

Full Support from Onshore to Offshore.

Qualified crew is ready.



合隆電工·合隆能源
HO LUNG POWER

• Work Scope

Construction

Transpooling	HV Cable	FO Cable
<ul style="list-style-type: none"> ┌ Pre-test ┌ Cable inspection ┌ MBR Measurement ┌ Technical Support ┌ Cable Stripping ┌ Cable Sealing 	<ul style="list-style-type: none"> ┌ Cable Laying ┌ Cable Pull-in ┌ Cable Stripping ┌ Hang-off Assembly ┌ Heating & Straightening ┌ Termination 	<ul style="list-style-type: none"> ┌ Pre-Termination Test ┌ FO Box Installation ┌ Routing (MBR) ┌ Splicing ┌ Earthing ┌ Post-Termination Test
Test	Supports	Management
<ul style="list-style-type: none"> ┌ Conductor Continuity ┌ DC IR and Sheath ┌ OTDR ┌ TDR ┌ LIRA ┌ VLF ┌ FAT 	<ul style="list-style-type: none"> ┌ Cable System Design ┌ Pre-assembly Technicians ┌ Test of Electrical Systems ┌ Cable Load-out Test ┌ Lifting Equipment ┌ Commissioning ┌ Quality Acceptance 	<ul style="list-style-type: none"> ┌ Engineering Consultancy ┌ Components Procurement ┌ Tools Control ┌ Material Stock ┌ Project and Site ┌ QHSE ┌ Documentation Control

• Certificates

- ┌ GWO BST
- ┌ GWO Slinger Signaller, SLS
- ┌ Offshore Energies UK, OEUK
- ┌ TE 66kV Head Installer & Supervisor
- ┌ TE 72kV Installer
- ┌ Pfisterer 72.5kV Joiner
- ┌ Siemens Switchgear Cable Installation
- ┌ Tekmar Hang-off Assembly
- ┌ LS 66kV XLPE Cable Accessories
- ┌ Nexans Cable T-Connector Interface 72kV
- ┌ Level B Technician for Underground Power Cable Installation and Repair
- ┌ TPC (Taiwan Power Company) Work Permit
- ┌ 345kV Cross-linked PE Cable and Ancillary Equipment Engineering
- ┌ 69/161kV Cross-linked PE Cable and Ancillary Equipment Engineering
- ┌ Public Construction Quality Manager
- ┌ Occupational Safety and Health Affair Manager
- ┌ Hypoxia Operation Supervisor
- ┌ Level B Technician for Labor Health Management
- ┌ First Aider
- ┌ Scaffold and Working Platform Assembling Operation Supervisor
- ┌ 1-5 ton(s) Fixed-base/Mobile Crane Operator
- ┌ Crane Hoist Operator
- ┌ 1 ton above Forklift Operator



Premier from Taiwan
MV/HV/UHV Cable
Installation Company



Operation & Maintenance

Cable Contingency	TP	Survey
<ul style="list-style-type: none"> ┌ Ready to Act 24-7-365 ┌ Trained Technicians ┌ Troubleshooting ┌ Pinpointing and Repair ┌ Fault Analysis 	<ul style="list-style-type: none"> ┌ HV Cable Test ┌ LV Auxiliaries ┌ CCTV System ┌ Safety Equipment ┌ SRL & Fire Fighting 	<ul style="list-style-type: none"> ┌ FOU above Water ┌ Blade Internal ┌ Cable Scouring ┌ Cable Burial ┌ Cable MBS

Substation

HV Equipment	LV Auxiliaries	Others
<ul style="list-style-type: none"> ┌ Function Test ┌ Resistivity Test ┌ Conductivity Test ┌ Regular Maintenance ┌ Fault Interpretation ┌ PD Measurements 	<ul style="list-style-type: none"> ┌ Lights & Alarms ┌ Distribution Panels ┌ OVP ┌ Earthing System ┌ NAV Aids ┌ AIS 	<ul style="list-style-type: none"> ┌ Measurements ┌ Portable FiFi ┌ 1st Aid ┌ Signalisation ┌ SRL



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• About Us

Ho Lung concentrates on **Power Engineering** with professionalism, technique, and creativity. Continuously improving QHSE and training systems with equipment renewal, Ho Lung is the first and the only cable engineering company certified by ISO9001 / ISO45001 / ISO14001 in Taiwan, strengthening management systems and consolidating customer trust to meet international standards connecting with the world. Ho Lung aims to light up towns, brighten up cities, and power up our world.

When facing social and economic restructuring in Taiwan and challenges from the changing international market, by grasping the market pulse and taking the initiative to create a niche, Ho Lung develops **Solar Energy Engineering** and **Wind Energy Engineering** to devote ourselves to contributing to a green energy world as being a sustainable corporation.

• Cables Services



輸電(地下電纜)/配電

Electric Power Transmission (underground cable) & Distribution



電纜延放/接續/終端等安裝工程

Cable Laying, Jointing, Termination and related Installation Engineering



設計與安裝重電變壓器

Design and Installation of Heavy Electric Power Transformer



器材貿易：輸電/配電/變壓

Equipment Trading of Electric Power Transmission, Distribution and Transformer



電力品質相關測試：直交流耐壓/絕緣電阻/等

Test of Power Quality: DC/AC Voltage Withstand, Insulation Resistance, etc.

• O&M Services



電纜機電 Cable Electromechanical

維護計劃

Maintenance Plan

年度測試

Annual Testing

緊急搶修

Emergency Repair



風力機 Turbine Foundation

巡檢規劃

Inspection Method

葉片檢測

Blade Inspection

監控系統

Monitoring System



專案管理 Project Management

策略評估建議

Strategy Evaluation

執行程序撰寫

ITP Procedure

資產與供應鏈

Assets & Supply Chain

• Construction Site



• Onshore Projects

Construction

Turnkey UHV cable scope from Laying, Jointing, Terminating, Testing, and cable tray installation.

2017-2020 Dalin~Xingaogang

345kV 2,500 sqmm Cable
Total cable length is about 40,325 meters.
Under 40 meters depth of shaft and tunnel.

2018-2019 Tongxiao Power Plant

345kV 2500 sqmm Cable
Complicated environment and various equipment.
Beforehand project completion.

2014-2016 Dajiaxi Power Plant

161kV 2000 sqmm Cable
Repaired for 921 earthquake damage.
Honored by the Taiwan National Golden Award.

2012-2014 Wujia~Kaohsiung

345kV 2,500 sqmm Cable
The total length is about 12 km.
2 circuits with twin conductor cables in the complex environment.

O&M

50+ years' experience TPC Power Cable Projects

Performing yearly/random inspections and emergency repairs for countless Taiwan Power Company projects.

2016~2022 Taiwan High Speed Rail

Repair and Maintenance engineering of power system and roadside system.

Perform 2000+ cable joints yearly,
over half of market share!

• Offshore Wind Farm Projects

合隆參與全臺離岸風場專案實績

Ho Lung's Performance in Taiwan Offshore Wind Farms

