

CLP Internship Programme 2023

Project Outline - Energy Engineering

Project Code	EN_SUM_01	
Project Detail	Internship Category	Summer
	Internship Period	Jun/2023 to Aug/2023
	Preferred Discipline	<p>First Preference:</p> <ul style="list-style-type: none"> Sustainable Energy Engineering <p>Other Preference:</p> <ul style="list-style-type: none"> Electrical Engineering
	Project Name	Utility Scale Battery Energy Storage System
	Business Objective(s)	<ul style="list-style-type: none"> To provide primarily support to the engineering team in the design review process and take ownership of certain tasks in the development of battery energy storage system for integration to the Hong Kong grid To provide support to the project controls team in the reporting and controls, lessons learned and co-ordination of project management activities
	Project Description	<ul style="list-style-type: none"> The intern will join the project development engineering team Exact role will be dependent on the status of the project development at the time of the internship, but in general the activities could involve assisting the engineering team to: <ul style="list-style-type: none"> Prepare scopes of work for engineering studies and oversee the output from the studies Check existing plant parameters for the integration of BESS (e.g. power, controls, grid integration, system communications, etc) Reviewing front end engineering designs and preparation of specifications Organize workshops and prepare presentations in the interests of stakeholder engagement
Required Skills	Interest in energy decarbonisation and demonstration of relevant module(s) undertaken in their chosen degree.	

CLP Internship Programme 2023

Project Outline - Energy Engineering

Project Code	EN_SUM_02	
Project Detail	Internship Category	Summer
	Internship Period	Jun/2023 to Aug/2023
	Preferred Discipline	<p>First Preference:</p> <ul style="list-style-type: none"> • Engineering <p>Other Preference:</p> <ul style="list-style-type: none"> • Business, Relevant science subject
	Project Name	Project Management Reporting Streamline
	Business Objective(s)	<ul style="list-style-type: none"> • Support the effective implementation of project management system for new build projects • Streamline the project management reporting process, review process workflow and plan
	Project Description	<ul style="list-style-type: none"> • Provide coordination and analytical support to project managers • Assist the creation and update of project documentation (e.g. project charter, project schedule, budget, risk and issues log, status reports etc.) • Collaborate cross-functionally with project managers, internal and external stakeholders to manage project issues and risks • Assist in ad hoc and special projects as requested by management
Required Skills	<ul style="list-style-type: none"> • Proficiency in MS Office Suite • Good communication and writing skills in English and Chinese • Good analytical, critical thinking and problem-solving skill • General knowledge of project management process 	

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Project Outline - Energy Engineering

Project Code	EN_SUM_03	
Project Detail	Internship Category	Summer
	Internship Period	Jun/2023 to Aug/2023
	Preferred Discipline	First Preference: <ul style="list-style-type: none"> • Engineering Other Preference: <ul style="list-style-type: none"> • Relevant science subject
	Project Name	Asset Management - Performance Monitoring and Reporting
	Business Objective(s)	Streamline the business processes and workflows.
	Project Description	<ul style="list-style-type: none"> • Support business reporting, strategic planning and budgeting • Assist in the ongoing performance review of assets as well as analysis of potential optimization projects/actions • Provide support to asset management team including interfacing with various functions such as legal, finance, IT, procurement etc. • Support in ad hoc projects as assigned by supervisors
	Required Skills	<ul style="list-style-type: none"> • Basic understanding of renewable energy technology and market • Good analytical, problem solving and communication skills • Proficient in MS Office Suite