

## Kalina expands its IP portfolio with new patent granted in Canada

- Canadian patent application granted. This protection of intellectual property is titled Systems and Methods for Increasing the Efficiency of a Kalina Cycle®.
- The timing coincides with the new Canadian Government announcing an intention to aggressively address the potential for reduction in the carbon footprint of Canadian industries.
- The same patent has been granted in other important markets for Kalina including the U.S., Japan and China.
- The Kalina Cycle now has 14 different patent families representing over 150 granted patents.

Kalina Power Limited (the “Company” or “Kalina”) is pleased to confirm that it has expanded its growing intellectual property portfolio with the recent approval for its Canadian patent application. This patent, titled Systems and Methods for Increasing the Efficiency of a Kalina Cycle®, is granted in Canada, the U.S., Japan and China. It is expected to be granted in the EU shortly and in Indonesia and Philippines in the coming months. Each of these territories in which the patent has been granted, or is expected to be granted, form large markets for the Kalina Cycle in both Energy Efficiency and Geothermal applications.

This recent patent being granted in Canada is of particular interest at a time when applications for the Kalina Cycle throughout Canada appear to be well suited to the publicly announced intention from the new federal government to aggressively address environmental issues. This includes taking steps to reduce the carbon footprint of Canadian industries; specifically in the oils sands sector.

Kalina has continued to expand its intellectual property over the years since the original filing of patents relating to the Kalina Cycle and now has 14 different patent families representing over 150 granted patents. The Company is constantly improving its technology and adding to its intellectual property portfolio with new inventions and amassing a tremendous body of proprietary know-how and process knowledge.

This new patent relates to a further increase in efficiency with a Kalina Power plant control system monitoring one or more operating parameters and the system then calculating the optimal operating parameter that allows the Kalina system to operate at an increased efficiency. The system automatically adjusts the one or more actual operating parameters to the optimal parameters to increase the efficiency of the Kalina Cycle.

### ***About Kalina Power Limited:***

Kalina Power Limited provides turnkey power solutions using the Kalina Cycle technology. The Kalina Cycle is more efficient than other competing technologies in taking heat and generating electricity in certain projects; especially where low temperature waste heat is used. Kalina Cycle has been deployed at 15 projects around the world in a variety of applications utilizing waste heat and geothermal heat sources.

Kalina can provide cost effective power projects to organizations also looking to reduce their carbon footprint.

To learn more about the Company and the Kalina Cycle technology visit [www.kalinapower.com](http://www.kalinapower.com)

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