



## Efficiency NB Stimulus Funding Summary

Company	Project Descriptions	Total Project Cost	GHGs (tonnes)	Energy savings (TJ)	Stimulus Funding
<b>AV GROUP</b>	(5 Projects) AV Cell will reduce the need for steam generation by improving efficiency in its presses, reducing steam losses in the digester and by recovering heat from hot wastewater. These steam reduction projects as well as AV Nackawics boiler efficiency project will reduce the amount of fuel needed each year creating savings of \$1.3million/yr. In addition, AV Cell will be improving its use of incoming electricity, by increasing this electrical efficiency, resulting in annual savings of \$ 200,000.	\$4,406,490	37,249	74.5 TJ 20% electric 80% fuel	\$856,200
<b>JD Irving</b>	(4 Projects) Irving Paper, Irving Pulp and Paper and Irving Tissue are all carrying out large heat recovery and steam reduction projects. In all cases, excess heat from waste streams is captured and transferred to other processes needing heat. This significantly reduces the amount of fuel burned to heat these other processes resulting in total annual savings of \$ 4.6 million. Lake Utopia Paper is using biomass fuel to displace oil and natural gas in its boiler. The project will essentially remove the need for fossil fuel at Lake Utopia Paper and lower the cost of steam generation resulting in annual savings of \$7.0 million.	\$46,549,000	107,019	1799 TJ 100% fuel	\$2,000,000
<b>McCain</b>	(2 Projects) The McCain Foods in Florenceville will be transferring waste heat energy from the blancher overflow water to the fresh water going into the blancher. This will reduce the amount of fuel burned to heat the blancher water driving energy savings of \$85,000/yr . McCain Foods Grandfalls will undergo a lighting retrofit which will realize a 47% reduction in lighting costs.	\$1,028,961	9,128	17 TJ 47% electric 53% fuel	\$400,884
<b>Fraser Papers</b>	(3 Projects) Fraser Papers in Edmundston will be undergoing three different pump projects which will optimize pressure and flow in critical process area. These projects will reduce electrical consumption and drive energy savings of over \$100,000 per year.	\$204,000	1,470	6.4 100% electric	\$83,055
<b>Group Savoie</b>	(1 Project) Group Savoie will undergo the replacement of old inefficient compressors at with a single new high-efficiency variable speed drive compressor of 200HP at the sawmill and pallet mills	\$119,507	414	1.8 TJ 100% electric	\$40,000
<b>Marwood</b>	(1 Project) Marwood will be replacing an oversized air compressor and optimizing air delivery throughout their lattice making operations.	\$34,000	105	0.5 TJ 100% electric	\$13,600
<b>Total</b>		<b>\$46,984,451</b>	<b>155,385</b>	<b>1,899</b>	<b>\$3,393,739</b>