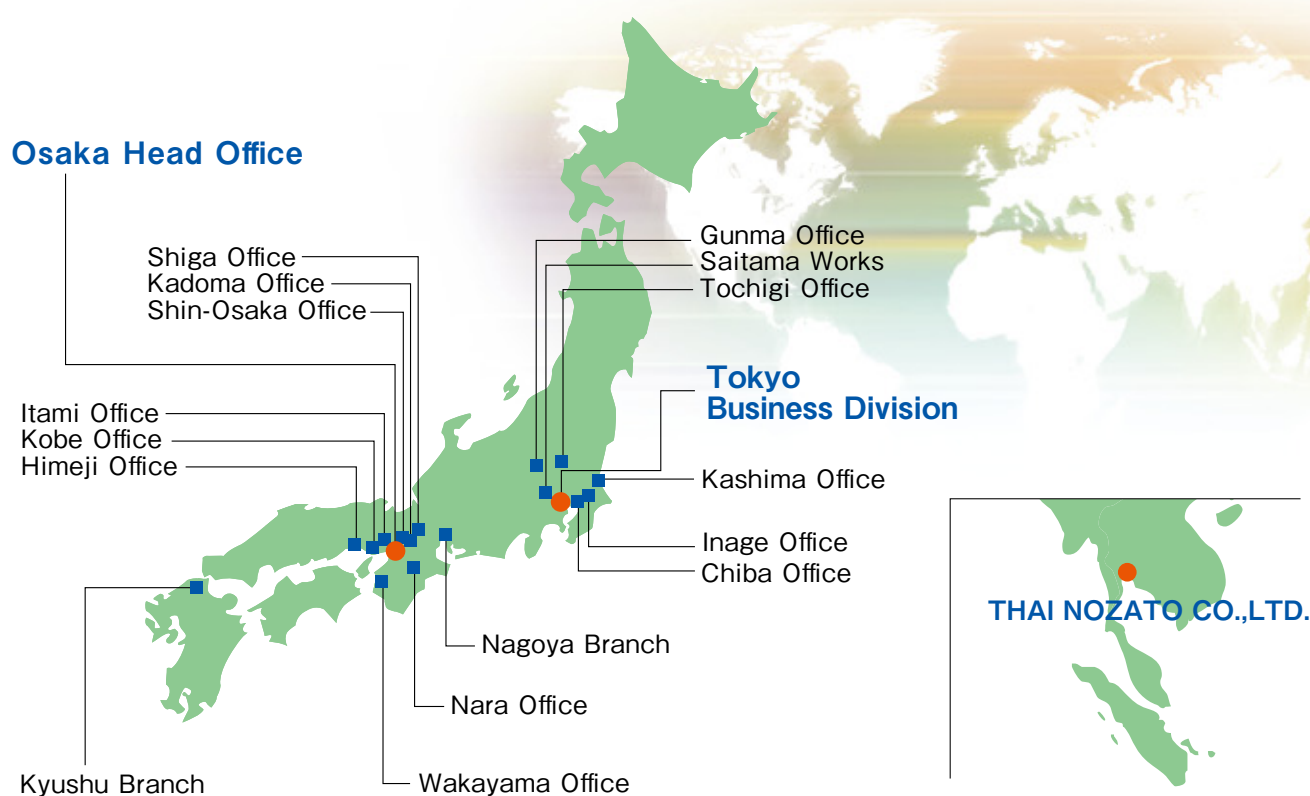


President Mitsuhiro Tsugeno

Company Information

Business name	NOZATO ELECTRICAL ENGINEERING & CONSTRUCTION CO.,LTD.
Founded	February 10, 1947
Capital	180 Million Yen
Representative	President Mitsuhiro Tsugeno
Construction	(Special-27) No.1088 by MLIT
Business License	(Ordinary-27) No.1088 by MLIT
ISO 9001 certified	JUSE-RA-2035 (Applicable standards ISO9001:2015)
Business Categories	General electrical facility design and construction Instrumentation facility design and construction Plant facility design and construction Electrical communication facility design and construction Parking management system design and construction Building design and construction Plumbing design and construction Control panel design and manufacturing Solar power system design and construction Biogas power generation systems design and construction
Number of Employees	290 employees (Engineering Staff:211 Sales & Administrative Staff:79)

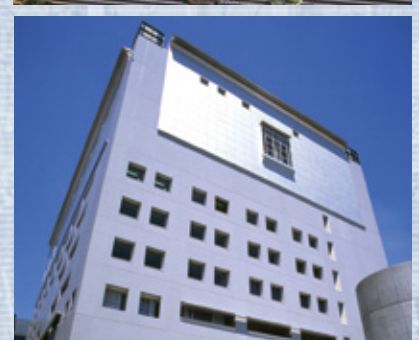
Business Sites



Business Outline

Architecture

Performance



Nozato offers an integrated structure of services from design and implementation to repairs and maintenance for electrical equipment work in government administration facilities such as government offices, educational and cultural facilities and research institutions, public facilities like airports and train stations, and also private facilities including apartments and office buildings. Although we refer to our business as electrical equipment work, this itself comprises many and varied activities. Our business spheres encompass systems for lighting control, ventilation and internal announcements to equipment used for ensuring the safety of people such as automatic fire alarms and lightning protection devices.

In addition to this, over the years we have also been establishing a track record in assessing the overall energy conservation of buildings and offering related consultations, as well as supplying and setting up energy-efficient equipment.

By leveraging the know how we have acquired over many years as professionals in electrical equipment work, we are also working on installing the latest electrical equipment in buildings constructed during Japan's period of rapid economic growth to help extend the life of these buildings and enhance their value.

Plants and Industrial Facilities

Performance



Nozato is involved in electrical equipment work, repairs and maintenance accompanying the set up, expansion, transfer and restructuring of automated production lines in numerous manufacturing plants such as steelworks, automobiles, heavy electrics, household electrics, food and beverages, recycling, chemicals, and spinning. Electrical equipment work in plants requires technical skills across the areas of transport, control, and manufacturing. Furthermore, as the mechanisms of production lines differ depending on the type and size of its products, almost all lines are order made.

We specialize in the advanced technical skills required for the design and implementation of production lines, while keeping in line with their diversifying needs in terms of production methods, wiring routes, control, and safety (protection and explosion prevention).

Nozato will also continue to meet the growing requests of customers for carrying out work at overseas plants.

Control systems

Performance



Control boards are devices for safely operating and supplying electricity to production equipment in plants.

Most plants in the manufacturing industry feature the latest equipment, almost all of which are electrically controlled. Control boards are required for a range of processes, from supplying the power to pass products through the production line to using sensors for detecting and managing the position of products, and also controlling the flow of raw materials. Similar to electrical equipment work, Nozato provides control boards to numerous industries including steelworks, automobiles, heavy electrics, household electrics, food and beverages, recycling, chemicals, and spinning.

We also develop our own programs for the control boards, and offer a total system covering manufacturing, installation, modifications, and repairs and maintenance. As control boards are ordered at the same time as electrical equipment work, there is no need to separately order a control system, which also helps customers to curb costs and reduce their management load.

As Japan's manufacturing industry continues its outflux overseas, Nozato will focus on providing control systems abroad as well.



Parking systems

Performance



Nozato provides services for vehicle and bicycle parking areas, including planning and proposals, installation, administration, and repairs and maintenance. We propose an optimal combination of equipment for customers, according to their planned sites and lots for parking.

Administration comprises a diverse range of work such as troubleshooting and dealing with equipment malfunctions, handling complaints, and collecting money. For these tasks, we select the best possible equipment and mechanisms to match the scale and state of parking, and develop a system to ensure the continual maximization of profits. Also, as we install the system ourselves, customers are able to lower the total cost by eliminating indirect expenses and other wasteful spending.

We will utilize our accumulated know how in administration, and from hereon focus on receiving commissions for this work in existing parking areas. At the same time, we will also pursue further optimization of our operations and acquire knowledge in both areas of implementation and operations, so that we can offer proposals to our customers that will help to maximize their profits.



Photovoltaic systems

Performance



Although renewable energy is receiving an exceptional amount of attention these days, Nozato has been focusing and working on photovoltaic systems for over a decade. Our initial focus was on photovoltaic systems for homes, but now our strength is in offering integrated total support for the planning, design, installation, and repairs and maintenance of mega solar plants designed for selling electric power.

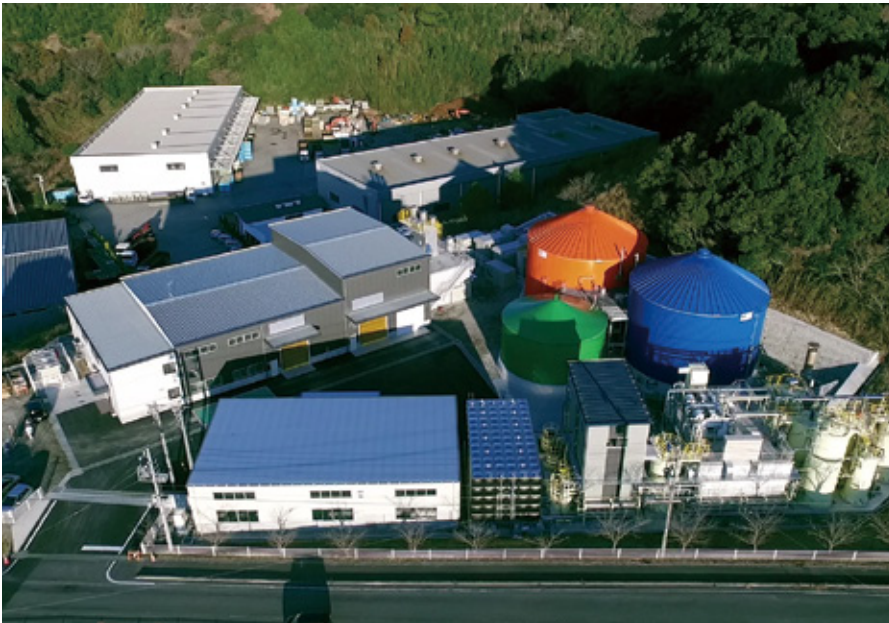
Upon the enactment of the Act on Special Measures Concerning the Procurement of Renewable Electrical Energy by Operators of Electric Utilities, we had already acquired a sufficient amount of diverse know how in our photovoltaic systems regarding the design and implementation technology for maximizing sunlight, and the capacity for dealing with typhoons and other natural disasters.

This has enabled us to carry out a large volume of mega solar high-voltage electrical work directly following the enactment of the Act, while also building a one-stop system capable of handling everything from planning and proposal to implementation and maintenance. Through this we were able to expand our share of the market by leveraging the merits of our system in minimizing the load on customers, such as proposing implementation styles that curb initial investment costs and taking into account repairs and maintenance, and also offering support in processing various applications to government authorities. We will continue to work on developing technology to keep initial investment costs under control, and improving technology for the repairs and maintenance of existing photovoltaic systems.

Nozato is committed to taking on the challenge of developing technology for photovoltaic and also other renewable energy systems.

Biogas Power Generation Systems

Performance



Our Construction Record

Makinohara Biogas Power Plant (Shizuoka Prefecture)

Plant Processing Capacity

Industrial Waste Product (Food Residue) Processing Capacity: 80t/Day

Plant Power Output

650kW (Annual: 3.4M kWh – Enough to Power 600 Average Homes Year-Round)

Contributing Extensively to the Development of Local Communities through Renewable Energy
Nozato Electrical Engineering & Construction is engaged in the cutting-edge field of "Biogas Power Generation Systems," a new type of renewable energy system that looks ahead to the future of our Earth.

Biogas is a type of natural gas that is produced through methane fermentation of organic (biomass) raw materials, including household garbage, livestock waste, food processing residue and various types of sewage and sludge.

As an all-natural energy source, biofuel is an environmentally friendly alternative that may one day replace fossil fuels.

A Biogas Power Generation System is a system that uses the heat produced by burning biogas to boil water, producing steam that turns the rotors of a turbine to generate electric power. At the same time, the byproducts of the biogas production process (digesters and digested biofuel) can also be put to use in a wide range of secondary applications, including as clean and safe fertilizer that is free of weed seeds or pathogens.

Topics: The Major Benefits of Biogas Power Generation Systems

1. Resource Savings & Reduced Environmental Impact
2. Environmental Protection toward the Creation of a More Recycling-Oriented Society
3. Reduced Waste Treatment Costs
4. Earnings from the Sale of Fertilizer & Electricity
5. Local Community Revitalization through Biomass Business Activities
6. Positive Economic Ripple Effects for Local Communities

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