

General Guidance to Technical Assistance Tiger Teams



DOE Objectives

- 1) Develop comprehensive city approach to solar implementation
- 2) Widespread increase in solar power use
- 3) Large-scale solar installation
- 4) Reduction in market barriers
- 5) Create city-level incentives
- 6) Increase public awareness
- 7) Include solar curriculum in public schools
- 8) Integrate solar energy into city preparedness
- 9) Serve as models for other cities



Solar Cities Objectives

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Comprehensive City Approach

Suggested Tiger Team Activities:

- Solar technology information implementation
- Solar technology workshops
- Other city plans/experiences

Potential pitfalls to avoid:

- Excursions outside technical areas
- Exceeding available resources



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Widespread Increase Solar Power Use

Suggested Tiger Team Activities:

- Site assessments and solar technology surveys
- Solar applications and system concepts
- Performance modeling
- Engineering economic analysis
- Advise on and creation of analytical tools

Potential pitfalls to avoid:

- Becoming apparently biased
- Exceeding available resources
- Compromising technical credibility
- Becoming insensitive to industry concerns



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Large Scale Solar Installation

Suggested Tiger Team Activities:

- Technical specifications for projects
- Proposal review, including engineering analysis
- Advise on commissioning
- Consulting on system monitoring

Potential pitfalls to avoid:

- Exceeding available resources
- Intervening between the customer and supplier
- Compromising technical integrity/credibility



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Reduce Market Barriers

Suggested Tiger Team Activities:

- Solar technology information/consultation
- Reference to other cities' experiences
- References to other resources

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Create Solar Incentives

Suggested Tiger Team Activities:

- Solar technology information/consultation
- Reference to other cities' experiences
- References to other resources

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Increase Public Awareness of Solar

Suggested Tiger Team Activities:

- Solar technology information/consultation
- Reference to other cities' experiences
- References to other resources
- Review educational materials

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Solar Curriculum in Schools

Suggested Tiger Team Activities:

- Solar technology information/consultation
- Reference to other cities' experiences
- References to other resources
- Provide info on historical successes, case studies
- Create some technical materials

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Integration; Plan for Emergencies

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Serve as Models for Other Cities

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- References to other resources
- Provide info on historical successes, case studies
- Create some technical materials

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