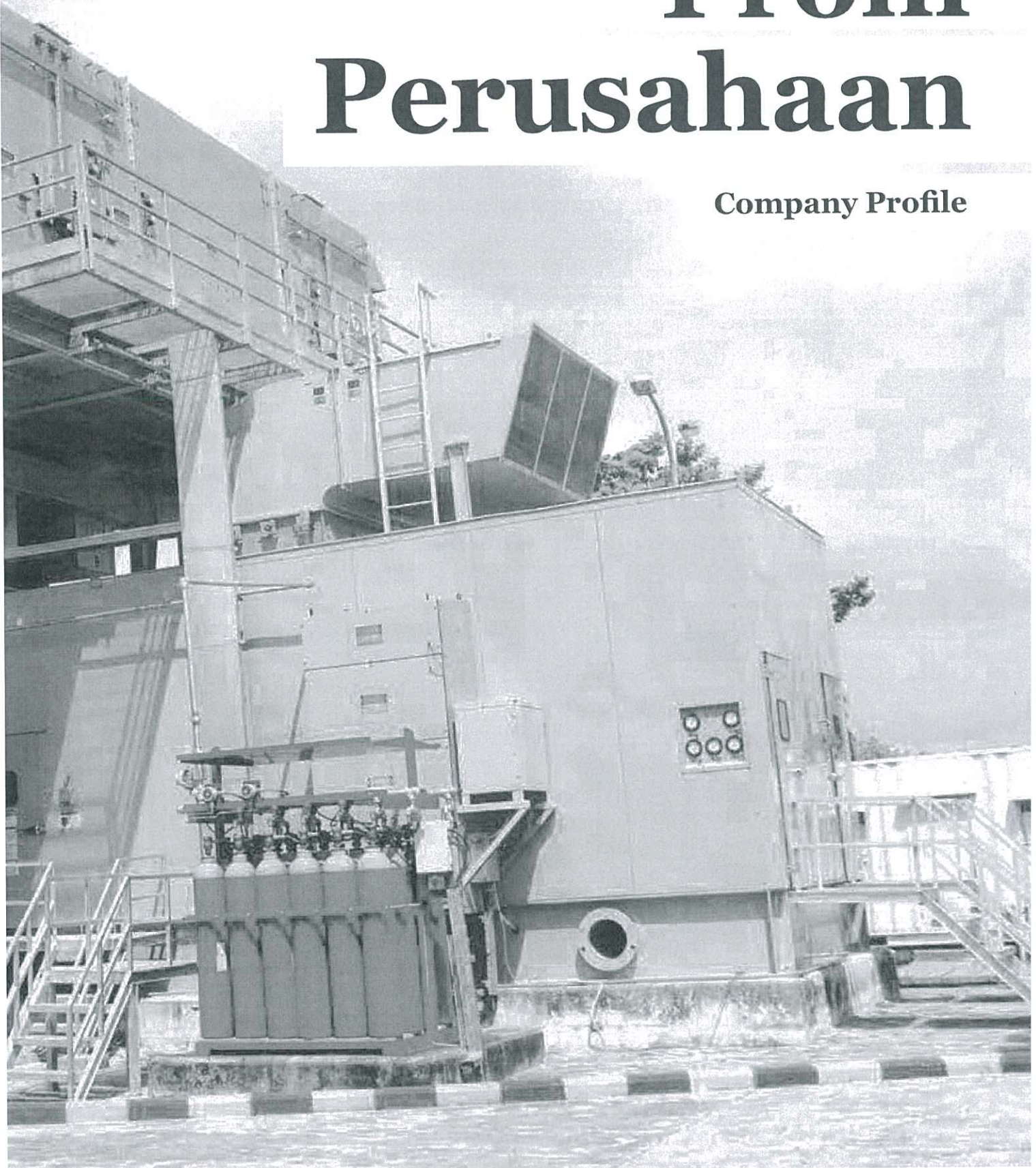


Profil Perusahaan

Company Profile





Sekilas Sewatama



SEWATAMA AT A GLANCE

State-of-the-art power solutions throughout the country

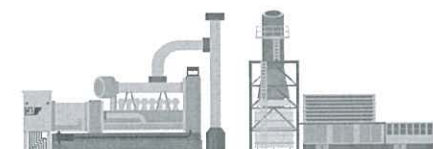
THE NEWEST POWER SOLUTIONS THROUGHOUT THE COUNTRY

Sewatama menghadirkan solusi kelistrikan total ke seluruh pelosok Nusantara. Terdiri atas 4 lini usaha: *Temporary Power (TP)*, *Energy Efficiency (EF)*, *Operation and Maintenance (O & M)*, dan *Independent Power Producer (IPP)*. Sewatama merupakan badan usaha energi yang menghadirkan layanan secara terintegrasi, dengan memanfaatkan jaringan serta keahlian energi terpadu dan alat berat yang dimiliki Grup PT ABM Investama Tbk (ABM Group) dan TMT Group.

Sewatama didukung pula oleh dua entitas anak-anak perusahaannya, yakni PT Nagata Bisma Shakti (NBS) dan PT Pradipa Aryasatya (PAS) yang bergerak dalam pengembangan solusi tenaga listrik termal dan energi terbarukan, serta dua cucu perusahaannya, yakni PT Nagata Bio Energi dan PT Nagata Biogas Dwienergi.

Sewatama presents total electrical solutions throughout the archipelago, namely consisting of four business lines: Temporary Power (TP), Energy Efficiency (EF), Operation and Maintenance (O & M), and Independent Power Producer (IPP). Sewatama is a business entity of energy that provides services in an integrated manner, utilizing the network as well as an integrated energy expertise and heavy equipment owned by PT ABM Investama Tbk (ABM Group) and TMT Group.

Sewatama is also supported by its subsidiaries entities, namely PT Nagata Bisma Shakti (NBS) and PT Pradipa Aryasatya (PAS) which are engaged in the development of geothermal energy and renewable energy, as well as PT Nagata Bio Energy and PT Nagata Biogas Dwienergi.



110MW
PLTGU COMBINED CYCLE



4 LINI USAHA
4 BUSINESS UNITS

900
GENSET

15MW
GAS PLTU

4
RENEWABLE



14

ANAK PERUSAHAAN
SUBSIDIARY COMPANY

TOTAL KAPASITAS
TOTAL CAPACITY

1.100 MW



TERCATAT DI
BURSA EFEK INDONESIA
LISTED AT BURSA EFEK INDONESIA

BERDIRI SEJAK
ESTABLISHED SINCE

1992



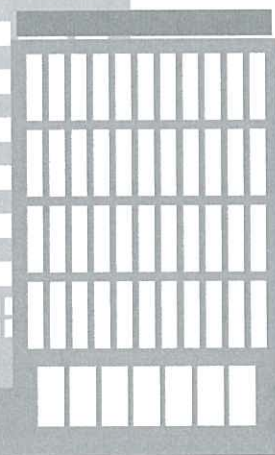
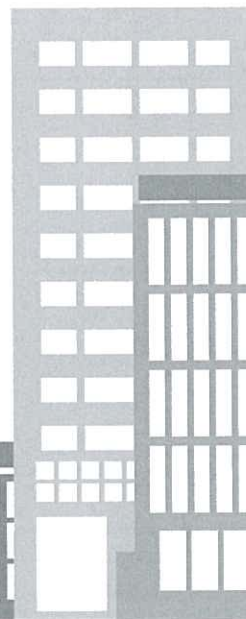
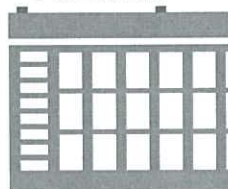
1.765

KARYAWAN
EMPLOYEE



JANGKAUAN

DARI ACEH SAMPAI PAPUA; TIMUR
TENGAH DAN AFRIKA
COVERAGE FROM ACEH TO PAPUA;
MIDDLE EAST TO AFRICA



8 KANTOR - 6 DEPOT

8 OFFICE AND 6 DEPO

TERSEBAR DI
80 LOKASI



Bidang Usaha Inti

CORE BUSINESS UNITS

TEMPORARY POWER

Solusi Kelistrikan yang Cepat dan Handal

FAST AND RELIABLE POWER SOLUTIONS

Unit bisnis *Temporary Power* (TP) Sewatama menghadirkan layanan cepat dan handal yang didukung dengan mesin-mesin terdepan serta peralatan pembangkit listrik yang dapat dirancang secara spesifik tergantung kebutuhan pelanggan. Kualitas layanannya telah membuat Sewatama dipercaya untuk menggarap proyek-proyek di sejumlah negara seperti Thailand dan Saudi Arabia. Walau sifatnya "sementara", dari sejak Sewatama berdiri hingga kini TP selalu menjadi layanan yang paling sering dibutuhkan di tanah air dan masih merupakan penyumbang pendapatan utama bagi Sewatama.

Sewatama's Temporary Power (TP) business unit provides fast and reliable services supported by the best machineries and power generation equipment that can be specifically designed depending on customer needs. Sewatama is entrusted to work on projects in a number of countries such as Thailand and Saudi Arabia due to its services quality. Even though its "provisional", from the establishment of Sewatama until, TP becomes the service most commonly needed in the country and remains as Sewatama's major revenue contributor.

Kami memasok listrik dalam waktu cepat, tepat, efisien dan ramah lingkungan. Ini yang menjadikan kami penyedia solusi ketenagalistrikan nasional terpercaya.

Layanan yang cepat, handal dengan teknologi engineering yang dirancang sesuai kebutuhan:

- **Urgent Solution**

Solusi tanggap darurat yang membutuhkan respon cepat melalui pemasangan produk yang relevan, inovatif serta mudah dipasang dan dipindahkan.

- **Temporary Power Solution**

Solusi kelistrikan sementara dalam bentuk genset dan peralatan pendukung lain yang sesuai dengan kebutuhan spesifik sebuah proyek, dan berdasarkan survey lapangan serta instalasi penyambungan lokal.

- **Planned Power Solutions**

Solusi kelistrikan terencana melalui peralatan dan layanan unggulan agar pelanggan memperoleh kepastian akan efektifitas, produktifitas serta operasional yang dapat diandalkan.

What makes us reliable as a national electricity solutions provider is our fast, precise, efficient, and environmentally friendly way in providing electricity

Fast and reliable, using engineering technology tailored to the needs of:

- **Urgent Solution**

Providing emergency response through the appropriate use of state-of-the-art, mobile, and easy-to-install equipment.

- **Temporary Power Solution**

Providing customized power generating and supporting equipments that are project-specific, determined from on-site research.

- **Planned Power Solutions**

Providing superior power equipment and services to ensure that business operations are reliable, efficient, and productive.



Pemimpin pasar di Indonesia (40%).

Market leader in Indonesia (40%).



Melayani sejumlah sektor komersial di perkotaan maupun daerah yang sulit dijangkau.

Serves a number of commercial sectors in urban and remote areas.



Merambah pasar internasional.

Ready to penetrate the international market.

TINJAUAN USAHA
Business Review

Walau kinerja mengalami tekanan, kualitas layanan tetap dipertahankan.



With performance heavily pressured, service quality was maintained.

▶ Lebih lengkap di halaman More detail page 101

SPESIFIKASI LAYANAN

- Rental harian/mingguan/bulanan.
- Base/peak load.
- Standby.
- Overhaul.
- Rental transfer (BOT).
- Off-shore/on-shore.
- Paket industri.
- Optimisasi kelistrikan.
- Genset diesel dan gas.
- Genset open dan dalam kontainer.

SERVICE SPECIFICATIONS

- Daily/weekly/monthly rental.
- Base/peak load.
- Standby.
- Overhaul.
- Rental transfer (BOT).
- Off-shore/on-shore.
- Industrial package.
- Power optimization.
- Diesel and gas generator sets.
- Open and containerized generator sets.

SOLUSI TEMPORARY POWER BAGI PARA PELANGGAN

- Perusahaan listrik milik Negara.
- Minyak, gas dan pertambangan.
- Perindustrian.
- Bangunan komersil termasuk perkantoran, pusat perbelanjaan (mall) dan hotel.
- Tempat wisata.
- Rumah sakit.
- Pembangkit listrik, dll.

TEMPORARY POWER SOLUTIONS FOR CUSTOMERS

- Utility companies.
- Oil, gas and mining.
- Industrial and manufacturing.
- Commercial buildings including offices, malls and hotels.
- Travel and tourism.
- Hospitals.
- Power plants, etc.

ATTACHEMENT TAMBAHAN

- Control panel (LV).
- Transformer.
- Switch gear (Mw).
- Power cable (LV dan MV).
- Fuel tank (standard/flame arrester).
- Trailer.
- Spark arrester muffler.

OPTIONAL ATTACHMENTS

- Control panel (LV).
- Transformer.
- Switch gear (MW).
- Power cable (LV and MV).
- Fuel tank (standard/flame arrester).
- Trailer.
- Spark arrester muffler.

KEUNGGULAN KAMI
Cepat dan Handal

- Pengiriman cepat dan akurat.
- Terbukti menghadirkan 50MW dalam 1 bulan.

Jangkauan Luas

- Menjangkau lokasi terpencil.
- Medan yang sulit dijangkau.
- Lepas pantai/daratan

Solusi yang Spesifik

- Desain dan teknologi engineering yang handal.
- Area berbahaya.
- Class 1 Div 2.
- Sistem engineering terpadu.

OUR BENEFIT
Fast and Reliable

- Fast, accurate delivery.
- Proven success for delivery 50 MW in 1 month.

Full Coverage

- Remote locations.
- Difficult terrains.
- Off-shore/on shore.

Customized Engineering

- Proven engineering design and technology.
- Hazardous area.
- Class 1 Div 2.
- Integrated engineering system.

SPESIFIKASI PRODUK

- Jangkauan: 200KW hingga ribuanMW.
- Frekuensi: 50-60 kHz.
- Voltase: 400V, 480V, 6,6KV, 11KV, 20KV, dst.
- Bahan bakar: diesel, gas.

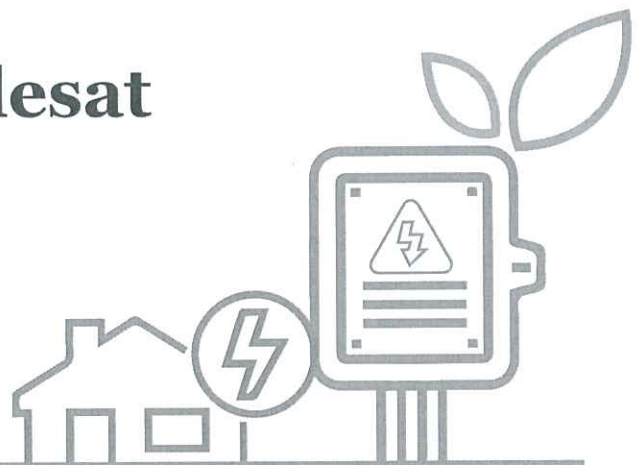
PRODUCT SPECIFICATIONS

- Range: 200KW to thousand MWs.
- Frequency: 50-60kHz.
- Voltage: 400V, 480V, 6.6KV, 11KV, 20KV, etc.
- Fuel: Diesel, Gas.

ENERGY EFFICIENCY SERVICES

Hemat Saat Harga Listrik Melesat

SAVE MORE WHEN THE PRICE OF
ELECTRICITY RISES SHARPLY



Produk dan layanan yang kami tawarkan menerapkan solusi esco terpadu yang mencakup:
Our Products and services include a full and integrated ESCO solutions:



RETROFIT

Skema BOT dan transfer sewa bagi berbagai peralatan penghemat energi.
BOT and rental to transfer schemes for various energy efficient equipment.



ORGANIC RANKINE CYCLE (ORC)

Dengan teknologi organic *working fluid* untuk menghasilkan listrik dari limbah/kelebihan panas (pemanfaatan panas buang dengan ORC).

A Technology that utilizes organic working fluid to generate electrical power from waste/excess heat.



POWER AUDIT

Jaminan penghematan energi hingga 20%

With guaranteed 20% savings on energy bills.



SISTEM PEMANFAATAN ENERGI DENGAN TURBO EXPANDER

Sistem penghematan biaya energi dengan mengurangi konsumsi listrik melalui pemisahan/ekstraksi energi dari mesin pembuangan.

A system that facilitates energy cost-saving by reducing fuel consumption by extracting power from the engine exhaust energy.



UJI LOAD BANK

Sewa /Uji Load Bank (Dummy Load), untuk:

- Tes pabrik untuk genset.
- Pengurangan problem wet stacking.
- Pengecekan periodik generator set yang stand by.
- Pengecekan sistem UPS.
- Pengecekan sistem baterai.
- Optimisasi daya.
- Pengecekan pada turbin pabrik

Rental / Load Test Bank (Dummy Load), for:

- Factory testing of generator sets.
- Wet stacking problem reduction.
- Periodic exercising of standby generator sets.
- UPS system testing.
- Battery system testing.
- Load optimization.
- Factory testing of turbines.

KEUNGGULAN KAMI

Solusi Financial

- Investasi proyek.
- Solusi keuangan.
- Tanpa CAPEX.
- Rental to transfer.

Audit Energi

- Kinerja peralatan.
- Kalkulasi daya.
- Kualitas kelistrikan.

Program Jaminan Penghematan Energi

- Operasional yang terkelola.
- Pemeliharaan yang terkontrol.

Eksekusi Proyek

- Manajemen proyek.
- Konstruksi.

SOLUSI EFISIENSI ENERGI BAGI PELANGGAN

- **Platform dan kilang minyak dan gas bumi**
Load bank shedding dan power balancing untuk jangka waktu menengah dan panjang.
- **Fasilitas dan komplek industri**
Penyewaan load bank untuk pengecekan generator listrik dan commissioning.
- **Hotel dan bangunan komersil**
Central chiller yang efisien (teknologi Turbocore).
- **Vila dan resort (penginapan) di daerah terpencil**
Listrik dan penghematan biaya untuk pemanas air dan lampu.
- **Rumah sakit dan binatu berskala besar**
Peningkatan kualitas listrik dan optimisasi sistem uap.
- **Fasilitas industri tekstil**
Waste heat recovery dan optimisasi sistem uap.
- **Pembangkit listrik**
Generator dan optimisasi transformator.

OUR BENEFIT

Power Financial Solutions

- Project investment.
- Financial solution.
- No CAPEX.
- Rental to transfer.

Power Audit

- Equipment performance.
- Load profile/load calculation.
- Power quality.

Efficiency Guaranteed Program

- Managed operation.
- Controlled maintenance.

Project Execution

- Project management.
- Construction.

OUR SOLUTIONS FOR CUSTOMERS

- **Oil & Gas platforms and rigs**
Medium and long term load shedding and power balancing.
- **Industrial facilities and complexes**
Load bank rental for power generator testing and commissioning.
- **Commercial buildings and hotels**
Highly efficient central chiller (Turbocore technology).
- **Villas and resorts in remote areas**
Electricity and energy savings on water heaters and lightings.
- **Hospital and large laundromats**
Efficient boilers and heat pump technologies.
- **Steel and ceramic industries**
Waste heat recovery.
- **Power plants**
Generator and transformer optimization.



RENCANA STRATEGIS & PROSPEK USAHA 2016
Strategic Plan & Business Prospect 2016

ANDALKAN LAYANAN YANG CEPAT, TEPAT,
EFISIEN, DAN RAMAH LINGKUNGAN,
SEWATAMA MAMPU CIPTAKAN KEUNGGULAN.

Relying on fast, precise, efficient and environmentally friendly services,
Sewatama is able to achieve excellence.

Lebih lengkap di halaman More detail page 124

OPERATION AND MAINTENANCE (O & M)

Garansi Performa dengan Efisiensi Hingga 10%

PERFORMANCE GUARANTEE WITH UP TO 10% EFFICIENCY



Unit bisnis *Operations and Maintenance* (O & M) Sewatama menghadirkan layanan pengoperasian dan pemeliharaan yang memiliki standar berkualitas tinggi secara menyeluruh, yang menjamin kehandalan dan efektifitas aset kelistrikan pelanggannya. Didukung oleh tenaga ahli berpengalaman dan bersertifikat internasional, Sewatama melayani hampir semua jenis pembangkit dengan pendekatan pada peningkatan produktifitas serta efektifitas biaya aset kelistrikan tanpa mengenyampingkan aspek-aspek Kesehatan dan Keselamatan Kerja (K3). Sewatama juga memberikan analisis dan rekomendasi terhadap perbaikan design hingga pembiayaan dan investasi, bagi industri kelistrikan, mining, oil & gas, manufaktur dan ritel.

Sewatama's Operations & Maintenance (O & M) Business Unit presents the operation and maintenance services with high quality standards, which guarantees the reliability and effectiveness of the customers' electricity. Supported by experienced experts who are internationally certified, Sewatama serves almost any type of plant with the approach on increasing productivity and the effectiveness of the cost of electricity assets without overriding the aspect of Work Health and Safety (K3). Sewatama also provides analysis and recommendations on the improvement of design as well as financing and investment, for the electricity, mining, oil & gas, manufacturing and retail industries.



SOLUSI TOTAL

konsultatif hingga operasional
TOTAL SOLUTION
consultative to operational



MELAYANI BERBAGAI JENIS PEMBANGKIT

SERVING VARIOUS TYPES OF
POWER PLANT

GARANSI KINERJA DARI PEMBANGKIT KE PENGGUNA END TO END PERFORMANCE GUARANTEE



MEMELIHARA SELURUH
SISTEM KELISTRIKAN
CADANGAN.

Maintain overall back
up power system.

- GENSET
- CONTROL PANEL
- SUB-STATION



BERKEMAMPUAN TINGGI
UNTUK MEMELIHARA
SELURUH MEREK.

Strong capability to
maintain all brand.

- GENSET
- CONTROL PANEL



TEKNISI BERSERTIFIKASI.
Certified technicians.

- ISO 9001
- OSHAS 14001



PELATIHAN
PEMELIHARAAN
(BAGI PELANGGAN)

Maintenance
training for
customers.

INDEPENDENT POWER PRODUCER

**Sejak 2009 mengantongi izin wilayah
usaha untuk memasok listrik di FTZ
kepulauan Karimun utama**

SINCE 2009 HAS OWNED THE PERMIT TO SUPPLY ELECTRICITY
IN KARIMUN ISLAND FREE TRADE ZONE



TEROBOSAN RISET DAN PENGEMBANGAN
SOLUSI BERBAGAI ENERGI THERMAL DAN
BARU TERBARUKAN

- THERMAL: BATUBARA, GAS.
- BARU TERBARUKAN: HIDRO, BIOMAS/
BIOGAS, ANGIN, MATAHARI DAN LAINNYA.

THERMAL AND RENEWABLE ENERGY RESEARCH
AND DEVELOPMENT

- THERMAL: COAL, GAS.
- RENEWABLE: HYDRO, BIOMASS/BIOGAS, WIND,
SOLAR-PV AND OTHERS.



PORTFOLIO INVESTASI KELISTRIKAN
MENCAKUP BERBAGAI OPSI

- BANGUN, MILIK, GUNA, SERAH.
- BANGUN, SEWA, SERAH
(SEWA YANG UMUM).

POWER PORTFOLIO INVESTMENT
OF MANY OPTIONS

- BUILD, OWN, OPERATE, TRANSFER.
- BUILD, LEASE, TRANSFER
(COMMON LEASE).



LAYANAN TELPON DAN
BANTUAN TEKNIS 24 JAM
24 hours call & technical assistance.

KENDARAAN SERVIS DENGAN SUKU
CADANG SIAP PASANG
Service car with ready-to-install
spare parts.

Kehadiran IPP Sewatama berawal dengan berdirinya 2 (anak) perusahaan pada tahun 2011 yakni PT Pradipa Aryasatya dan PT Nagata Bisma Shakti yang masing-masing fokus pada pengembangan pembangkit listrik dari sumber-sumber energi termal dan Energi Baru Terbarukan (EBT). Berdasarkan platform ini selanjutnya Sewatama mendirikan anak perusahaan seperti yang terkini Dwi Energy atau mengakuisisi sejumlah badan usaha berbasis energi. Sesuai dengan visi penyedia solusi kelistrikan yang terintegrasi, melalui IPP Sewatama selalu berupaya memberikan solusi kelistrikan jangka panjang yang relevan, terpercaya dan berkualitas.

In 2011, the presence of IPP Sewatama began with the establishment of 2 (two) subsidiaries, namely PT Pradipa Aryasatya and PT Nagata Bisma Shakti which each focuses on the development of power plant from thermal energy sources and Renewable Energy (EBT). Based on this platform Sewatama established a subsidiary such as Dwi Energy or acquired a number of energy-based enterprises. In accordance with the vision to be an integrated electrical solution provider, through IPP Sewatama strives to provide long-term electrical solutions that are relevant, reliable and have high quality.

IPP GROWTH PLATFORM

meppo-gen

PRADIPA ARYASATYA
thermal Power Solutions Provider

PT PRADIPA ACEH DAYA

Pradipa Aceh Daya

Karimun Power Plant

EAS

NAGATA BISMA SHAKTI
renewable Power Solutions Provider

Nagata Bio Energi

Nagata Biogas
DWIENERGI

Nagata Dinamika
Hydro energy

NDhidro
PONGKO

NDhidro
PUNGAWA

NDhidro
BUAKAYU

NDhidro
BUAKAYU ULU

NDhidro
MA'DONG

