CURRICULUM ALIGNMENT – Baseload vs. Peak Demand

Saskatchewan

Grade	Course Name and Number	Unit/Module	Specific Outcome
10, 11, 12	Energy and Mines 10, 20, 30	Module 1: Introduction to Energy and Mines (Core)	**Learning Objective 1.1:** To review forms and sources of energy in the context of human activity.
10, 11, 12	Energy and Mines 10, 20, 30	Module 1: Introduction to Energy and Mines (Core)	**Learning Objective 1.2:** To become familiar with Internet resources pertaining to human use of renewable and non-renewable energy resources.
10, 11, 12	Energy and Mines 10, 20, 30	Module 4: Sustainability (Core)	**Common Essential Learning:** To articulate, examine and debate the ethical and social impact of alternative courses of action.
10, 11, 12	Energy and Mines 10, 20, 30	Module 4: Sustainability (Core)	**Common Essential Learning:** To gather and interpret information on complex social and environmental issues from a variety of primary and secondary sources.
10, 11, 12	Energy and Mines 10, 20, 30	Module 4: Sustainability (Core)	**Foundational Objective:** To foster an attitude of environmental responsibility.
11	Social Studies 20	Unit 3 Concept: Environment	**Foundation Objective:** Know that the power of technology affects both the natural and social environments and has consequences attached to its use.
11	Social Studies 20	Unit 3 Concept: Environment	**Foundation Objective:** Learn the steps of the problem-solving process: define and understand the problem; generate solutions to the problem; define goals and establish criteria to evaluate the available alternatives; decide upon a course of action; decide on a plan to determine whether the course of action is successful; and, decide whether the results of the action plan meet the criteria established to solve the problem.
12	Physics 30	Core Unit IV: Nuclear Physics B: Nuclear Reactors	**Learning Outcome 12:** Suggest how environmental concerns regarding the use of non-nuclear methods of electrical generation might be alleviated with the use of nuclear energy.