



SOL SOURCE

ELECTRICAL SYSTEMS

SOL SOURCE MISSION

THE MISSION OF SOL SOURCE IS TO DESIGN
THE MOST OPTIMIZED AND EASILY
CONSTRUCTED ELECTRICAL SYSTEMS FOR
SOLAR POWER PLANTS.

OUR GOAL IS TO FIND THE PERFECT
BALANCE OF PRICE, EXPEDIENCY AND
QUALITY TO PROVIDE THE HIGHEST
RETURN WITH THE LEAST AMOUNT OF RISK.



REVOLUTIONIZING THE SOLAR POWER INDUSTRY AN INTEGRATED MATERIALS MANAGEMENT APPROACH

SOL SOURCE DESIGNS ELECTRICAL SYSTEMS FOR UTILITY SCALE SOLAR POWER PLANTS AROUND THE MODULES, INVERTERS AND RACKING OF THE CLIENT'S CHOICE UTILIZING AN INTEGRATED MATERIALS MANAGEMENT APPROACH.

SOL SOURCE ELECTRICAL SYSTEMS MIRROR THE SCOPE OF
MECHANICAL EQUIPMENT PROVIDERS

SOL SOURCE PROVIDES A COMPLETE ELECTRICAL SYSTEM INCLUDING DESIGN ENGINEERING, PROCUREMENT OF COMPONENTS, SITE LOGISTICS, TRAINING, COMMISSIONING AND CLOSEOUT DOCUMENTATION.



WHAT IS INCLUDED

- AC/DC COMBINERS AND RECOMBINERS
- HARNESSES AND HOMERUNS
- FEEDER WIRE AND MV CABLE
- LUGS AND TERMINATIONS
- WIRE MANAGEMENT
- GROUNDING
- CONDUIT AND FITTINGS
- LABELS
- MOUNTING STRUCTURES
- UNIVERSAL NETWORKING HARDWARE
- WEATHER STATION
- FIBER/ETHERNET LAN CONNECTIVITY



WHO DOES WHAT

TASK	CLIENT	SOL SOURCE
PROVIDE RACKING LAYOUT AND MODULE AND INVERTER SPECIFICATION	✓	
DESIGNS ELECTRICAL SYSTEM USING STANDARDIZED, READILY AVAILABLE EQUIPMENT AND MATERIAL		✓
PROCURES MATERIAL AND MANAGES DELIVERY SCHEDULE		✓
RECEIVES MATERIAL ONSITE AND SORTS BY ARRAY		✓
PROVIDES DETAILED, EASY TO READ INSTALLATION INSTRUCTIONS		✓
PERFORMS 2-DAY ONSITE INSTALLATION TRAINING AND ELECTRICAL COMMISSIONING		✓
PROVIDES CLOSEOUT AND O&M DOCUMENTATION		✓
ENJOYS A SMOOTH AND EASY ELECTRICAL PROCUREMENT EXPERIENCE	✓	✓



SOL SOURCE ADVANTAGES

1. BETTER ACCOUNTABILITY:

NO LONGER ARE SCOPES LOOSELY DEFINED ON WHO DOES AND PROCURES WHAT. SOL SOURCE TAKES THE RESPONSIBILITY OF ALL ELECTRICAL MATERIAL.

2. BETTER COORDINATION:

THERE IS A SINGLE POINT OF CONTACT THAT STAYS WITH THE PROJECT THROUGHOUT IT'S LIFE CYCLE AND STAYS IN COMMUNICATION WITH OTHER COMPONENT MANUFACTURERS TO ENSURE ANY CHANGES ARE INCORPORATED INTO THE DESIGN.



SOL SOURCE ADVANTAGES

3. IMPROVED PERFORMANCE:

SOL SOURCE STRIVES TO MAKE THE INSTALLATION OF THE ELECTRICAL SYSTEM AS SIMPLE AS POSSIBLE BY USING STANDARDIZED PRODUCTS, BEST PRACTICES, EASY TO READ INSTRUCTION MANUALS AND KITTING MATERIAL ONSITE. THESE EFFICIENCIES EQUATE TO QUICKER INSTALLATION TIMES AND LOWER INSTALL COSTS.

4. LESS RISK:

PROPER STRATEGY AND PLANNING OF MATERIALS ELIMINATES CONSTRUCTION DELAYS DUE TO LONG LEAD TIMES AND MISSED MATERIAL. SOL SOURCE ALSO ONLY PARTNERS WITH MANUFACTURERS THAT OFFER A 10 YEAR BANKABLE WARRANTY.



COMPETITIVE ADVANTAGE STANDARDIZED AND FLEXIBLE

WHILE SOME ELECTRICAL BALANCE OF SYSTEM MANUFACTURERS HAVE DECIDED TO PARTNER WITH SPECIFIC MECHANICAL SYSTEM PROVIDERS TO OFFER A MATERIAL PACKAGE, SOL SOURCE IS THE FIRST IN THE INDUSTRY TO OFFER A COMPLETE ELECTRICAL SYSTEM.

SOL SOURCE ELECTRICAL SYSTEMS ARE AGNOSTIC TO ALL OTHER COMPONENTS OF THE PLANT.

SOL SOURCE ACTIVELY RESEARCHES NEW MODULE, RACKING AND INVERTER TECHNOLOGIES TO PROACTIVELY WORK ON DESIGN INTEGRATIONS.

