

心忠電業股份有限公司  
心忠學甲第一型太陽光電發電廠

## 赤道原則 THE EQUATOR PRINCIPLES

環境與社會影響評估報告  
Environmental and Social Impact Assessment Report

台灣德國萊因技術監護顧問股份有限公司  
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Rev No.	Rev. Date	Content/Changes
1	2020/04/10	
1.1	2020/06/16	

## 附錄 I 赤道原則 2019 附件 II 評估表

項目	評估結論
1. assessment of the baseline environmental and social conditions	已完成基本評估。
2. consideration of feasible environmentally and socially preferable alternatives	本案營運後，將可提升再生能源發電量，為對環境有利之方案。
3. requirements under host country laws and regulations, applicable international treaties and agreements including the 2015 Paris Climate Change Agreement	已彙整適用之法案並採取對應之管理措施。
4. protection and conservation of biodiversity (including endangered species and sensitive ecosystems in modified, natural and Critical Habitats) and identification of legally protected areas	本案場址非變遷過的棲息地、自然棲息地和重要棲息地中的瀕危物種和敏感生態系統。開發內容之環境影響評估報告已通過政府機關審查。
5. sustainable management and use of renewable natural resources (including sustainable resource management through appropriate independent certification systems)	本案營運後，將可提升再生能源發電量，為對環境有利之方案。
6. use and management of dangerous substances	本案無使用具人體與環境危害性物質。
7. major hazards assessment and management	已鑑別與評估重大危害源，並已規劃管理措施。
8. efficient production: total energy consumed per output scaling factor, delivery and use of energy	不適用。
9. pollution prevention and waste minimisation, pollution controls (liquid effluents and air emissions), and waste management	已建立廢棄物管理機制。
10. greenhouse gas emissions level and emissions intensity	已依據能源使用量完成碳排放計算。
11. water usage, water intensity, water source	用水源來自自來水公司管網，以生活用水與模組清洗用水為主。
12. land cover, land use practices	本基地深具設置太陽光電條件之土地，並有助於土地資源永續利用。
13. consideration of physical climate risks and adaptation opportunities, and of viability of Project operations under changing weather patterns/climatic conditions	本開發案主要以打設光電設施所需之基樁，其餘則維持現況樣貌，為低強度之開發。
14. cumulative impacts of existing Projects, the proposed Project, and anticipated future Projects	無影響。
consideration of actual or potential adverse	無影響。

Human Rights impacts and if none were identified, an explanation of how the determination of the absence of Human Rights risks was reached, including which stakeholder groups and vulnerable populations (if present) were considered in their analysis	
16. labour issues (including the four core labour standards), and occupational health and safety	均符合政府之法規要求。
17. consultation and participation of affected parties in the design, review and implementation of the Project	已鑑別利害關係人並有暢通之溝通管道。
socio-economic impacts	無影響。
19. impacts on Affected Communities, and disadvantaged or vulnerable groups	本案場址與鄰近之社區相距 2.2km，無影響。
20. gender and disproportionate gender impacts	無影響。
21. land acquisition and involuntary resettlement	土地使用已取得地主同意。
22. impacts on Indigenous Peoples, and their unique cultural systems and values including impacts to lands and natural resources subject to traditional ownership or under customary use	本案-學甲區宅子港段及學甲寮段共 127 比地號之土地騰本，均非原住民保留地，因此對原住民文化沒有影響。
23. protection of cultural property and heritage	本案廠址無文化遺產。
24. protection of community health, safety and security (including risks, impacts and management of Project's use of security personnel)	已規劃相關管理措施。
25. fire prevention and life safety	已建立防災計畫。