

BChydro 
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SUSTAINABLE COMMUNITIES PROGRAM

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District Energy Program



LEAD THE WAY

To a sustainable future.

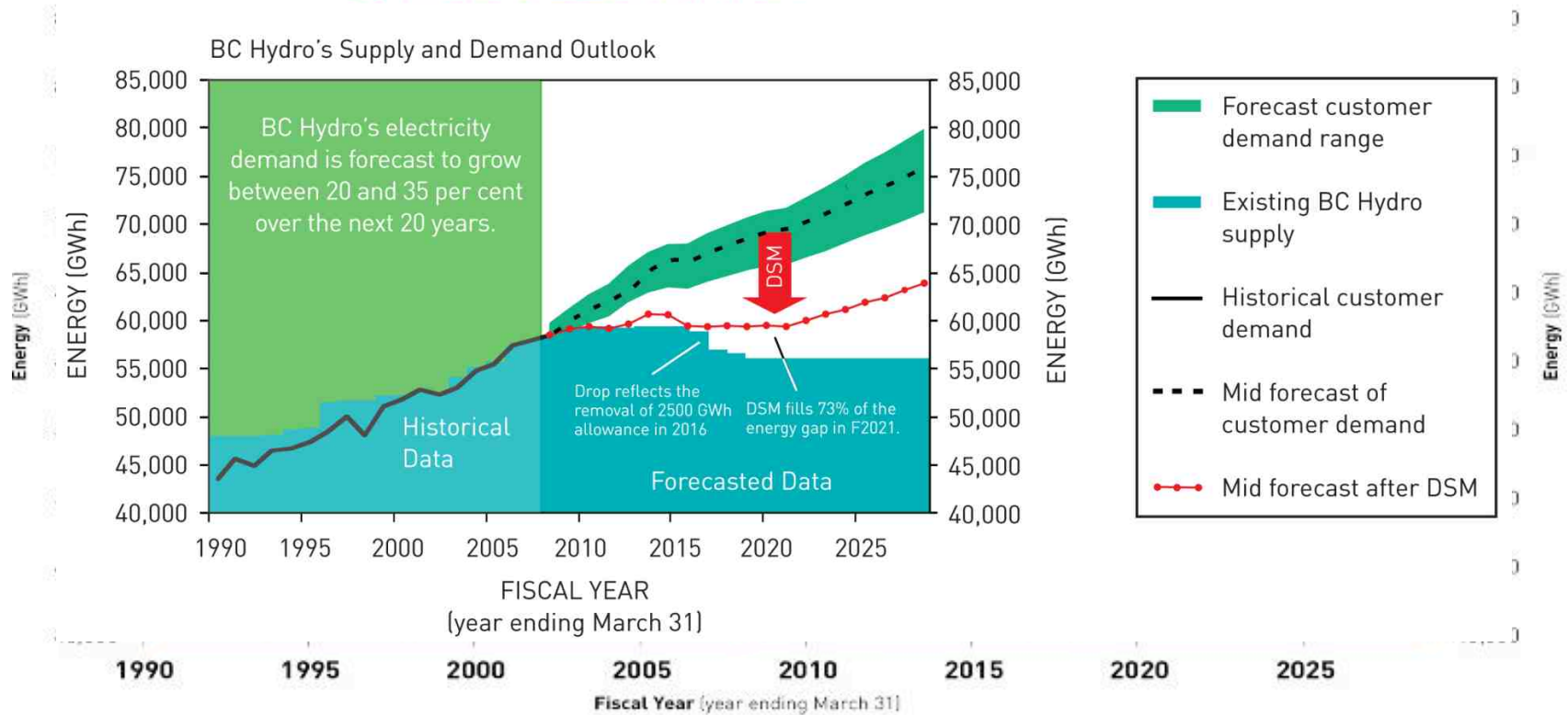
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CONTEXT

BC'S GROWING ELECTRICAL NEED



BC HYDRO'S ELECTRICITY GAP



SUSTAINABLE COMMUNITIES PROGRAM



- Power Smart's newest program
- Focus is on emissions reductions and electrical energy conservation
- Program objective is to provide funding and resources towards:
 - Encouraging local governments to incorporate sustainable energy planning into their land use and infrastructure processes
 - Implementation of district energy projects

THE 3 P'S FUNDING AVAILABLE



Planning

- Community Energy & Emissions Plan (CEEP)
- Energy Design Charrettes

People

- Community Energy Manager (CEM)

Projects

- Pre-Feasibility Studies
- Feasibility Studies
- Capital Incentives

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SUSTAINABLE COMMUNITIES PROGRAM



District Energy
SYSTEM

DISTRICT ENERGY OFFER DESCRIPTION



Funding is available for:

- 1) Pre-feasibility district energy studies
- 2) Feasibility district energy studies
- 3) Capital incentives for implementation of district energy projects



DISTRICT ENERGY FUNDING



Tool	Funding
Pre-feasibility study	Up to 50% of study cost to a maximum threshold
Feasibility study	Up to 50% of study cost to a maximum threshold
Capital incentive for project implementation	Under development

DISTRICT ENERGY

Ideal Systems



- Lead to a reduction in energy (electricity) as well as a reduction in GHGs
- Will not result in any increase in gas consumption at full build-out of the project
- Include a renewable fuel source at full build out
- Will investigate combined heat and power opportunities
- Will be assessed using a multi-objective or triple bottom-line analysis

Thank You

Further details at

www.bchydro.com/sustainablecommunities

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