

In an integrated global market, how can business be managed competitively and sustainably? How can energy costs be optimized to maximize profits, and at the same time minimize the impact of business operations on the environment?

Energy is the backbone of modern technology and our Advance society, Unfortunately creation of Energy has become resource intense process and in most cases extremely polluting. Most of widely used Energy production process have negative environmental impact at many levels if not at all the level of production process. We intend to change that and lay down path for bonafide solutions that have minimal to no Negative Environmental Impact.

We Provide Economical Bouquet of Products and services that reduces Cost of erection of New facilities and Also reduces the cost of Operation of existing and New Facilities. They provide the competitive edge to your enterprise to make its mark with superior offerings and community goodwill. Ensuring services they provide remain affordable to the masses

Our energy efficient and eco-friendly technologies offer reliable business-to-business partnerships to respond to this critical challenge. Our solution perspective not only cover design and Construction but also take Operation and Maintenance into consideration as well. For Better integration of Technologies as well smooth Operations.

Renewable energy is not only good for the environment but its also promotes better economics and improved profit for the owner.



Energy Consultation



Energy Solutions



Engineering Services



**ECONOMICAL** 





**INNOVATION** 



HIGH QUALITY



















6 YRS SERVICE COMMITMENT

INTEGERATION



#### ORDER PLACEMENT

- Expectation Listing
- Term Documentation
- Advance Receiving

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#### PROCESS LIASONING

- Documentation Preparation
- Necessary Clearances
- Licenses for Work
- Certification Benchmarking
- Appointing Project Concierge

#### PROJECT FINANCING

- Documentation Preparation
- Finance Planning
- Payout Planning
- Payback Planning

#### **GUIDING POLICIES:**

- EHS Policy
- Quality Policy
- Supervision Policy
- Contingency Planning



# ANALYSIS & CONSULTATION

- Risk Analysis
- Environment Impact Analysis
- Occupancy Analysis

# GREEN BUILDING SOLUTIONS

- Parameter Benchmarking
- Façade Engineering
- Envelope Engineering

# ARCHITECHTURAL DESIGN & PLANNING

# TEAM RECRUTIMENT

- Architect Appointment
- Project Manager Appointment
- Project Engineers Appointment

# DESIGN PREPARATION

- Design Conceptualization
- Design Discussion with customer
- Planning and Drawing Preparation

# DESIGN INCLUSION

- Analysis Data Parameters
- Green Building Standard Inclusion
- Engineering Alteration Inclusion

#### INTERIOR DESIGN SERVICE

- Occupancy Planning
- System Integration Planning
- Furniture Planning

# SIMULATION SERVICES

- Environment Threat Analysis
- Structural Stability analysis
- Occupancy Simulation
- Safety & Security Simulation
- Energy Saving Simulation
- IEQ Simulation

#### ARCHITECHTURAL ENGINEERING

# STRUCTURE ENGINEERING

- Proposed Structure Engineering
- Environment Analysis & Planning
- Civil & Structure Drawing Preparation

# PROJECT MEP ENGINEERING

- Occupancy & Comfort Analysis
- MEP Engineering & Designing
- Automation & BMS Planning
- Building Information modeling

# SAFETY & SECURITY

- Threat Analysis
- Fire Fighting Design & Planning
- Occupant Safety Planning
- Building Safety Designing

**TO CONSTRUCTION** 

# CONSTRUCTION **PLAN ANALYSIS**

- Plan Detailing & Analysis
- Construction Process Selection
- Value Engineering Planning
- Inclusion Strategy Planning

#### **PROCUREMENT & SPECS PLANNING**

- Specification Analysis
- Procurement Planning
- Bidding Process

PROJECT PRE CONSTRUCTION

PLANNING

- Vendor Selection

#### **SCHEDULE PLANNING**

- Schedule Planning
- Logistic Planning
- Storage Planning
- Record Keeping

#### **RISK ANALYSIS** & MANGEMENT

- Risk Analysis
- Safety Planning
- Hazard Management
- Employee Training

#### **BUDGET ESTIMATION**

- Financial Services
- Budget Estimate
- Budget Planning
- Recycle Strategy

#### **QC ASSURANCE** & PLANNING

- Quality Parameter Plan
- QC Document Plan
- QC Testing & Analysis
- QC Contingency Planning

**MANAGEMENT** 

- Scope Analysis
- Site Survey
- Work Breakdown Structuring
- Scope Controlling

**RESOURCE MANAGEMENT** 

SCOPE

- Requirement Planning
- Resource Management
- Money Management
- Upcycle Plan

**SCHEDULE MANAGEMENT** 

- Schedule Planning
- Documentation Process
- Spillover Planning

#### PROJECT TURNKEY CONSTRUCTION

#### **TURNKEY** CONSTRUCTION

- Site Preparation
- Civil & PEB Construction
- MEP System Installation
- Interior & Finish Works

#### **TESTING & COMMISIONING**

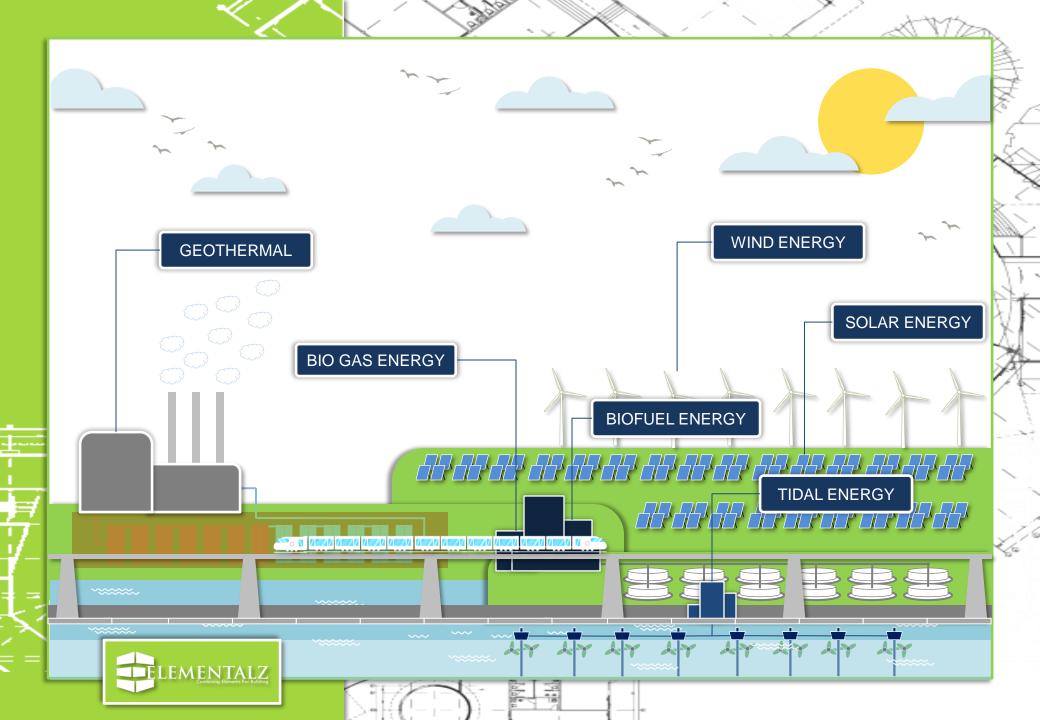
- Project Finishing Analysis
- Project Testing
- Project Commissioning
- Documentation

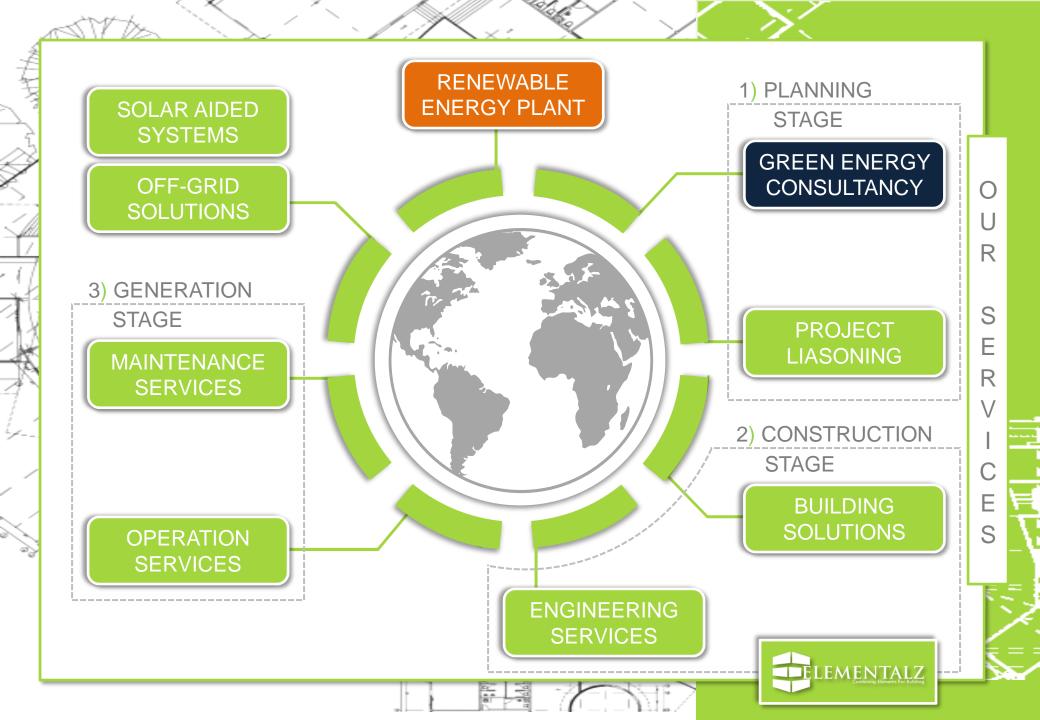
#### **POST** CONSTRUCTION

- Operations Training
- Safety Training
- Warranties' Certification
- Maintenance Training

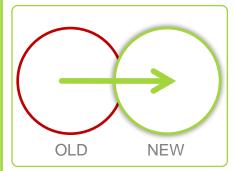
COMMERCIAL CLOSURE







# **TRANSFORM**















BETTER FUTURE

# **PROFIT**





**NET ZERO** 





With Green Energy we intend to transform old existing business to more energy efficient business that will not only save our planet and environment but it is also beneficial for the business as it reduces production cost, reduces Carbon tax levies and promotes business among the younger generation of consumers.

With proper planning and management Green Energy Source are more reliable than conventional power source. Ensuring round the clock energy availability.

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#### LAND REQUIREMENTS



SUNNY WEATHER



**COLD WEATHER** 



WATER SOURCE



NO MOUNTAINS OR HILLS

## Questions that are required to be answered:

- Is the Energy Project/Upgrade Viable..?
- What is ROI Estimate..?
- What to do and How to do it..?
- Is project beneficial or Harmful to Environment..?
- Step-by-Step Planning of Project..?
- What are the Parameter for Performance Evaluation ..?
- Can Retrofit be done with harming old structure..?
- How to ensure Power continuity or production recovery after disaster..?









#### DISASTER AND CRISIS PLANNING

3. Tyears

**ROI PERIOD\*** 



TSUNAMI & FLOODING



EARTH QUAKES



CRISIS MANAGMENT



PARAMETER PLANNING

- PROJECT ANALYSIS & REPORT
- LOAD SURVEY & ANALYSIS
- Roi Planning
- PRODUCTION PROCESS SELECTION
- ENIVRONMENT IMPACT ANALYSIS
- OEM SELECTIONS
- BENCHMARKING LIST
- Retrofit Analysis
- REDUNDANCY PLAN
- DISASTER MANAGEMENT AND PLANNING
- System Integration



#### POWER PURCHASE AGREEMENT

#### (PPA)

- Power Purchase agreement is a legal document between power seller & power buyer.
- It ensures power plant have source of income after starting of the power project
- Buyer can be Private or PSU's or any other Government Subsidiaries.
- It entails minimum unit per day to given to buyer as well as other quality technical parameters
- · It also defines limitation on liabilities for the power seller, protecting the seller from frivolous law suits by the buyer.
- PPA also define payment schedule and payment ROI is planned as per the mentioned schedule.
- PPA also determines the land area needed for the project and also ensure planning for expansion.
- Once PPA is done it becomes very easy to convince investors to invest in the project.
- PPA is the one of the most important document for beginning new power project and to ensure its success.

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We meticulously analyze and study the land before recommend it to client for purchase. After analyzing

multiple factors, we run detailed models and Simulations for multiple scenarios, which help us in better planning & also ensure greater efficiency of the power plant.



SOIL **ANALYSIS** 



SOLAR IR **ANALYSIS** 



FLOW **ANALYSIS** 



WIND **ANALYSIS** 



**GEOLOGICAL** SURVEY



**TRADITION SURVEY** 



**OWNERSHIP ANALYSIS** 



RISK **ANALYSIS** 

#### **REQUIRED LICENSES**

- CENTRAL LICENSES
- STATE LICENSES
- LOCAL LICENSES
- GRID ACCESS LICENSE
- ENVIRONMENT CLEARANCE
- LOCAL BODY NOC
- LAND DOCUMENTATION
- SAFETY CERTIFICATION
- MISCELLANEOUS

#### **CUSTOMER LIASONING**

PRIVATE SECTORS:

**GOVERNMENT SECTORS:** 

• INDUSTRIES

• PSU'S

HOSPITALITY

• DISCOMMS

• BUSINESS CENTRES

MOBILITY UNITS

• EDUCATION INSTITUTES • MINING INDUSTRY

• RETAIL & MALL

• PUBLIC SERVICE

- AGRICULTURE
- RESIDENTIAL COLONIES
- HEALTHCARE(LIMITED)



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#### PPP

- Due Diligence
- Documentation Preparation
- Client Liasoning
- MoU/PPA signing

#### PROJECT FINANCING

- Documentation Preparation
- Investment Liasoning
- Finance Planning
- Payback Planning

#### LIASONING WORKS

- License Liasoning
- Investment Liasoning
- Administration Liasoning
- DISCOM Liasoning

#### LAND ACQUISITION

- Due Diligence
- Document Preparation
- Financial Arrangement
- Local NOC's

## SERVICES WE OFFER

- PPA PREPARATION
- PPA LIASONING
- GOVERNMENT PSU LIASONING
- Land Acquisition Liasoning
- FINANCE LIASONING
- LOCAL ADMINISTRATION WORK
- LICENSE LIASONING
- Investment Liasoning
- Customer Liasoning & Arbitation
- FEED STUDIES AND ANALYSIS

#### In-Depth Analysis & Planning

- We Use State of the art software for Building Information modeling.

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- We do extensive research before designing & planning
- During designing we not only consider construction but also operations and maintenance.



#### Better Technology Integration

- We ensure better integration of multiple systems.
- Using BIM we ensure multiple systems can be maintained independently of each other
- With our expertise we can ensure minimal support for various system



# Infrastructure & Operation Optimisation

- With years of experience and state of art computer modeling, we can make a very good estimation about use of infrastructure & design infrastructure, and it operation to be more efficient.



# Low-Cost Design And Technology

- We Use BIM to design various sections so that they use less materials for construction.
- We select materials that have long life, Durable & Economical.
- We incorporate technologies that reduce Setup & Operational Cost





#### INDUSTRIAL SOLUTION



Affordable Renewable energy source for all those Industries and businesses who are willing to reduce their Carbon footprint and also want to reduce their Electricity bill.

#### AGRICULTURE SOLUTION



Advance technology of renewable energy production to be used for commercial and industrial agriculture. Hence ensuring food security for the whole masses.

#### VILLAGE SOLUTION



Village based grid for generating renewable energy to be used by local population for day to day and admin purposes. Providing electricity in villages that are to far.

#### **COLONY SOLUTION**



Distributed renewable energy sources used for generation over a large area, ensuring large sum of surplus energy to be collected ,Hence Reducing the electricity bill.

#### **ELECTRIC VEHICLE SOLUTION**





Mobility is one of the key aspect of modern society, for which an expansive network of renewable energy is to be deployed that ensure mobility is not hindered by transition

## **URBAN CITY SOLUTION**



Distributed renewable energy sources used for generation over a large area, ensuring large sum of surplus energy to be collected, Hence Reducing the electricity bill.

#### PUBLIC TRANSPORT SOLUTION



Specialized renewable energy sources for massive transport and logistic network which help in reducing cost of transporting people and also reduce cost of moving goods.

#### **ECO-HOSPITALITY SOLUTION**



Energy solutions that reduce carbon foot print and also cost of running hotels by providing renewable energy for the hotel and that too at a very relatively lower cost.

#### **DRONE PLATFORM SOLUTION**



Drone technology is on the rise with drone usage increasing day by day. Renewable energy sources for drone increase their field usability & also enable expansion.



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After having lots of conversation with our client, We have design and developed renewable energy solutions tailored made to client's business sector.

These solutions not only include renewable energy production systems but other systems like Structural, Mechanical, Electrical & other necessary systems which ensure Renewable system work in tandem with the requirement of the infrastructure.

Our Solutions are Reliable. Robust and Efficient which ensure continues working and minimal to no breakdown. In case there is a breakdown we have huge service network of experienced engineers and technician along with reliable chain of supply for spare parts.



**POWER SYSTEMS** 



**ELECTRICAL SYSTEMS** 



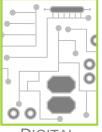
**SYSTEMS** 



**PLUMBING SYSTEMS** 



MECHANICAL **SYSTEMS** 



DIGITAL **SYSTEMS** 

#### POWER-2-X SOLUTION

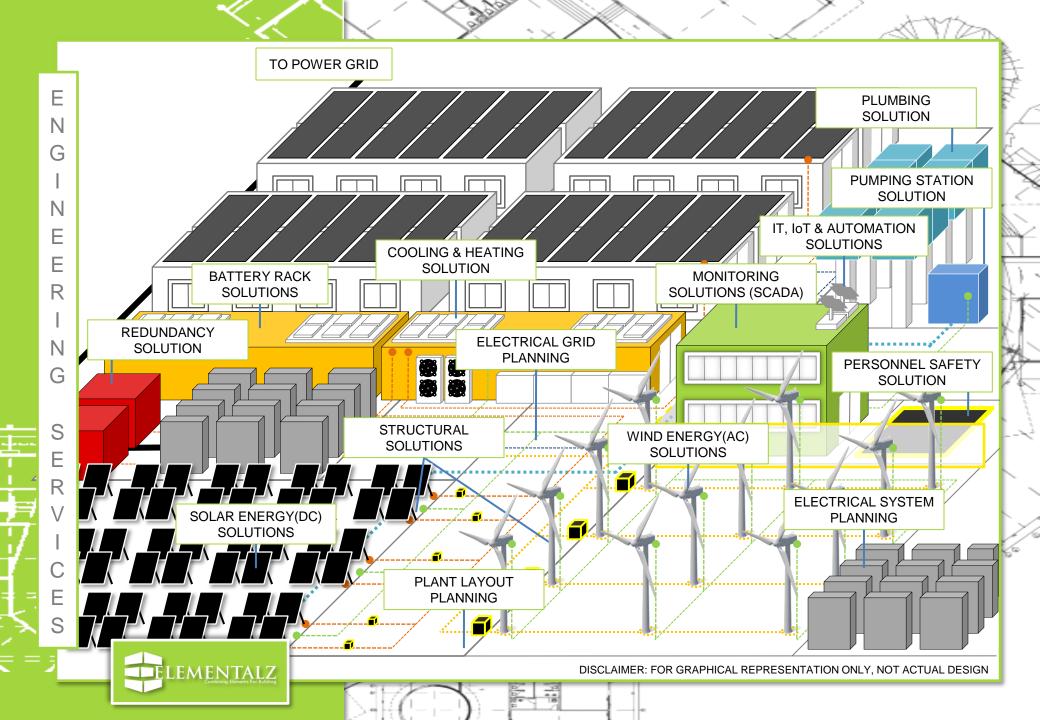
- It provide solutions for immediate future energy supply.
- It ensures energy produced can be used in night.
- · Energy can be produce, stored and transported in other conventional method using existing infrastructure.
- This makes this P2X solution more energy efficient and way more eco friendly by using existing setup.
- Sectors that can immensely benefit from P2X solutions are Industry, Mobility and Agriculture.
- It reduces carbon footprint of the fuel and energy generation process greatly, all the while make current renewable energy more reliable source of energy.
- P2X solution makes transition to fossil fuel free society even more possible and economically viable.

P-2-X

POWER TO CHANGE TODAY

- INDUSTRIAL SOLUTIONS
- AGRICULTURE SOLUTIONS
- VILLAGE SOLUTIONS
- Colony Solutions
- ELECTRIC VEHICLE SOLUTIONS
- URBAN CITY SOLUTIONS
- Public Transport Solutions
- ECO HOSPITALITY SOLUTIONS
- DRONE PLATFORM SOLUTIONS
- P-2-X SOLUTIONS





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# 360° SOLUTIONS

We have a team of experienced Engineers, Environmentalists and Designers. With years of experience under the belt, who have designed complete 360 solution for renewable power plants.

## **BEST TEAM**

DIVERSE TEAM OF EXPERIENCED EXPERTS

## BIM

BUILDING INFORMATION MODELLING

# 6 YEARS

SERVICE GUARANTEE

Our Engineering solutions provide everything from planning designing of project to Complete Construction of the energy project. With Our expertise in Building information modeling we can design Power Plants that are efficient to operate all the meanwhile easy to maintain with minimal to no Downtime.

In our effort to provide better solutions to our clients and promote renewable energy we have allied with many financial institutions and investors to provide Project Financial options that are custom made for renewable energy sector.

We use latest technologies in our solutions from AC based Wind turbines to most advance SCADA & automation systems, Which make plant more efficient and more reliable with minimal impact on the environment.

#### PROJECT FINANCIAL OPTIONS



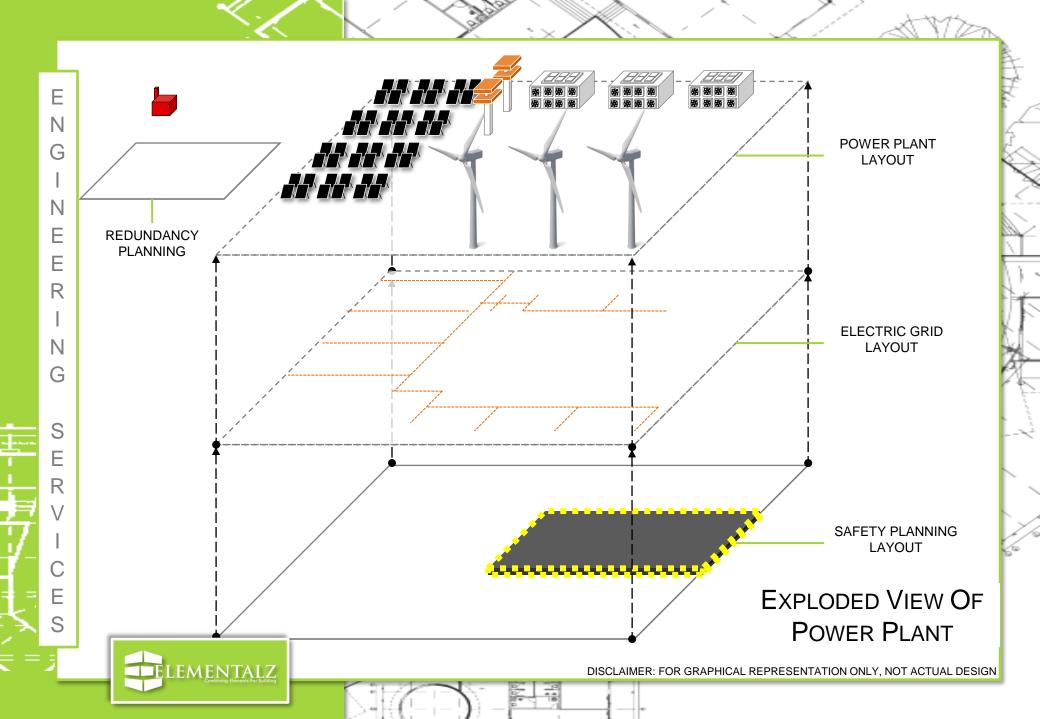




LOAN OPTION

- PLANT LAYOUT PLANNING
- ELECTRICAL GRID PLANNING
- ELECTRICAL SYSTEM PLANNING
- STRUCTURAL PLANNING
- PLUMBING PLANNING
- SAFETY ENGINEERING
- Automation Solutions
- IT & IoT SOLUTIONS
- Monitoring Solutions
- REDUNDANCY SOLUTIONS
- Cooling & Heating Solutions
- Scada Solutions





## PLANT LAYOUT PLANNING

- We use advance modaling software to trace the best path of sun & other natural elements.
   Then place various power generation system accordingly ensuring best result of energy production for longest period of time.
- We also arrange various facilities accordingly ,so as to increase efficiency and reliability of power plant.



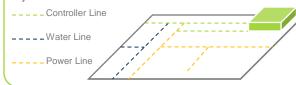
# SAFETY ENGINEERING & PLAN

- Personnel safety is of the utmost importance in any power plant, we deploy multiple location in power plant that provide safety to personnel from electric shocks, and provide emergency shelter during catastrophe.
- Evacuation planning is also prepared in case of complete destruction of facilities.



# ELECTRICAL GRID PLANNING

- We use Building information modaling to design arrange and place various utility lines. With detailed modaling we can ensure proper efficiency, save cost of setup, save operation cost and even reduce risk of mishaps happening
- Grid planning is also effective during operation and maintenance enabling the team to make justified calls.

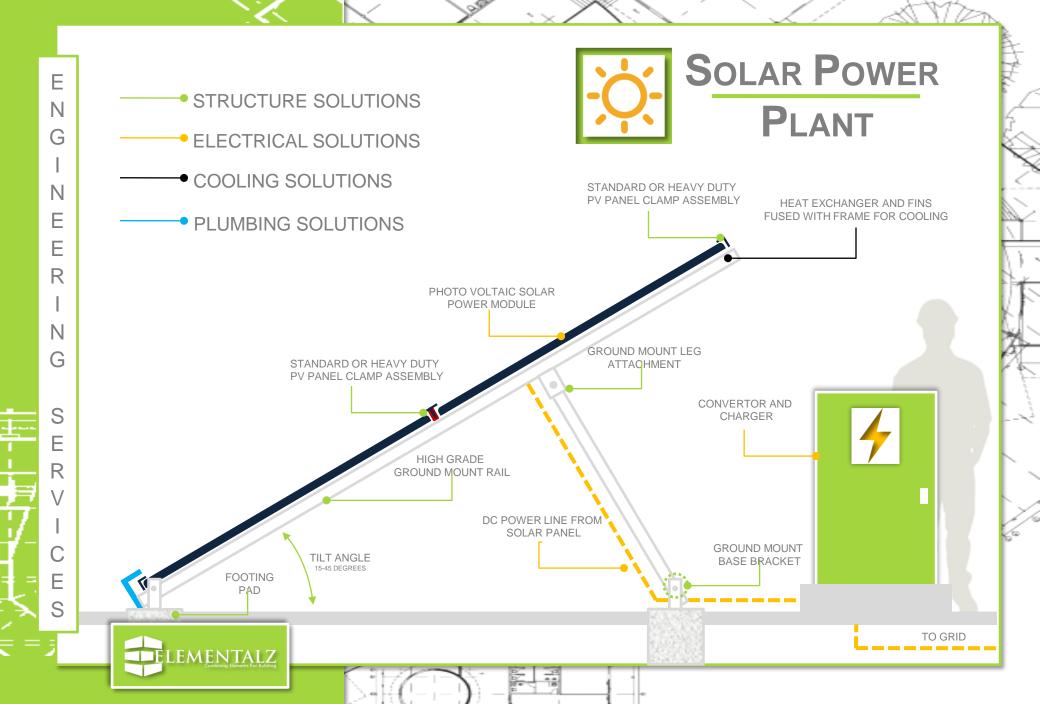


## REDUNDANCY SOLUTIONS

- Redundancy solutions helps in preventing loss of performance & output incase of minor break downs.
- Multiple pathway are designed & laid to ensure continuous functioning of Power plant incase some section goes down for maintenance.
- Onsite Conventional plants or generators are also used to augment power plant output incase of failure or subpar production.

- PLANT LAYOUT PLANNING
- ELECTRICAL GRID PLANNING
- SAFETY ENGINEERING
- REDUNDANCY SOLUTIONS
- ELECTRICAL SYSTEM PLANNING
- STRUCTURAL PLANNING
- PLUMBING PLANNING
- Cooling & Heating Solutions
- Automation Solutions
- IT & IoT SOLUTIONS
- Monitoring Solutions
- Scada Solutions





#### STRUCTURAL PLANNING

is done.

Hurricanes.

stability of the system.

- Once layout & grid are finalized, by considering

the result from soil and environment analysis,

- Different structure type are designed for various

- Our designed structure can handle a wide range

of environment impact ranging earthquakes to

- Our structure solutions are robust, reliable and

made up of good quality materials.

energy generation system, which ensure the

structure for various energy production modules

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# SERVICES WE OFFER

- PLANT LAYOUT PLANNING
- ELECTRICAL GRID PLANNING
- SAFETY ENGINEERING
- REDUNDANCY SOLUTIONS
- ELECTRICAL SYSTEM PLANNING
- STRUCTURAL PLANNING
- PLUMBING PLANNING
- **COOLING & HEATING SOLUTION**
- Automation Solutions
- IT & IoT SOLUTIONS
- Monitoring Solutions
- SCADA SOLUTIONS

#### ELECTRICAL SYSTEM PLANNING

- Once layout & grid are finalized, various electric systems are analyzed and designed accordingly to accommodate layout and grid requirements.
- Multiple stages from productions to storage to conversion to distribution, multiple systems are designed to be used.
- Depending on the voltage these equipment can be identified DC Equipment, AC Equipment (HV, MV and LV)
- Various Energy Storage and conversion solution are selected as per the requirement of the client and the Environment.

#### PLUMBING PLANNING

- Once layout & grid are finalized, using data from flow analysis we design plumbing system for the power plant.
- Plumbing system design include rain water over flow pipe, cooling water lines, Steam systems, Brine water lines.
- With weather pressure analysis we can make the pipelines much more safe.

# COOLING & HEATING SOLUTIONS

- Once layout & grid are finalized, we plan for Cooling & heating solutions if needed by the power plant.
- All power plants have an upper and lower limit for temperature at which they can operate, after analyzing the environment & running simulations we can estimate range in which the plant will operate then we plan the Heating & Cooling accordingly.



#### **AUTOMATION SOLUTIONS**

- As per analysis of all the natural elements, power modules are optimized for peak output.
- But natural elements follow a different path or grid varying from day to day even hour to hour.
- To counter this problem positioning motors are placed with the production module which adjust automatically or via command from control centre.
- Ensuring best energy output fro m the power production module.

#### MONITORING SOLUTION

- We offer complete 360 monitoring solutions ranging from design services to complete setup
- Our Design of control rooms improves well being and comfort of the users, preventing work related fatigue.
- By using reliable OEM product for the solutions we ensure reliability, resilience and robustness of the solutions
- Our monitoring solutions also include physical world's surveillance like cameras and drones .

#### IT & IoT SOLUTIONS

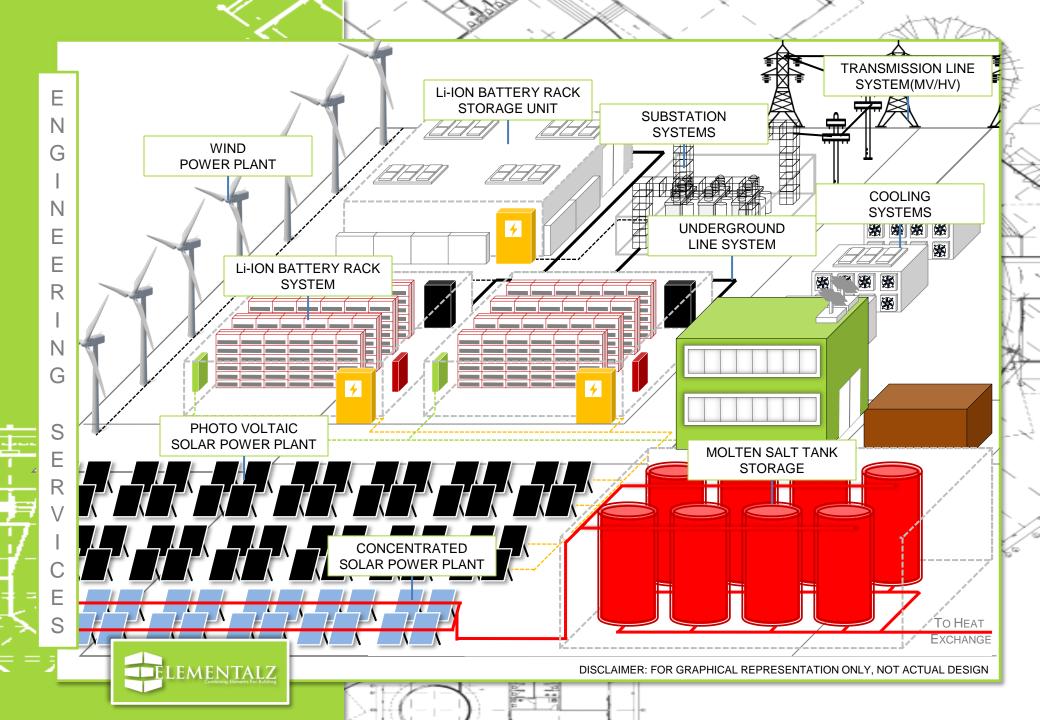
- Real time analysis and monitoring of various performance and system parameters is crucial
- We have partnered up with best hardware OEM to develop start of the connectivity network with minimal to none delay in data transmission.
- Our fast IT & IoT solutions enable power plant to orient itself to natural elements ensuring peak output and performance at all times.
- With these system we can also predict or isolate and greatly decrease probability of accidents from happening.

#### SCADA & PLC-DCS SOLUTIONS

- We have partnered with one of the top software companies to develop a cutting edge SCADA solutions for our clients, which is custom made to each clients' preference.
- This Software is very efficient & secure enabling reduction of threat for digital hacks.
- We have also developed cutting edge PLC solutions which are responsive and reliable, coupled with robust IoT network we can ensure higher efficiency in the system.
- Our SCADA & PLC solutions are compatible with most types of VPN.

- PLANT LAYOUT PLANNING
- ELECTRICAL GRID PLANNING
- SAFETY ENGINEERING
- REDUNDANCY SOLUTIONS
- ELECTRICAL SYSTEM PLANNING
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- Cooling & Heating Solutions
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- Monitoring Solutions
- SCADA SOLUTIONS





### **ENERGY COLLECTION SOLUTIONS**

- This is a modification of collection substation designed specifically to collect medium voltage power from AC sources.
- It collects power from Alternating current source like Wind Turbine, Hydro Turbines & Invertors.
   Unlike substation this system is essentially part of generation process
- Energy collection system can be used to feed the inverter and charge the batteries. System comes with its control operation which makes it semi autonomous.
- It can be MV or LV system.

#### SUBSTATION SOLUTION

- Substation are the like the transit station of the power grid and are responsible for smooth relaying of electricity from one level to other.
   Ensuring viable voltage for transmission and on users' end.
- Our design services cover all types of substation designs required by the electric grid. And works with or without transformer as per requirement.
- We have partnered with reputable OEM's who make high quality equipment for the substation, combined with our design services, we provide a more energy efficient and Reliable system.

## **ENERGY STORAGE SOLUTIONS**

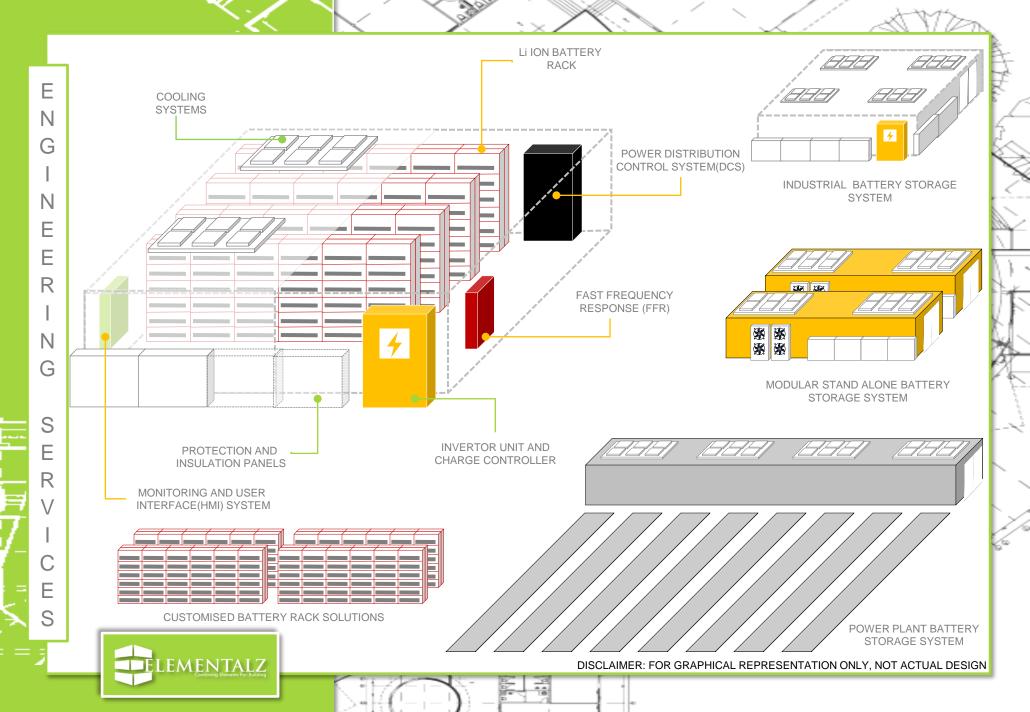
- Just like batteries produced Energy can be stored in many other form like thermal, potential kinetic and many others.
- Energy storage in other form is just as efficient as chemical storage in batteries. In some cases its even better.
- Most commonly used is Thermal energy storage which stores heat energy in form of molten salts or super heated oil or many of the other artificial fluids.
- Energy can be produced more reliably and more economically by this system.

#### TRANSMISSION LINE SOLUTIONS

- Using advance modeling software and collected environment data to design robust all weather transmission line.
- Our services include design services for multiple types of geographical location like over head or underground, etc.
- We have partnered with reputable OEM's who manufacture high quality products that are integrated into our solutions.
- -With our in-depth design services we can transmission lines that are more energy efficient and require less maintenance.

- MV ENERGY COLLECTION SYSTEM DESIGN SERVICES
- ENERGY STORAGE DESIGN SERVICES (ALTERNATE TO BATTERY)
- Substation Engineering And Design Services
- TRANSMISSION LINE DESIGN





#### **BATTERY SOLUTIONS**

- Once layout & grid are finalized, Energy storage form is selected depending on the expectation from the system.
- They come in all sort of shapes, variety & sizes as show in adjacent image. These batteries usually consist of dry chemicals and combined with our design these system become highly reliable and safe to use.
- With advancement of technology huge array of dry cells are available to choose from. By Analyzing merits and demerits of the system and purpose of the systems.

#### COOLING SOLUTION

- Despite all the latest innovation & technological advances bottom line is that Internal mechanism of the battery is based on a exothermic chemical reaction making it prone to over heating & some times even fire. Couple that with global warming and we are looking at potential disaster that could harm the grid irreparably.
- To counter act the effects of exothermic process various cooling solutions are employed which can be both passive or active in nature. With years of experience in designing cooling systems under the belt we can reduce the risk of overheating & systemic fire to a great extent.

#### INVERTER SOLUTIONS

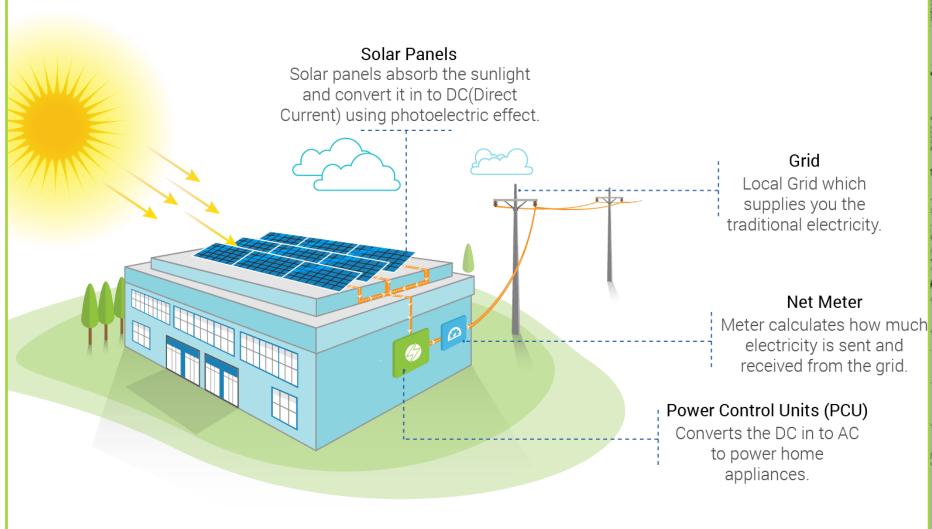
- Invertors system is one of the most significant system which converts AC to DC current and vice versa.
- We take special when selecting invertors so as ensure good life of system, improve reliability of systems and improve overall performance of the the Battery storage system..
- Our solutions only incorporate invertors systems of trusted OEMs with proven track record. Due to modular design of our solutions and systems we can always incorporate newer systems and solutions as and when they are available,

#### ALT. ENERGY STORAGE SOLN.

- Apart from dry cell storage solutions there are other ways to store energy that is based other principles of physics and chemistry.
- Some the successful alternate energy storage systems are brine solutions energy storage in which heat energy is stored and used later for electricity generation.
- Other means use Potential energy and kinetic energy of elements stored in bank. Our solutions are composed of design and systems that is most useful and appropriate for the project

- BATTERY STORAGE DESIGN SERVICES
- BATTERY ENERGY STORAGE SOLUTIONS
- Invertor Storage Solutions and Design Services
- BATTERY STORAGE COOLING SOLUTIONS
- ALTERNATE ENERGY STORAGE DESIGN SERVICES
- SYSTEM CLASH PREVENTION PLANNING





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#### SYSTEM BENCHMARKING

- Using years of experience and detailed analysis of component along with output expectation from the power project, we can with accurate certainty we can set benchmark for the components and systems that are required for the setup of power plant project.
- Everything from generation depreciation to setup cost and even expected output & operation cost can also be benchmarked for the power project by our project team.
- Also claims by OEMs can be checked for being true or not.

#### RETROFIT SERVICES

- Keeping up with the advances in technology we offer retrofit services for various systems like better energy storage, improved structure soln. and more efficient transmission system.
- Retrofit services can also be applied to improve sustainability, reliability and improve green score of an existing building.
- Newer technologies like charged piping system can reduce corrosion, wear and tear of material thereby increasing the life of the system & also preventing accidents due to lose of material integrity.

#### PROJECT SITC & SUPERVISION

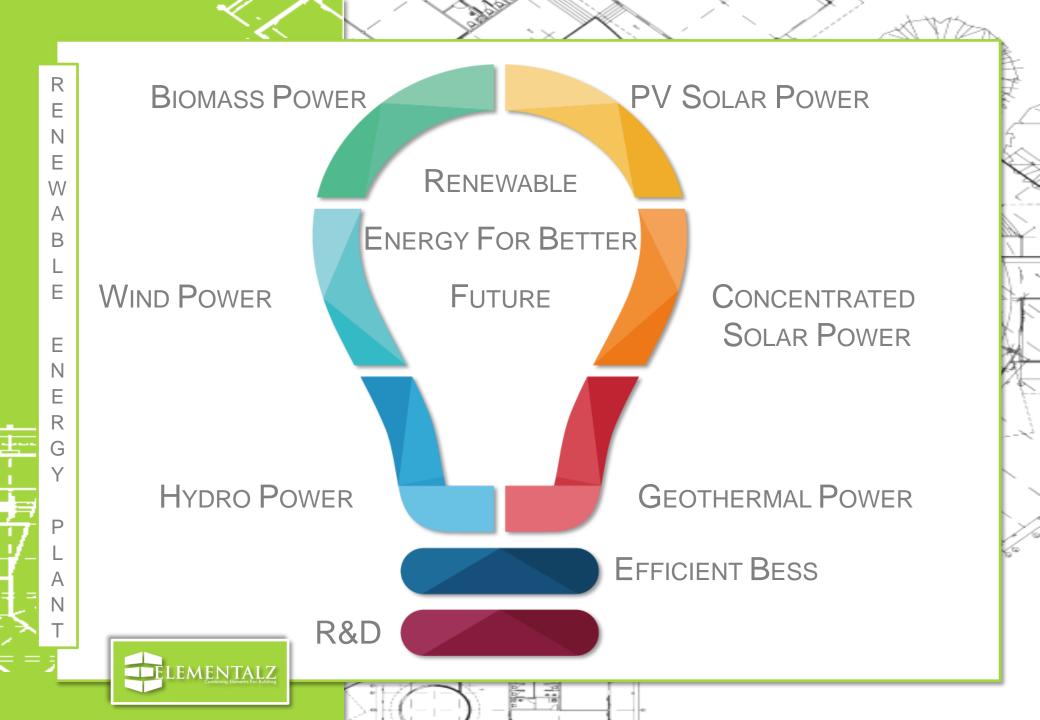
- After finalization of design, grid layout and other relevant engineering. Quality and quantity of the output of power & system's reliability is primarily affected by the quality of construction material & installation practice.
- To ensure proper quality and installation of the power project we offer our supervision services which when applied will save time, money and improve success probability.
- We also ensure that subpar or poor quality material is not used in power project and proper Installation practices are used.

#### GLASS PV POWER SOLUTIONS

- Most modern building have Glass Façade which is counterintuitive to the philosophy of green and sustainable buildings.
- To compensate for excess IR and additional energy needed for cooling of building, Building integrated PV systems can be deployed thereby offsetting energy consumption & carbon footprint
- We have tied up with Best in class OEMs to provide these solutions for our client. Using various simulation models we can design the best possible solutions with minimal to no alteration to existing structure.

- SYSTEM BENCHMARKING
  - GENERATION SYSTEM
  - DISTRIBUTION SYSTEM
  - STORAGE SYSTEM
- Power project S.I.T.C. And Supervision
  - GENERATION SYSTEM
  - DISTRIBUTION SYSTEM
  - STORAGE SYSTEMS
- RETROFIT SERVICES
- GLASS PV POWER PLANTS





# CONTACT US TODAY FOR A BETTER FUTURE, BETTER ECONOMICS AND BETTER COMMUNITIES

We are Listening:

Visit Us: www.elementalzindia.com

Mail Us: connect@elementalzindia.com

We are on Social Media.

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- Solar Power Plant
- WIND POWER PLANTS
- FLOATING SOLAR PLANTS
- Hybrid Power Systems
- GEOTHERMAL POWER PLANT
- BIOMASS POWER PLANT
- Mechanical Power Plant
- MICRO HYDRO POWER PLANT
- TIDAL POWER PLANT
- Concentrating Solar Power Plant



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- WAREHOUSE
- COLD ROOM & COLD STORAGE
- Logistic Hub



- AUTOMOBILE
- FASHION
- LIFESTYLE









- LIAISONING
- CERTIFICATION
- FINANCING



• RESIDENCES • RESIDENTIAL

COLONY

RESIDENTIAL



- NATURE PARK
- ENVIRONMENT **PROJECT**

**ENVIRONMENT ENGG.** 



- RAPID BUILDS
- PORTABLE

CIVIL INFRA

STRUCTURE

CORNER STONE DIV.



- HOPEFUL URBAN **ENGINEERING**
- GREEN ENGG.

SOLAR PUNK INFRA.





- INDUSTRIES
- WAREHOUSE
- FOOD PROCESSING



- MINIPLEX
- MALL
- HYPER & SUPER

MARKET





- HOTELS
- CLUBS
- FOOD CHAIN
- Pubs & Bar



- FIRE STATION
- Police Station
- CIVIL RESCUE

PUBLIC DEFENSE





- FALLOUT SHELTER
- BUNKER
- Survivor

BUNKER & SURVIVAL COLONY



- Green House
- STORAGE
- SUPPORT
   BUILDINGS

AGRICULTURE



- COMMERCIAL
- RESIDENTIAL
- MIXED USE
- SUPPORT







# **CONTACT FOR MORE INFORMATION**

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