

Project Code	EN_SUM_1	
Project Details	Internship Category	Summer
	Internship Period	June 2019 to August 2019
	Preferred Disciplines	First Preference: Chemical Engineering Other Preference: Mechanical Engineering
	Project Name	Application of Biodiesel in GBG
	Business Objective(s)	<ul style="list-style-type: none"> To switch from ULSD (traditional fossil fuel) to biodiesel (energy from waste) for power generation units in GBG, obtaining extra incentive from Renewable Energy in SoC and reducing CLP's carbon footprint.
	Project Descriptions	<ul style="list-style-type: none"> Coordinate feasibility study of biodiesel (switching from ULSD) for power generation units in GBG. Participate in the project of switching to biodiesel from ULSD for CPPS coal fired units. Assist in other tasks for the "energy from waste" initiative.
	Project Deliverables	<ul style="list-style-type: none"> Participation in development of biodiesel feasibility study for power generation units in GBG. Successful application of biodiesel for power generation units in GBG, participating in project implementation.
	Required Skills	<ul style="list-style-type: none"> Understanding of power plant systems Communication and project management skills
Learning	<ul style="list-style-type: none"> Hands on implementation of waste to energy project Design skills for power plant/ fuel oil systems 	