

General information							
<b>Application:</b> 30625-A001	<b>Registered:</b> 2026/02/12						
<b>Status:</b> Registered							
The applicant certifies that the information provided here and in all supporting documentation is correct and in accordance with all regulatory requirements or as directed by the Alberta Utilities Commission.							
Applicant information							
Primary applicant							
<b>Applicant name:</b>	Synapse Real Estate Corp						
<b>Primary contact:</b>	Jason Van Gaal						
<b>Email:</b>	jason@synapsedatacenter.com						
<b>Telephone:</b>	(613) 797-3311						
Application information							
<b>Application description:</b>	Synapse Real Estate Corp, is seeking approval to construct and operate the Synapse Data Center, a 1.4GW (nominal capacity) natural gas-fired power plant with an attached 1GW Data Center.						
<b>Functional group:</b>	Electric facilities						
<b>Application category:</b>	Power generation						
<b>Application type:</b>	Power plant						
<b>Application type description:</b>	Applications for the construction, operation or alteration of power generation and associated facilities from any energy source including wind or solar.						
Contact information for the applicant representative to be included on the AUC notice:							
	<table border="1"> <tr> <td><b>Name:</b></td> <td>Jason van Gaal</td> </tr> <tr> <td><b>Phone number:</b></td> <td>(438) 842-1868</td> </tr> <tr> <td><b>Email address:</b></td> <td>jason@synapsedatacenter.com</td> </tr> </table>	<b>Name:</b>	Jason van Gaal	<b>Phone number:</b>	(438) 842-1868	<b>Email address:</b>	jason@synapsedatacenter.com
<b>Name:</b>	Jason van Gaal						
<b>Phone number:</b>	(438) 842-1868						
<b>Email address:</b>	jason@synapsedatacenter.com						
<b>Applicant's reference number:</b>							
Legislation							
<b>Legislation:</b>	<a href="#">HYDRO AND ELECTRIC ENERGY ACT (Ch.H-16, RSA 2000)</a>						
<b>Legislation section:</b>							
AUC rule							
<b>AUC rule:</b>	Rule 012 Noise Control						
<b>Rule section:</b>	<a href="https://www.auc.ab.ca/rules/rule012/">https://www.auc.ab.ca/rules/rule012/</a>						
<b>AUC rule:</b>	Rule 007 Applications for Power Plants, Substations, Transmission Lines, Industrial System Designations, Hydro Developments and Gas Utility Pipelines						
<b>Rule section:</b>	<a href="https://www.auc.ab.ca/rules/rule007/">https://www.auc.ab.ca/rules/rule007/</a>						
Quadrant(s)							
<b>Quadrant:</b>	Central						

Rule 007 power plant application							
<b>1 . Provide the names of all other companies having ownership in the project, details of their incorporation, and the share in the project that each would have.</b>							
Company		Percentage			Details		
Synapse Real Estate Corp		99			Federally Incorporated with Alberta Provincial Registration		
<b>Total other ownership:</b>					99%		
<b>2. What is the energy source of the power plant?</b>					Gas - thermal		
<b>3. What type of generator will be used at the power plant?</b>					Synchronous		
<b>4. Total capability of power plant (MW):</b>					1400		
<b>4a) Nominal (name plate) capability of generating unit (MW):</b>					50		
<b>4b) Number of generating units:</b>					20		
<b>5. Expected power plant in-service date:</b>					2026/09/30		
<b>6. Provide the location of the proposed power plant site:</b>							
For urban locations, provide the lot, block and plan number:							
Lot		Block			Plan		
For all locations, provide the legal description for each generating unit:							
Unit #	Legal subdivision	Section	Township	Range	Meridian	Latitude	Longitude
sw	3	4	33	1	5	51.795100	-114.077200
nw	16	4	33	1	5	51.806100	-114.068000
<b>7. Is the energy produced to be used solely by the power plant owner?</b>					Yes		
<b>8. Will the power plant be connected to the Alberta Interconnected Electric System?</b>					No		
<b>8a) Voltage level of connection (kV):</b>							
<b>8b) Provide the name of the utility company to be connected to:</b>							
<b>8c) Do you have an agreement from the utility company for connection?</b>							
<b>8d) Is there an application for connection accompanying this power plant application?</b>							
<b>9. Will you attach a noise impact assessment, as per Rule 012: Noise Control?</b>					Yes		
<b>10. Will you attach a noise impact assessment summary form, as per Rule 012: Noise Control?</b>					Yes		
If you answer no, please explain:							
<b>11. Have you conducted a participant involvement program?</b>					Yes		
If you answer no, please explain:							
<b>12. Are there outstanding public or industry objections and/or concerns?</b>					No		