

EXPERTISE. EXPERIENCE. EXCELLENCE.



DYOTA ENGINEERED SOLUTIONS

ENGINEERING EXCELLENCE.
POWERING PERFORMANCE.



DELIVERING RELIABLE, EFFICIENT & SUSTAINABLE SOLUTIONS
FOR A BETTER TOMORROW



ELECTRICAL SYSTEM STUDIES

- Electrical Network Designing
- Load Flow Study
- Short Circuit Calculation
- Harmonic Study



HVAC SYSTEMS & DELTA T CONTROL

- High Efficiency Chiller Systems
- Delta T Control Solutions
- Optimal Comfort & Energy Savings



POWER QUALITY & ENERGY SOLUTIONS

- Capacitor Banks
- Active Harmonic Filters
- Passive Filters
- Capacitor Cans

RELIABLE SOLUTIONS

ENGINEERED FOR EFFICIENCY

SUSTAINABLE FUTURE

PRECISE ANALYSIS

OPTIMIZED PERFORMANCE

20+ YEARS OF TRUST.
COUNTLESS SUCCESS STORIES.

PARTNERING IN PROGRESS.
COMMITTED TO EXCELLENCE.

www.despl.com



SMART DESIGN. RELIABLE POWER.

Expert Electrical Engineering Studies
for Safe, Efficient & Future-Ready Networks



ENGINEERING EXCELLENCE
POWERING PERFORMANCE

OUR ENGINEERING SERVICES



ELECTRICAL NETWORK DESIGNING

Reliable, efficient & scalable electrical network design tailored to your needs.

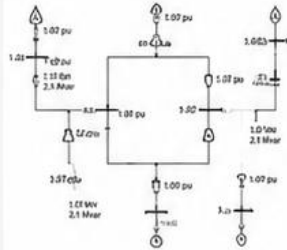


- Conceptual & Detailed Design
- Single Line Diagrams
- Equipment Sizing
- Protection Coordination
- Compliance with Standards



LOAD FLOW STUDY

Optimize performance and ensure system reliability with accurate load flow analysis.

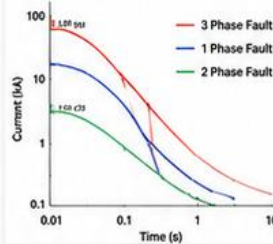


- Voltage Profile Analysis
- Power Flow Analysis
- Loss Evaluation
- Transformer Loading
- System Optimization



SHORT CIRCUIT CALCULATION

Ensure safety and reliability with precise short circuit analysis and fault levels.

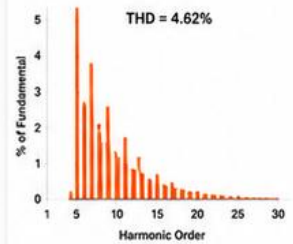


- 3 ϕ , 2 ϕ & 1 ϕ Fault Analysis
- Fault Level Calculation
- Breaker Rating Check
- Arc Flash Assessment
- Compliance with IEC/IEEE



HARMONIC STUDY

Improve power quality and protect equipment with detailed harmonic analysis.



- Harmonic Spectrum Analysis
- THD Calculation
- Source Identification
- Filter Sizing & Selection
- IEEE 519 Compliance

OUR ENGINEERING APPROACH



REQUIREMENT ANALYSIS



MODELING & DATA COLLECTION



ANALYSIS & CALCULATION



RESULTS & REPORTING



RELIABLE SOLUTIONS

BENEFITS TO YOU



ENHANCED SYSTEM RELIABILITY



OPTIMIZED PERFORMANCE & EFFICIENCY



REDUCED LOSSES & COSTS



SAFETY & RISK REDUCTION



COMPLIANCE WITH GLOBAL STANDARDS



DYOTA ENGINEERED SOLUTIONS

Reliable Products.
Superior Quality.
Powering Performance.

MANUFACTURER OF ADVANCED POWER QUALITY SOLUTIONS

High quality products engineered to improve efficiency, reliability and power performance.



CAPACITOR BANKS

Automatic & Fixed Capacitor Banks for Power Factor Improvement



ACTIVE HARMONIC FILTERS

Real-time harmonic mitigation for clean, efficient and stable power



PASSIVE FILTERS

Detuned & High Pass Filters for effective harmonic reduction



CAPACITOR CANS

High quality, heavy duty Capacitor Cans for long lasting performance



PREMIUM QUALITY



ADVANCED TECHNOLOGY



BETTER PERFORMANCE



RELIABLE & DURABLE



CUSTOMER SUPPORT

ENGINEERED for Excellence. | BUILT for Reliability.



DYOTA ENGINEERED SOLUTIONS

HVAC SYSTEM & DELTA T CONTROL

INTELLIGENT SOLUTIONS FOR COMFORT & ENERGY EFFICIENCY



EFFICIENT COOLING



PRECISE CONTROL



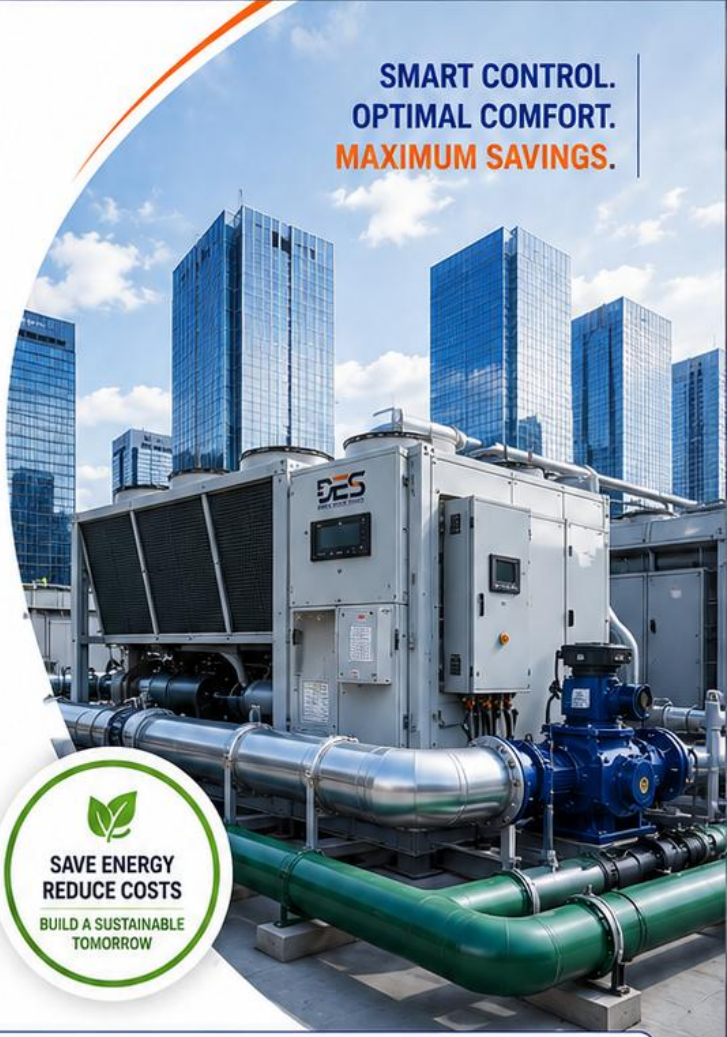
ENERGY SAVING



RELIABLE PERFORMANCE



SMART CONTROL.
OPTIMAL COMFORT.
MAXIMUM SAVINGS.



OUR HVAC SOLUTIONS



WATER COOLED CHILLERS



AIR COOLED CHILLERS



PRIMARY PUMPING SYSTEM

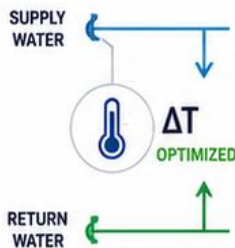


DELTA T CONTROL SYSTEM

DELTA T CONTROL

Delta T control optimizes the temperature difference between supply and return water, ensuring:

- ✓ Lower energy consumption
- ✓ Reduced pump power
- ✓ Improved system efficiency
- ✓ Extended equipment life



WHY IT MATTERS

- ENERGY SAVING**
Reduce energy bills with intelligent control and optimized performance.
- OPTIMAL COMFORT**
Maintain consistent comfort with precise temperature control.
- SUSTAINABLE SOLUTION**
Lower carbon footprint through efficient HVAC operations.
- SMART MONITORING**
Real-time data and analytics for better decision making.

INTELLIGENT HVAC.
GREATER EFFICIENCY. LOWER COSTS. A BETTER FUTURE.



SAVE TODAY
SUSTAIN TOMORROW



SMART CONTROL



ENERGY EFFICIENCY



RELIABLE SYSTEMS



EXPERT SUPPORT



DYOTA ENGINEERED SOLUTIONS

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Know Us Better



ENQUIRY



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