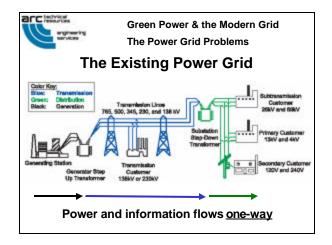


"Distinguished Lecturer" program

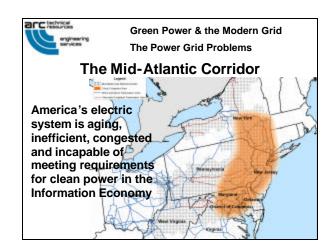
Green Power & the Modern Grid

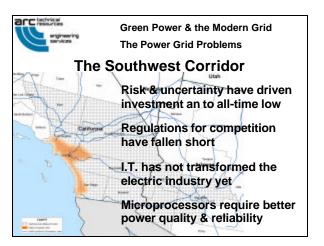
Jerry Ramie
ARC Technical Resources, Inc.

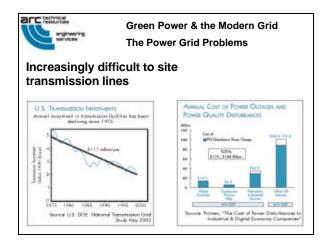


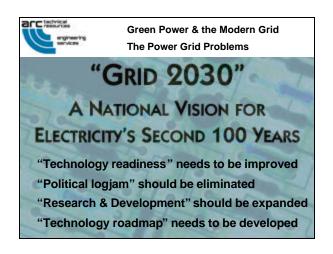


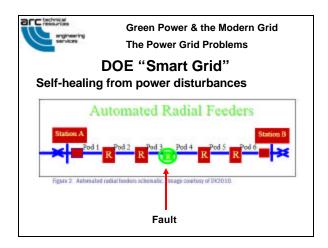


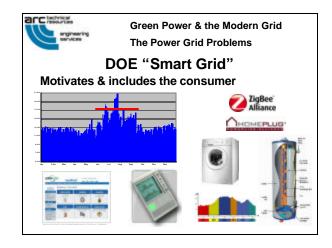


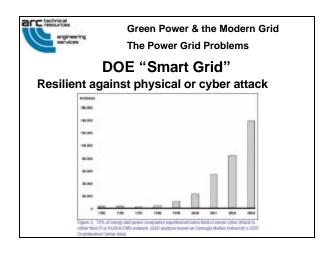


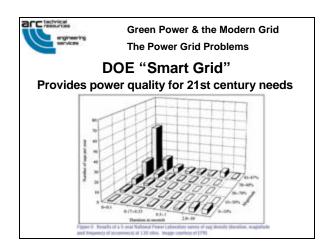


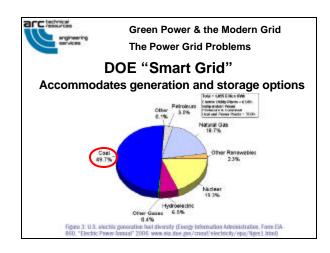


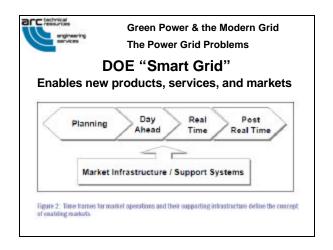


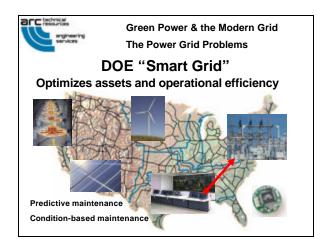










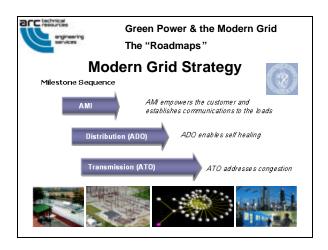


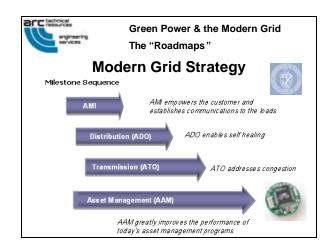


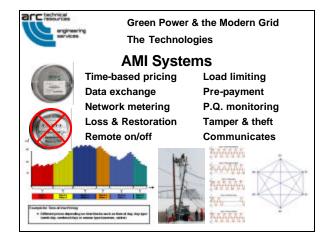




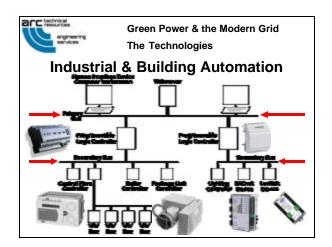


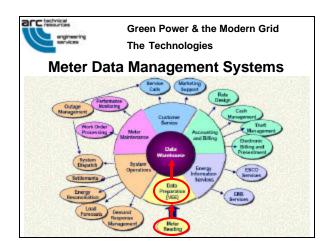


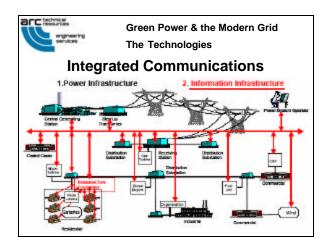


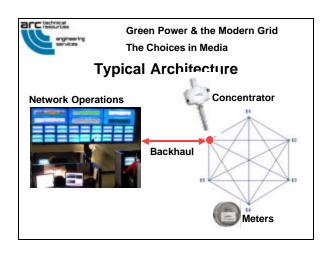


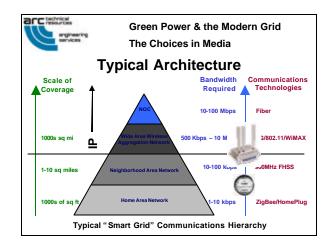




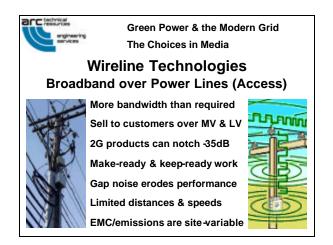






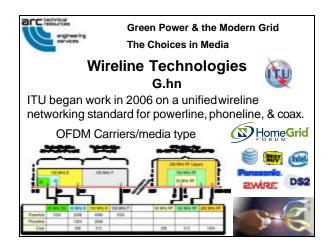










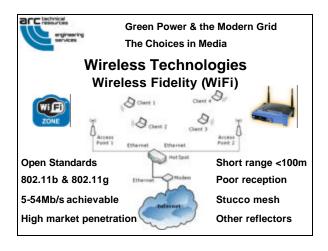




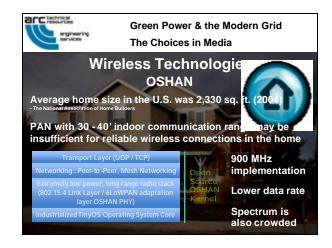


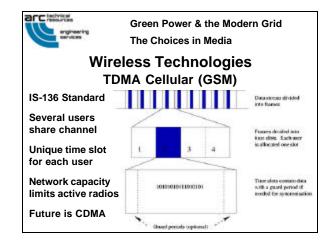








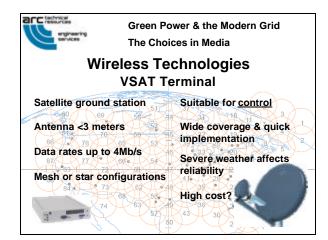


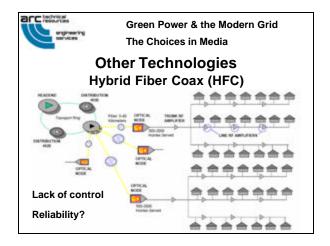


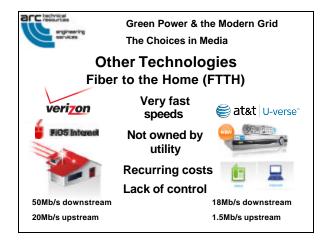


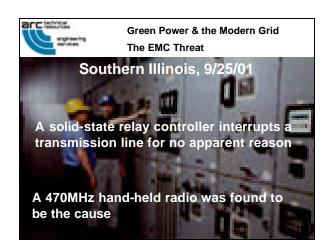


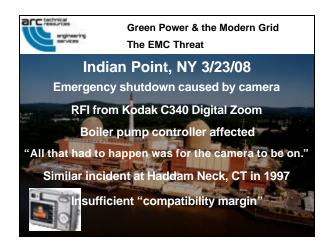


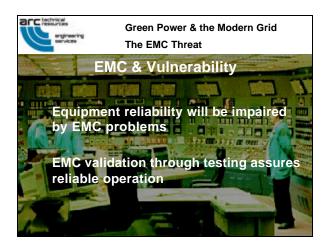














arc technical engineering services	Green Power & the The EMC Threat	ne Modern Grid
IEC (Seneric Stan	dards
Van Carlo Caldina	Emissions	Immunity
Conducted	EN 55011	IEC 61000-4-6
Radiated	EN 55022	IEC 61000-4-3
Power-line	IEC 61000-3-2 IEC 61000-3-3	IEC 61000-4-8 IEC 61000-4-9
10	A Barga	IEC 61000-4-10
	The state of	IEC 61000-4-13
The state of the s	The second second	IEC 61000-4-17
ESD		IEC 61000-4-2
EFT	TO THE PARTY LAW.	IEC 61000-4-4
Surge	West Congression	IEC 61000-4-5
Surge Withstand	The state of the s	IEC 61000-4-18
Calmbridge (FIRST LOSS	AND THE RESERVE OF

angle services	ering		_		n Power	C	odern Gı	rid
Su	I.		bo	10	11	-1	ndard	内性酸
Types of Equipment	IEC 608 Tele - co equip	70-2-1 ontrol	IEC 60 Rela	255-26 aying oment	IEC 61000-6-5 Generic Substation	IEC 60439-1 Switchgear & Controlgear	EN 61326 Process Measurement	EN 55024 Computers 8 Telecoms
Microwave control	x						100	455 400
Relays & assoc.	4			x			1711785	and a
Sensors			4	4	x		x	即如河南
Switchgear						x	A const	654
PC's							The state	x
Power devices					x		x	
Power controls					x		x	
Metering					A	+	x	
2-way COM							100	x
Test Equipment							х	1
Networking equip.								x
Wireless equip.					1 1		-	×

resources engineering services	Green Power & the Modern Grid The EMC Threat				
EMC Standards for Protective Relays					
L. C.	Emissions	Immunity			
Conducted	IEC 60255-25	IEC 60255-22-6			
Radiated	"生"。	IEC 60255-22-3			
1 11	Trial to	→ IEEE C37.90.2			
Power-line	IEC 61000-3-2	IEC 61000-4-8			
10-	IEC 61000-3-3	IEC 61000-4-9			
	1	IEC 60255-11			
F00	4-11	IEC 60255-22-7			
ESD 🧠	The state of the s	IEC 60255-22-2 IEEE C37.90.3			
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