

**APPLICATION SUMMARY**  
**Replacement Power**

<b>Company:</b>	SiGNa Chemistry, Inc.
<b>Location:</b>	Wheatfield (potential site)
<b>County:</b>	Niagara
<b>IOU:</b>	National Grid
<b>Business Activity:</b>	Manufacturer of chemical powders and fuel cartridges
<b>Project Description:</b>	SiGNa proposes to invest \$9.5 million over 5 years to create a manufacturing plant to produce sodium silicide power and fuel cartridges for the portable fuel cell, industrial chemical and oil recovery industry.
<b>Existing Allocations:</b>	None
<b>Power Request:</b>	2,500 kW
<b>Power Recommended:</b>	2,500 kW
<b>Job Commitment:</b>	50
<b>Existing:</b>	0
<b>New:</b>	50
<b>New Jobs/Power Ratio:</b>	20 jobs/MW
<b>New Jobs – Avg. Wage and Benefits:</b>	\$53,950
<b>Capital Investment:</b>	\$9.5 million (over 5 years)
<b>Capital Investment/MW</b>	\$3.8 million/MW
<b>Other ED Incentives:</b>	Investigating opportunities with NYSERDA and ESD
<b>Summary:</b>	SiGNa is proposing to create a new manufacturing plant to support its green product growth strategy. The company has a significant cost of electricity in its production process. An allocation of hydropower is critical to choosing WNY over expanding its contract manufacturing in Tennessee, Utah, and Wisconsin.