

YMCA YOUTH LEGISLATURE OF THE STATE OF MONTANA

_____ Bill Number _____

Legislative Action:

Introduced by: Stephan Morris
Authored by: Stephan Morris

House Committee: _____

House: _____

Senate Committee: _____

Senate: _____

Delegation: Bozeman

Governor: _____

Referred to Committee: _____

1 A BILL FOR AN ACT ENTITLED: "An act to implement a GT-MHR (Gas Turbine Modular
2 Helium Reactor) in Montana to provide the entire state with clean efficient energy"

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4 BE IT ENACTED BY THE MONTANA YMCA YOUTH LEGISLATURE:

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6 **Section 1 Intent.** The GT-MHR (Gas Turbine Modular Helium Reactor) is a nuclear
7 power plant that is unlike any of its predecessors. With many people unsure of nuclear energy,
8 and its potential safety hazards, the GT-MHR is the best. The GT-MHR is 100% meltdown
9 proof, because it is cooled by extremely cold helium gas, thus preventing any such nuclear
10 meltdown. Another key feature is that there is no risk of nuclear proliferation. The GT-MHR use
11 Uranium 238 and plutonium, both yielding highly radioactive by products. However, the GT-
12 MHR recycles and reuses waste up to 90% of its original quantity and mixes lead into the waste
13 products making them unusable for weapons of any sort. The GT-MHR is an extremely efficient
14 effective power source and could generate enough electricity for all of Montana and probably
15 would result in a surplus. Using a GT-MHR would create 1000's of jobs and would eliminate the
16 use of polluting inefficient coal-fired power plants. Not to mention, the GT-MHR is carbon
17 emission free. The GT-MHR would guarantee Montanans clean and cheap energy.

18 **Section 2 Action.** To realize this bill, we would need time and effort. The best location
19 to build a GT-MHR is north east of Helena. This would be an effective central location, thus
20 distributing power easily to all of Montana. The average time to build a GT-MHR is 8-9 years.
21 Within that time we would experience huge economic growth.

22 **Section 3 Funding.** A GT-MHR costs around 15 billion dollars. Montana would get the
23 funding from taxes on fossil fuels and natural gas. The price would possibly be lowered by
24 subsidies. The payback will be huge, 100 years of clean efficient energy 1000's of jobs and a
25 healthier environment.

26 **Section 4 Enactment.** This bill will be enacted upon passage.

27 **-end-**