

# CURRICULUM ALIGNMENT – Baseload vs. Peak Demand

## New Brunswick

Grade	Course Name and Number	Unit	Specific Outcome
9	Science 9	Unit 2: Atoms and Elements	<b>Specific Curriculum Outcome 111-1:</b> Provide examples of scientific knowledge that have resulted in the development of technologies.
9	Science 9	Unit 3 Physical Science: Characteristics of Electricity	<b>Specific Curriculum Outcome 210-8:</b> Evaluate evidence and sources of information when conducting research on electrical energy production and its impact on the environment.
9	Science 9	Unit 3 Physical Science: Characteristics of Electricity	<b>Specific Curriculum Outcome 113-6, 210-8:</b> Select recent data while conducting research on the environmental problems associated with various types of electrical energy production.
9	Science 9	Unit 3 Physical Science: Characteristics of Electricity	<b>Specific Curriculum Outcome 112-7:</b> Provide examples of how science and technology affect their lives and their community.
9	Science 9	Unit 3 Physical Science: Characteristics of Electricity	<b>Specific Curriculum Outcome 308-18:</b> Domestic power consumption costs: – watt as a unit of power ( $1 \text{ W} = 1 \text{ J/s}$ ).
9	Science 9	Unit 3 Physical Science: Characteristics of Electricity	<b>Specific Curriculum Outcome 113-9, 113-13:</b> Propose a course of action that reduces the consumption of electrical energy.
9	Science 9	Unit 3 Physical Science: Characteristics of Electricity	<b>Specific Curriculum Outcome 211-2:</b> Communicate questions, ideas, intentions, plans and results using lists, notes in point form, sentences, data tables, graphs, drawings, oral language and other means.
9	Science 9	Unit 3 Physical Science: Characteristics of Electricity	<b>Specific Curriculum Outcome 113-9:</b> Make informed decisions about applications of science and technology, taking into account environmental and social advantages and disadvantages.
9	Science 9	Unit 3 Physical Science: Characteristics of Electricity	<b>Specific Curriculum Outcome 113-13:</b> Propose a course of action on social issues related to science and technology, taking into account human and environmental needs.
12	World Issues 120	Technological Change	<b>Key Question:</b> What has been the impact of technological advancement on the environment?
12	Introduction to Environmental Science 120	Unit 3: Investigating Environmental Issues (5. Energy Resources)	Describe energy use in NB, its impact on the environment and the factors that might affect its future.