

# Comparison of the Four Leading Small Generator Interconnection Procedures

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# What the report does

- Reviews the leading distributed generation interconnection procedures used as models by state regulators:
  - FERC’s Small Generator Interconnection Procedures
  - California’s Rule 21
  - MADRI’s Model Small Generator Interconnection Procedures (Mid-Atlantic Demand Resource Initiative)
  - IREC Model Interconnection Standards
- Grades these four procedures using 16 “best practices” criteria used for state procedures analysis in *Freeing the Grid 2008*, with point-by-point discussion
- Recommends approach for state regulators to use to develop procedures



# Freeing the Grid Criteria

1. Eligible technologies
2. System capacity
3. Breakpoints
4. Timelines
5. Interconnection charges
6. Engineering charges
7. External disconnect switch
8. Certification process
9. Technical screens
10. Spot networks
11. Area networks
12. Standard form agreement
13. Insurance requirement
14. Dispute resolution process
15. Rule coverage
16. Miscellaneous



# Conclusions & Recommendation

- All four score well on key criteria – eligible technologies, system capacity, standard form agreements
- All but FERC score well for insurance
- CA Rule 21 scores best on fees
- IREC Procedures score higher on network interconnections, dispute resolution, disconnect switch, breakpoints (non-exporter category)
- All four are functional; IREC Procedures get an “A”, CA Rule 21 gets a “B”, other two get “C”s
- Recommends any of the four as starting point, then modify using *Freeing the Grid* criteria for guidance



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- Report will be available in late October at [www.solarabcs.org/interconnection](http://www.solarabcs.org/interconnection)
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