

Core Group Meeting to discuss Standard and Default DSM Plan

23 & 24 August 2001 and 27 September 2001

APPENDIX C – Summary of DSM Plans

- Identification of Standard DSM Plan

Programs	Technology/Practice		Target Customers			Related Activities	Load Shape Objective	
	Base	DSM		Com	Ind			Oth
1. High-efficiency CFL Lighting Program	Incandescent lamp	High Efficiency (ELI-compliant) Compact Fluorescent Lamp	✓	✓			Information Campaign, CFL Leasing/ Installment	Clipping, Conservation, Flexible
2. High-efficiency Linear Fluorescent Lighting Program	T-12 Fluorescent Lighting w/ electromagnetic ballast	High Efficiency Fluorescent Lighting w/ high-frequency low-loss electronic ballast	✓	✓	✓		Lighting Retrofit	Clipping, Conservation, Flexible
3. High-efficiency Streetlighting	Mercury Vapor Streetlighting	HPS Streetlighting				✓	New streetlighting projects	Clipping, Conservation, Flexible
4. HVAC - Rm AC/Ref	Low EER models	High EER models	✓				Information Campaign	Conservation, Clipping

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Programs	Technology/Practice		Target Customers			Related Activities	Load Shape Objective	
	Base	DSM		Com	Ind			Oth
- AC Maintenance	Lack of regular maintenance	Improved efficiency due to maintenance	✓	✓	✓		Info campaign, maintenance activity	Conservation, Clipping
5. Motor Efficiency Program	Low efficiency motors	High efficiency/variable speed drive motors		✓	✓		Info campaign, ESCO	Conservation, Clipping
6. Power Factor Correction	Low Power Factor, High Inductive Loads	High Power Factor Loads, New capacitors		✓	✓		Info Campaign, ESCO	Clipping
7. Energy Audit	Wasteful technologies and practices	Energy efficient technologies and practices	✓	✓	✓		Energy Audit	Conservation, Clipping, Load shifting, Flexible, Valley filling, Load development

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	Base	DSM		Com	Ind			Oth
8. Consumer Efficiency Awareness Program	Lack of knowledge on Energy Conservation/Efficiency	Increased knowledge on Energy Conservation/Efficiency	✓				Info campaign (not to duplicate concurrent info campaigns), Educational Campaign in schools	Conservation

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Note to be included in Minutes

- *Load Shifting (On-peak to off-peak)* and *Valley Filling Programs* may be proposed by utilities under their Customized DSM Plan
- Core group to endorse *Off-peak Load Development Programs* for small island utilities

Mechanics for Standard DSM Plan:

- Utility is to select a minimum of three programs
- Standard Plan to be implemented within three years from date of approval
- Recommended Timeframe:
 - 120 calendar days preparation of Plan and approval by utility board/management from date of approval of DSM amendments by ERC
 - 120 calendar days review and approval by ERC

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- Identification of Default DSM Plan

Programs	Technology/Practice		Target Customers			Related Activities	Load Shape Objective	
	Base	DSM		Com	Ind			Oth
1. High-efficiency CFL Lighting Program	Incandescent lamp	High Efficiency (ELI-compliant) Compact Fluorescent Lamp	✓				Information Campaign, CFL Leasing/ Installment	Clipping, Conservation, Flexible
2. High-efficiency Linear Fluorescent Lighting Program	T-12 Fluorescent Lighting w/ electromagnetic ballast	High Efficiency Fluorescent Lighting w/ high-frequency low-loss electronic ballast		✓	✓		Lighting Retrofit	Clipping, Conservation, Flexible
3. Power Factor Correction	Low Power Factor, High Inductive Loads	High Power Factor Loads, New capacitors		✓	✓		Info Campaign, ESCO	Clipping

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Programs	Technology/Practice		Target Customers			Related Activities	Load Shape Objective	
	Base	DSM		Com	Ind			Oth
4. Consumer Efficiency Awareness Program	Lack of knowledge on Energy Conservation/Efficiency	Increased knowledge on Energy Conservation/Efficiency	✓	✓	✓	✓	Info campaign (not to duplicate concurrent info campaigns), Educational Campaign in schools	Conservation

Mechanics of Default DSM Plan:

- Utility is considered under Default Plan after a 15-calendar day grace period from deadline of submission of Standard Plan
- All four programs under the Default DSM Plan must be implemented by the utility
- Default Plan to be implemented within three years from date of approval
- Recommended Timeframe:
 - 120 calendar days preparation of Plan and approval by utility board/management from date of approval of DSM amendments by ERC
 - 120 calendar days review and approval by ERC.