

# REPLACEMENT & REFURBISHMENT



- ✓ ASSET REFURBISHMENT
- ✓ ASSET LIFE EXTENSIONS
- ✓ ENHANCEMENTS & UPGRADES

*Australian Power Industry Partners deliver 'turn-key' high voltage transmission and distribution electrical solutions.*

## ENHANCING ASSET RELIABILITY EFFECTIVENESS AND UTILISATION

Australian Power Industry Partners (APIP) are High Voltage Electrical Transmission and Distribution Specialists.

APIP's strength is in Asset Management of High Voltage Infrastructure. Early engagement enables the entire life cycle to be considered in the development of optimal energy asset solutions.

With a focus on Transmission and Distribution Assets we play to our strengths in providing uncompromising quality in HV asset service delivery.

Asset Sustainability Management (ASM) is a division of APIP focused on the delivery of HV Asset Services, targeting:

- HV asset refurbishment;
- Life extensions; and
- Asset enhancement services.

APIP provides a range of services from individual asset rectification works reinstating the integrity of an asset, through to the delivery of a complete 'turn key' High Voltage Asset Life Extension Project.

APIP delivers value for money, operationally efficient HV asset solutions with the deployment of dynamic and agile multi-skilled teams.

Due to the essential nature of the electricity supply networks, on-site works control and monitoring is of utmost importance and must be diligently managed. APIP delivers reduced outage times and minimises risks to network reliability.



## ASSET REFURBISHMENT

Australian Power Industry Partners (APIP) are leading specialists in the delivery of high voltage asset refurbishment services.

Commencing with the delivery of an asset assessment, APIP provides skilled and licensed electrical workers that perform asset remedial works during the condition assessments. This includes:

- Repairing anti-climbs and access barriers;
- Reinstating integrity of earthing;
- Replacement of members & bolts;
- Protective coating refurbishment; and
- Foundation stabilisation (micro piling).

Our dynamic and flexible approach to the delivery of works is the APIP competitive advantage. We work with our clients in delivering refurbishment works packages, reinstating the integrity of our client assets.



## REINSTATING AND ENHANCING THE INTEGRITY OF ASSETS

### LIFE EXTENSION

The capital cost of building a new high voltage asset is significant, and with the constraints associated with the acquisition of new easements, cultural heritage and environmental considerations; the option of undertaking an asset life extension is becoming increasingly more common.

Australian Power Industry Partners (APIP) are the industry leaders in the delivery of complete turn key asset life extensions.

Foundations firmly planted in the power industry provide a core strength that sets APIP apart from our competitors.

With over twenty years experience in the delivery of life extension projects, APIP holds the specialist tools and industry knowledge to deliver your next life extension project on time and on budget.

### ENHANCEMENTS & UPGRADES

Due to growing demands on energy supply, the necessity to upgrade the capacity limitations of many energy networks is becoming increasingly more critical.

Restraining and reinsulating power lines can increase the capacity of existing assets and can be achieved quickly to address immediate network constraints. As an added benefit, the work can be done with little or no impact on the environment.

Upgrading earth peaks to support the installation of optical fibre ground wire (OPGW) or to accommodate a larger diameter earth wire (to address increasing fault currents) are asset enhancement services that APIP can deliver.

Tower & Substation upgrades are also a more viable and cost effective option that increases the capacity of client assets to meet their business needs

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